

AGENDA
REGULAR MEETING OF THE
UTAH STATE UNIVERSITY BOARD OF TRUSTEES
Utah State University – via Teleconference
June 28, 2019

8:30 a.m. Regular Meeting, via Teleconference

8:35 a.m. Closed Session, via Teleconference

9:00 a.m. Regular Meeting, via Teleconference

- Introductory Items
- Chair's Report
- President's Report
- Consent Agenda
- Action Agenda

CHAIR'S REPORT

I. Information Items

- A. Annual Joint Meeting of the Board of Regents, Board of Trustees, and Presidents, Thursday, August 1, at 10:00 a.m. to 4:00 p.m. at Southern Utah University in Cedar City
- B. USUSA Report
- C. The next Board of Trustees meeting will be held in conjunction with the annual Board of Trustees retreat, August 16, 2019. A dinner will be held Thursday evening, August 15, 2019, to recognize outgoing trustees and welcome incoming trustees.

PRESIDENT'S REPORT

I. Information Items

- A. Year of the Woman

II. Recent Events

- A. Aggie Coaches Caravan Events – Utah, Nevada, California, May 7-9, 2019
- B. Spike 150 Treasures Collection Reception – Salt Lake City, May 10, 2019
- C. Aggie Coaches Caravan Events – Idaho, Washington, Oregon, May 13-16, 2019
- D. Regence Community Board Meeting – Salt Lake City, May 16, 2019
- E. Board of Regents at Snow College – May 17, 2019
- F. Sunrise Session, Peter Howe – Salt Lake City, May 21, 2019
- G. USU Alumni Event and Donor Event – Houston, Texas, May 24, 2019
- H. Mtn. West Board of Directors – Jackson, Wyoming, June 2-4, 2019
- I. Association of Public Land-Grant Universities Summer Board Meeting and Summer Council of President's Meeting – Washington, D.C., June 12-13, 2019
- J. Northwest Commission on Colleges and Universities Meeting – Park City, June 18-21, 2019
- K. Salt Lake Chamber Board of Governor's Retreat – Salt Lake City, June 25, 2019
- L. USU Foundation Board Dinner – June 27, 2019
- M. USU Board of Trustees – June 28, 2019
- N. USU Foundation Board Meeting – June 28, 2019

III. Upcoming Events

- A. USU Jazz Orchestra at Montreux Jazz Festival – Switzerland, July 6-7, 2019
- B. Speak at International Society of Animal Genetics Conference – Spain, July 8-14, 2019
- C. USHE Board of Regents Capital Development Tour at USU – July 16, 2019
- D. USU Retirement Dinner, Maverik West Stadium – July 16, 2019
- E. Aggie Caravan Event at USU/Salt Lake Bees Pre-Game Event – Salt Lake City, July 25, 2019
- F. Aggie Caravan Events – Colorado and Texas, July 28-31, 2019
- G. Board of Regents at Southern Utah University – Cedar City, Utah, August 1-2, 2019
- H. Sunrise Session, David Tarboton – Salt Lake City, August 13, 2019
- I. Salt Lake Chamber Board of Governors Meeting – Salt Lake City, August 13, 2019
- J. USU Board of Trustees Workshop – August 16, 2019

CONSENT AGENDA

I. Action Items

- A. Minutes from the Regular Meeting held on May 1, 2019
- B. Minutes from the Closed Session held on May 1, 2019
- C. Academic Proposals
 - 1. Department of English, College of Humanities and Social Sciences, proposes changing the Specialization in Literature and Writing to Specialization in Creative Writing
 - 2. Department of Geology, College of Science, proposes offering the Climate Adaptation Science specialization
 - 3. Department of Geology, College of Science, proposes changing the department name from Geology to Geosciences
 - 4. School of Teacher Education and Leadership, Emma Eccles Jones College of Education and Human Services, proposes discontinuing all K-6 degree programs leading to teacher licensure
- D. Faculty and Staff Adjustments
- E. Proposal to Adopt Code of Ethics for the Nora Eccles Harrison Museum of Art
- F. Utah State University Research Foundation (USURF) – Re-appointment to Board – Maura Hagan
- G. Utah State University Research Foundation (USURF) – Appointment to Board – Lisa M. Berreau
- H. Certificate of Treasurer for February 2019
- I. Certificate of Treasurer for March 2019
- J. Delegation/Administrative Reports – 03/22/19 to 04/19/19
- K. Delegation/Administrative Reports – 04/19/19 to 05/24/19
- L. Report of Investments for February 2019
- M. Report of Investments for March 2019
- N. Contract/Grant Proposals and Awards for April 2019
- O. Contract/Grant Proposals and Awards for May 2019

II. Information Items

- A. Revisions to Policy 584 Protection of Human Participants in Research
- B. Department of Public Safety, 2018 Annual Report
- C. Written Reports
 - 1. Provost's Office
 - 2. Academic and Instructional Services
 - 3. Advancement
 - 4. Business and Finance
 - 5. Regional Campuses
 - 6. Research
 - 7. Student Affairs

UTAH STATE UNIVERSITY BOARD OF TRUSTEES
Utah State University, Logan, Utah
May 1, 2019

Minutes of the Regular Meeting of the Utah State University Board of Trustees held in the Douglas D. Anderson Executive Boardroom commencing in Huntsman Hall at 1:37 p.m.

MEMBERS PRESENT

Jody K. Burnett	Chair
Mark K. Holland	Vice Chair
Sami I. Ahmed	
Kent K. Alder	
David G. Butterfield	
John Y. Ferry	
Gina Gagon	
David H. Huntsman	
Crystal C. Maggelet	
J. Scott Nixon	

UNIVERSITY REPRESENTATIVES PRESENT

Neil N. Abercrombie	Vice President for Government Relations
Jodi Bailey	Chief Audit Executive
Noelle E. Cockett	President
David T. Cowley	Vice President, Business and Finance
Teresa Denton	Staff Assistant
Francis D. Galey	Executive Vice President and Provost
Jaren Hunsaker	Outgoing USUSA President
Mica A. McKinney	General Counsel
James D. Morales	Vice President, Student Affairs
Sydney M. Peterson	Chief of Staff and Secretary to the Board of Trustees
William M. Plate, Jr.	Vice President for Marketing & Communications
Laurens H. Smith	Interim Vice President for Research
Robert W. Wagner	Vice President, Academic and Instructional Services
Kenneth L. White	Vice President for Extension; Dean, College of Agriculture and Applied Sciences; Director, AES
David R. Woolstenhulme	Vice President, Regional Campuses

OTHERS PRESENT

Kwok Fai Ivan Cheah	Student Resolution recipient
Marlin K. Jensen	Utah System of Higher Education, Board of Regents

Chair Burnett called the meeting to order.

Action: Trustee Nixon moved in accordance with 52-4-205 of the Utah Code, that the Trustees go into a Closed Session for the sole purpose of discussing the character, professional competence, or physical or mental health of individuals, pending or reasonably imminent litigation, and the possible sale of real property. Trustee Huntsman seconded the motion. The voting was unanimous in the affirmative.

Chair Burnett reopened the Regular Meeting at 2:34 p.m., thanking those present for their

attendance.

I. STRATEGIC AGENDA

A. Preliminary Discussion of the President's Goals – Noelle E. Cockett, President

The discussion of the President's goals will be held at a future meeting.

II. CHAIR'S REPORT

A. Action Items

1. Oath of Office for Sami I. Ahmed

New Trustee Sami I. Ahmed was welcomed and given the oath of office by Chair Burnett. He is the newly elected USU Student Association President.

2. Election of Board Chair and Vice Chair, 2019-2021 – Mark K. Holland, Vice Chair

The nomination committee consisting of Trustees Holland and Nixon put forth names for the Chair and Vice Chair positions. Chair Burnett was nominated to continue as chair and Trustee Alder was nominated for the vice chair position. Chair Burnett and Trustee Alder were asked to leave the room.

Vice Chair Holland asked if there were any other nominations to be considered for the chair and vice chair positions. With so many new trustees the process was clarified that the chair and vice chair are elected by a vote of the board and serve for two years. Trustee Huntsman expressed concern about the chair serving more than one two-year term and asked Regent Jensen about practices at other institutions around the state. Regent Jensen explained that it was not uncommon for a trustee to serve more than one term as chair. Gail Miller served as the Salt Lake Community College Trustee chair for four consecutive years. Ron Jibson also served for six years as USU Trustee chair. Regent Jensen explained that it is a positive situation to have the continued leadership of a chair longer than two years. President Cockett agreed that with the unusual turnover of trustees in the past few years the continued knowledge and leadership from Chair Burnett would be welcomed.

Action: Trustee Ferry moved to cease nominations. Trustee Nixon seconded the motion. The voting was unanimous in the affirmative.

Chair Burnett and Trustee Alder were asked to return to the boardroom.

Action: Trustee Ferry moved to formally re-elect Chair Burnett for another term as chair and to elect Trustee Alder as vice chair. Trustee Nixon seconded the motion. The voting was unanimous in the affirmative.

B. Information Items

1. Resolution of Appreciation and Commendation to Jaren David Hunsaker (Appendix A)

Chair Burnett read the Resolution of Appreciation and Commendation to Jaren David Hunsaker. Trustee Hunsaker served as student body president and as a member of the Utah State University Board of Trustees with honor and distinction. He approached various tasks of student government with vision and passion and he advocated for the students of Utah State University.

Trustee Hunsaker demonstrated strong and capable leadership to USUSA while concurrently serving as the Legislative Vice President of the Utah Student Association, representing 180,000 higher education students in Utah. He worked long hours representing students' needs and was diligent in achieving their theme "Unity in Diversity." He was able to create an atmosphere that enhanced the quality of student life at USU. His service to USU and the state of Utah have left a lasting legacy and exemplary standard for future presidents to uphold.

Chair Burnett presented Trustee Hunsaker with a clock in appreciation for his service on the USU Board of Trustees.

2. Resolution of Appreciation and Commendation to J. Scott Nixon (Appendix B)

Chair Burnett read the Resolution of Appreciation and Commendation to J. Scott Nixon. Trustee Nixon has served eight years as a member of the Utah State University Board of Trustees. He brought his enthusiasm and love for USU to the deliberations of the Board. In spite of an incredibly demanding professional schedule, time and again his personal sacrifices to accomplish his Trustee duties demonstrated his allegiance and dedication to his position on the Board and to his alma mater.

Trustee Nixon chaired the Audit Committee and provided extraordinary vision and leadership in a clear and direct manner to elevate USU to a new level of competency. He is highly respected and represented USU well with the Utah State Board of Regents Audit Committee. As a result, the Regents Audit Committee considers USU the model in the audit arena, particularly commending Trustee Nixon for the open communication between the Audit Committee and administration and addressing issues in audit reports in a proactive manner.

As a member of the newly created Academic Advisory Committee, the members of the committee appreciated Trustee Nixon's insight and detailed reviews of the proposals. His commitment to making sure accurate and well-written documents move forward is commendable. He has approached his assignments on the Board with a clear understanding of the issues and have earned the esteem of

his colleagues through his insightful analysis of the problems facing a modern and growing university.

Chair Burnett presented Trustee Nixon with a clock in appreciation for his service on the USU Board of Trustees.

3. Academic Approval Committee Report – Kent K. Alder

Trustee Alder stated that the Academic Approval Committee met in mid-April and reviewed 11 proposals, nine of which are short form proposals and are on the consent agenda. The remaining two proposals are on the action agenda.

4. Alumni Association Report – David G. Butterfield

Trustee Butterfield stated that the Alumni Advisory Board met recently for one of their two meetings per year. The Association forwarded a nomination for president-elect to President Cockett. The nominee is Steve Palmer who is a former USU student body president and earned an MBA at Notre Dame.

The new Alumni Association President will be Laurel Cannon Alder and she will take office July 1. She and her husband, Nate, are strong Aggies and support the arts and various other areas of the university.

The Alumni Advisory Board is reorganizing the bylaws to provide for chapters. Bids for an insurance program are being accepted. The Alumni Association Golf Tournament will be held in September. More participants, as individuals or as teams, are welcome. There is also room for more sponsorships. The Alumni Office/Association will participate in the Coaches Caravan going to numerous cities. Other events include Baby Animal Days in Kaysville; Aggie Days in Washington, D.C.; events at Lagoon and Salt Lake Bees baseball games.

5. Audit Committee Report – J. Scott Nixon (Appendices OO & PP)

Trustee Nixon stated that the Audit Committee met earlier today to continue work on the overall university-wide assessment process which started three years ago. This comprehensive process evaluates overall risk throughout the campus, compares those to what are generally accepted risks in this type of college campus, and focuses on where the university should be spending its time. The Risk Committee settled on eight different risks on which they will focus. The in-depth analysis is complete, now they will monitor the areas.

USU is required to review the NCAA Agreed-upon Procedures Report which is a specific set of procedures by which any institution participating in the NCAA has to abide. One requirement is to have an outside auditor make sure USU is complying with these procedures. The audit has been completed and approved by the Audit Committee.

With Chair Burnett's approval, a motion to accept the Report was made at this time rather than waiting until the end of the action agenda. [Resolution 19-05-27] (Appendix NN)

Action: Trustee Nixon moved to approve the Review and Acceptance of the NCAA Agree-Upon Procedures Report. Trustee Holland seconded the motion. The voting was unanimous in the affirmative.

6. Recruitment, Retention, and Completion Committee Report – David G. Butterfield

Trustee Butterfield stated that the Recruitment, Retention, and Completion Committee received an update on the Strategic Enrollment Management Plan from Vice President Wagner. The plan will engage the entire campus community in retaining, advising, and mentoring students. The Committee reviewed key performance indicators and set five near-term strategies including advising and financial literacy for students. Vice President Wagner stated that preliminary reports for fall enrollment show applications and admissions trending upward.

Vice President Wagner explained the difference between head count enrollment and FTE enrollment. This spring's headcount was down a little. However, if high school concurrent enrollment is removed from the equation, headcount is flat. When FTE is factored in for spring, enrollment is up. This follows a five-year trend of FTE continuing to increase which means students are taking more credits. Graduation applications for the next two days are higher than they have ever been for spring. Therefore, as FTE rises, completion also rises.

7. Marketing/Public Relations Committee Report – Mark K. Holland

Vice Chair Holland stated that there was an initial study to understand where USU sits in relation to other institutions around the state. Marketing has produced five 30-second video clips. Vice President Plate stated that his first job was to look at the Marketing and Communications organizational structure. He is ready to move forward with consistent messaging and identifying who we are and where we fit in the higher education landscape. He will look at assessing marketing effectiveness.

President Cockett stated that in a short time Vice President Plate showed the power of social media by targeting one of the cover stories from the *USU Magazine* through Facebook and reached 100,000 people.

Vice President Plate handed out "A" lapel pins to everyone present. He explained that he has been wearing the "U-State" lapel pin and wanted to come up with a different lapel pin.

President Cockett said she is excited about Vice President Plate's ideas.

8. Student Health, Safety, and Well-being Committee Report from the March 8, 2019 Meeting – Crystal C. Maggelet

Trustee Maggelet said the Student Health, Safety, and Well-being Committee met after the March 8 Trustee Meeting. Trustee Hunsaker made a presentation on what the students want to see; i.e., productive discussions about student mental health and the lack of support or understanding. Discussion at the

committee meeting included how USU can potentially help students cope before they are in trouble. Trustee Maggelet suggested that the mental health topic be placed on the August Trustees Retreat agenda. She also said that the recent accidental Code Blue happened just before their meeting and helped USU see where there might be areas on which to work in case of a real threat.

Trustee Maggelet suggested that the Regents could help provide direction by sharing what other institutions and the state are doing about the mental health crisis.

9. USUSA Report – Sami I. Ahmed (Appendix C)

Trustee Ahmed has attended a lot of events recently that he has never attended before, such as the Robins Awards. He was amazed to see so many faculty and students doing great things. He also attended the International Banquet for all international students. He did not realize that USU had so many students from the Middle East and Saudi Arabia. He also attended Gripe Night which sounds dangerous; however, it was good for him to hear the issues with which students are dealing. Trustee Ahmed was a judge at the Alumni Association's A-Week Miss USU Competition. He said all the candidates were remarkable and the selection was very difficult.

10. Annual Faculty Achievements and Activities by college/unit:
<http://www.usu.edu/trustees/agenda/2019/>

Chair Burnett indicated that the Faculty Achievements and Activities reports were available at the link provided and encouraged Trustees to read the reports.

11. Commencement

Chair Burnett reminded the Trustees to review their commencement schedules in their folders.

12. The next Board of Trustees Meeting will be held on June 28, 2019

Chair Burnett added condolences to Trustee Ferry for his mother's passing over the weekend. The funeral for Sue Ferry will be on Saturday.

III. PRESIDENT'S REPORT

A. Information Items

1. Student Resolution of Commendation to Kwok Fai (Ivan) Cheah (Appendix D)

Trustee Ahmed read the Student Resolution of Commendation to Kwok Fai (Ivan) Cheah. Ivan was born and raised in Malaysia and has lived in many large cities around the world. He speaks four languages: Mandarin, Cantonese, Malay, and English. Ivan loved learning from a young age. He picked up computer programming as a hobby at the age of 12 and taught himself to program using online tutorials while also learning about basic accounting principles in school. At

16, Ivan developed a fully-functioning accounting information system to assist with his homework which he made available online. At first the system was used for homework, but it was so effective that small business owners started using it.

Ivan's uncle graduated from USU 20 years ago, so Ivan followed in his uncle's footsteps. He has been a highly engaged student at USU. Aside from his commitment to academics, he has been heavily involved in undergraduate research. He co-authored a paper with Professor Jeffrey Johnson which appeared at the 51st International Conference for System Sciences. He is a two-time Huntsman School of Business Scholar of the Year and has dual majors in accounting and management information systems. He was a finalist for two Robins Awards in 2019.

Ivan is currently preparing to graduate and enter the workforce. His greatest satisfaction comes from knowing that what he creates is useful to others.

B. Recent Events

1. Mountain West Men's and Women's Basketball Championship Tournament – Las Vegas, Nevada, March 10-16, 2019
2. Council of Presidents – Salt Lake City, March 12, 2019
3. Mountain West Board of Directors Meeting – Las Vegas, Nevada, March 13, 2019
4. Legislative Update with Staff Employees Association Executive and Standing Committees – March 19, 2019
5. NCAA Men's Basketball First Round – Cincinnati, Ohio, March 21-23, 2019
6. Stater's Council Breakfast – March 25, 2019
7. Salt Lake Chamber Board of Governor's – Salt Lake City, March 26, 2019
8. Diversity Awards Luncheon, President's Home – March 26, 2019
9. Remarks at President Tuminez's Inauguration at Utah Valley University – Orem, March 27, 2019
10. Board of Regents at Salt Lake Community College – March 28-29, 2019
11. Legislative Update with Department Heads Council – April 1, 2019
12. Donor Dinners, President's Home – April 2, 11 and 15, 2019
13. Higher Education Strategic Planning Commission – Salt Lake City, April 3, 2019
14. Student Life Advisory Council Breakfast, President's Home – April 4, 2019
15. President's Ambassadors Appreciation Dinner, President's Home – April 4, 2019
16. USU Board of Trustees Telephone Conference Meeting – April 5, 2019
17. Life Sciences Celebration Ribbon Cutting – April 5, 2019
18. USU Board of Trustees Teleconference Meeting – April 5, 2019
19. A.C. Women's Lunch, President's Home – April 8, 2019
20. Moderate Panel at Seely Hinckley Scholarship Luncheon – April 9, 2019
21. Legislative Appreciation Dinner, President's Home – April 9, 2019
22. Speak at Inclusive Excellence Symposium Networking Social – April 10, 2019
23. Speak at Utah Bankers Association Women in Banking Conference – Salt Lake City, April 11, 2019
24. Breakfast with Master of Human Resources Students – April 12, 2019
25. Night with Aggie Legends – April 12, 2019
26. Robins Awards – April 13, 2019
27. K-16 Alliance – April 17, 2019

28. Pep Band Appreciation Breakfast, President's Home – April 18, 2019
29. Breakfast with Incoming/Outgoing USUSA Officers, President's Home – April 19, 2019
30. USU Brigham City Graduation – Brigham City, April 19, 2019
31. Council of Presidents – Salt Lake City, April 30, 2019
32. USU Board of Trustees – May 1, 2019
33. USU Dignitary Dinner – May 1, 2019
34. USU Commencement Ceremony and College Convocations – May 2-3, 2019

C. Upcoming Events

1. Aggie Coaches Caravan Events – Utah, Nevada, California, May 7-9, 2019
2. Spike 150 Treasures Collection Reception – Salt Lake City, May 10, 2019
3. Aggie Coaches Caravan Events – Idaho, Washington, Oregon, May 13-16, 2019
4. Regence Community Board Meeting – Salt Lake City, May 16, 2019
5. Board of Regents at Snow College – May 17, 2019
6. Mountain West Board of Directors – Jackson, Wyoming, June 2-4, 2019
7. Association of Public Land-Grant Universities Summer Board Meeting and Summer Council of Presidents Meeting – Washington, D.C., June 12-13, 2019
8. Salt Lake Chamber Board of Governor's Retreat – Salt Lake City, June 25, 2019
9. USU Foundation Board Dinner – June 27, 2019
10. USU Board of Trustees – June 28, 2019
11. USU Foundation Board Meeting – June 28, 2019

D. Aggie Coaches Caravan

President Cockett stated that the Aggie Coaches Caravan events will include student athletes in each of the towns they visit.

E. Spiked 150 Event

The Spike 150 event celebrates the anniversary of the completion of the transcontinental railroad. The Library Special Collections developed an exhibit of photos and memorabilia from the transcontinental railroad and it has been on display at the state capital on the 4th floor. Following the May 10 events, the exhibit will move around the state finally ending up in Logan. Ross Peterson has helped with the program providing much of the history of the railroad. Dean Craig Jessop is involved in the event at Promontory with 250 children from around Utah coming together as a chorus.

Vice President Abercrombie stated that USU will provide a bus which will depart from the Bird Refuge to take people to Promontory for the celebration. There will be a lot of dignitaries, congressional delegations, and legislators at the event.

F. Commencement

President Cockett reminded the Trustees of the graduation events. Tonight's Dignitary Dinner will recognize honorary degree recipients Eric E. Hipple, Ronald W. Jibson and

Mehdi Heravi. President Cockett appreciates the Trustees' participation in graduation events including the college convocations on Thursday afternoon and Friday. There have been a lot of changes to commencement this year, particularly the hooding of graduate students in the colleges rather than at a university hooding ceremony. She stated that it is important for undergraduate students to see how graduate students are acknowledged. Graduate student numbers are way up. Dividing college convocations into two days indicates USU's growth. Five colleges need to use the Spectrum to accommodate their students and audience.

IV. CONSENT AGENDA

Chair Burnett stated that the Trustees were given the following agenda items for review.

A. Action Items

1. Minutes from the Regular Meeting held on April 5, 2019
2. Minutes from the Closed Session held on April 5, 2019
3. Academic Proposals
 - a. Department of Applied Systems, Technology & Education in College of Agriculture and Applied Sciences proposal to establish a Career and Technical Education Division [Resolution 19-05-01] (Appendix E)
 - b. College of Humanities and Social Sciences proposal to establish an Anticipatory Intelligence Center [Resolution 19-05-02] (Appendix F)
 - c. College of Humanities and Social Sciences proposal to offer an undergraduate Minor in Anticipatory Intelligence [Resolution 19-05-03] (Appendix G)
 - d. Department of Economics and Finance in Jon M. Huntsman School of Business proposal to offer a quantitative emphasis in the Finance BA/BS degree [Resolution 19-05-04] (Appendix H)
 - e. Department of English in College of Humanities and Social Sciences proposal to change the name of the English emphasis from Professional and Technical Writing to Technical Communication and Rhetoric [Resolution 19-05-05] (Appendix I)
 - f. Department of Kinesiology & Health Science in Emma Eccles Jones College of Education and Human Services proposal to change the name from Parks and Recreation to Recreation Administration [Resolution 19-05-06] (Appendix J)
 - g. Department of Mechanical and Aerospace Engineering in College of Engineering proposal to offer a Minor in Mechanical and Aerospace Engineering [Resolution 19-05-07] (Appendix K)
 - h. Department of Nutrition, Dietetics and Food Sciences in College of Agriculture and Applied Sciences proposal to discontinue the Bachelor of Science degree in NDFS [Resolution 19-05-08] (Appendix L)
 - i. Department of Nutrition, Dietetics and Food Sciences in College of Agriculture and Applied Sciences proposal to offer a Minor in Hunger and Food Security [Resolution 19-05-09] (Appendix M)
4. Faculty and Staff Adjustments [Resolution 19-05-10] (Appendix N)
5. Proposal to Affirm Support of the Nora Eccles Harrison Museum of Art [Resolution 19-05-11] (Appendix O)
6. Proposal to Adopt Restated and Amended Policy 524 Charitable Gift Acceptance

- and Crediting [Resolution 19-05-12] (Appendix P)
- 7. Certificate of Treasurer for December 2018 [Resolution 19-05-13] (Appendix Q)
- 8. Certificate of Treasurer for January 2019 [Resolution 19-05-14] (Appendix R)
- 9. Delegation/Administrative Reports – 01/25/19 to 02/22/19 [Resolution 19-05-15] (Appendix S)
- 10. Delegation/Administrative Reports – 02/22/19 to 03/22/19 [Resolution 19-05-16] (Appendix T)
- 11. Report of Investments for December 2018 [Resolution 19-05-17] (Appendix U)
- 12. Report of Investments for January 2019 [Resolution 19-05-18] (Appendix V)
- 13. Contract/Grant Proposals and Awards (February 2019) [Resolution 19-05-19] (Appendix W)
- 14. Contract/Grant Proposals and Awards (March 2019) [Resolution 19-05-20] (Appendix X)

B. Information Items

- 1. Revisions to Policy 515 Travel (Appendix Y)
- 2. Written Reports
 - a. Office of the Provost (Appendix Z)
 - b. Advancement (Appendix AA)
 - c. Academic & Instructional Services (Appendix BB)
 - d. Business & Finance (Appendix CC)
 - e. Public Relations & Marketing (Appendix DD)
 - f. Regional Campuses (Appendix EE)
 - g. Research (Appendix FF)
 - h. Student Affairs (Appendix GG)

Action: Trustee Alder moved to approve the Consent Agenda. Trustee Ferry seconded the motion. The voting was unanimous in the affirmative.

V. ACTION AGENDA

A. Academic Proposals

- 1. Department of Animal, Dairy, and Veterinary Sciences in College of Agriculture and Applied Sciences proposal to offer an Associate Degree in Veterinary Technology [Resolution 19-05-21] (Appendix HH)

Trustee Alder stated his appreciation for Trustee Nixon's attention to details when reviewing each proposal. Trustee Alder ask Provost Galey to explain each of the two academic proposals.

Provost Galey said these two new degree programs require Trustees' approval and will then be forwarded to the Board of Regents as information items on their next meeting agenda.

The first proposal is to offer an Associate Degree in Veterinary Technology in the College of Agriculture and Applied Sciences. This degree will be a collaboration with Bridgerland Technical College (BTC) to provide a stackable degree for BTC students. After two years, students may receive a certificate from BTC and an

associate degree from USU. The students will then have the opportunity to continue working toward a bachelor's degree. The program will be operated with existing resources in the department with the exception of seeking one additional faculty member through a grant with Workforce Services. The program must be in place before USU can apply for the grant to hire an additional faculty member. Plans are to add this program to the Blanding campus in the future. The program will have up to 40 students the first year.

Action: Trustee Ferry moved to approve the proposal for the Department of Animal, Dairy, and Veterinary Sciences in College of Agriculture and Applied Sciences to offer an Associate Degree in Veterinary Technology. Trustee Nixon seconded the motion. The voting was unanimous in the affirmative.

2. Department of Nursing and Health Professions in Emma Eccles Jones College of Education and Human Services proposal to offer an online Bachelor of Science Nursing degree completion [Resolution 19-05-22] (Appendix II)

Provost Galey stated that a couple of years ago the state legislature granted USU money to develop nursing programs. There are a number of two-year registered nurse programs at regional campuses. This proposal will allow USU to develop an online completion program for registered nurses to complete an online bachelor's degree in nursing with support from faculty in their area. Funding is included in the legislative funding received a couple of years ago. There is a critical need state-wide for nurses with bachelor's degrees. USU communicated with the other institutions in the state and they are very supportive of this proposal.

Action: Trustee Maggelet moved to approve the proposal for the Department of Nursing and Health Professions in Emma Eccles Jones College of Education and Human Services to offer an online Bachelor of Science Nursing degree completion. Trustee Holland seconded the motion. The voting was unanimous in the affirmative.

President Cockett explained that the Academic Approval Committee is new and is a response to legislative change which allows more approvals of programs at the Trustee level. Requests for programs outside the mission of the institution will still require approval from the Board of Regents.

Regent Jensen said it was good for him to be here to see how the process is working. Regents are monitoring this change in approval level. There is a state-level committee studying higher education generally and there may be more changes in the years to come. Hearing that USU consulted with the other institutions in the state about the nursing bachelor's degree reassures Regent Jensen that the trustees are doing their due diligence and getting approval from other institutions. Regent Jensen complimented the work being done at USU.

B. East Parking Terrace Project Modification – David T. Cowley [Resolution 19-05-23] (Appendix JJ)

Vice President Cowley stated that one of the non-state funded projects for which USU

received legislative approval was to construct a parking terrace east of the Industrial Science Building, immediately north of the Performance Hall. USU received legislative bonding authority for \$11.7M for the 600 stall parking structure. The design team was concerned about the size of structure being out of character with other buildings nearby. They were afraid the structure would not be set back from 700 North far enough. They suggested building a smaller 400-stall structure instead. The smaller project would not need the entire \$11.7M bond.

Vice President Cowley said USU could replace the lost stalls on a slightly different lot, next to the Central Suites housing unit (Valley View Tower replacement). This smaller structure would have approximately 300-350 stalls and would be only two-stories tall. Current housing residents would be given parking permits with the fee included in their rent. More students would be added when the Mountain View Tower replacement is built.

In order to use the single bonding authority to do both structures, USU needs to go back to the legislature for approval. USU will not ask for more bonding authority, just the authority to split the one project into two projects. Vice President Cowley is asking for Trustees' approval to take the issue to the Board of Regents.

Trustee Nixon asked about previous plans to close 700 North to vehicles. Vice President Cowley responded that 700 North would not be closed that far east. The parking structure would be accessible from 1200 East.

Vice President Cowley explained that building a structure on 700 North is more expensive because it needs to look like the surrounding structures and would need to have bricked exterior walls. The other parking structure would not need bricked walls and would be for residents only, not a pay lot.

Vice President Abercrombie stated that legislators would likely not have a concern about splitting the project into two projects with the legislative funding. Approval could be given by the Infrastructure Committee rather than the legislature as a whole.

Action: Trustee Alder moved to approve East Parking Terrace Project Modification. Trustee Ferry seconded the motion. The voting was unanimous in the affirmative.

C. Real Property Disposal – David T. Cowley [Resolution 19-05-24] (Appendix KK)

Vice President Cowley explained that USU obtained 43.24 acres of land in Dayton, Idaho, and would now like to sell that property. Since the land is not contiguous to campus, only Trustees' approval is required.

Vice President White stated that the trees on the property were not all worth saving. Faculty needed a period of time to determine which trees they wanted to keep. The Experiment Station purchased the land anticipating that USU would keep the land for the length of time it would take researchers to determine the value of the trees and transfer desired trees to USU property.

Vice President Cowley said the land is no longer needed and is a very remote location. The property is appraised at \$297,000. He is asking approval to sell at or

above the appraised value. Vice President White said the revenue would reimburse the Experiment Station for the original purchase with the remaining amount being placed with the Funk family donation.

Action: Trustee Holland moved to approve the Real Property Disposal. Trustee Huntsman seconded the motion. The voting was unanimous in the affirmative.

D. Proposed Research Revenue Bonds, Series 2019 – David T. Cowley [Resolution 19-05-25] (Appendix LL)

Vice President Cowley stated that there are three bonding systems at USU. Two of these systems include: 1) research revenue system for reimbursed overhead and to do research projects and 2) bonding system for auxiliaries, housing, parking, etc.

The project for the Space Dynamics Lab on the Innovation Campus had to go through the Regents approval process. Bonding authority was given, but now the request has to go back through the approval process from the standpoint of actually doing the financing. The summary sheet shows a total of \$47,000,720 for two buildings. Timing requirements for these buildings is different. The High Bay Building is needed quickly but the Research Building is not needed as quickly. Approval was given for the entire amount, but bonds may be issued in two different series in two different times. It is to USU's advantage to not issue bonds until they are needed – for design and for construction. Vice President Cowley is asking authorization for discretion to bond as he sees fit.

Action: Trustee Butterfield moved to approve the Proposed Research Revenue Bonds, Series 2019. Trustee Holland seconded the motion. The voting was unanimous in the affirmative.

E. Proposed Student Fee and Housing System Revenue Bonds, Series 2019 – David T. Cowley [Resolution 19-05-26] (Appendix MM)

Vice President Cowley stated that this proposal is similar to the previous proposal. This proposal is for \$50,000,125 for a parking terrace and residence hall replacement. He is asking authorization for discretion to bond as he sees fit.

Action: Trustee Huntsman moved to approve the Proposed Student Fee and Housing System Revenue Bonds, Series 2019. Trustee Holland seconded the motion. The voting was unanimous in the affirmative.

F. Review and Acceptance of the NCAA Agreed-Upon Procedures Report – J. Scott Nixon [Resolution 19-05-27] (Appendix NN)

Trustee Nixon presented this resolution during the Audit Committee Report. The motion was voted on at that time.

VI. Committee Meeting Items

- A. Minutes from the Audit Committee Meeting held on March 8, 2019 (Appendix OO)
- B. Agenda for the meeting on May 1, 2019 (Appendix PP)

Action: Trustee Nixon made a motion to adjourn the meeting. Trustee Huntsman seconded the motion. The voting was unanimous in the affirmative.

The meeting adjourned at 4:29 p.m.

Jody K. Burnett, Chair

Sydney M. Peterson, Secretary
(Minutes taken by Teresa Denton)

Date Approved

UTAH STATE UNIVERSITY BOARD OF TRUSTEES
Utah State University, Logan, Utah
May 1, 2019

Minutes of the Closed Meeting of the Utah State University Board of Trustees held in the Douglas D. Anderson Executive Boardroom commencing in Huntsman Hall at 1:40 p.m.

MEMBERS PRESENT

Jody K. Burnett	Chair
Mark K. Holland	Vice Chair
Sami I. Ahmed	
Kent K. Alder	
David G. Butterfield	
John Y. Ferry	
Gina Gagon	
David H. Huntsman	
Crystal C. Maggelet	
J. Scott Nixon	

UNIVERSITY REPRESENTATIVES PRESENT

Noelle E. Cockett	President
David T. Cowley	Vice President, Business and Finance
Francis D. Galey	Executive Vice President and Provost
Mica A. McKinney	General Counsel
Sydney M. Peterson	Chief of Staff and Secretary to the Board of Trustees

OTHERS PRESENT

Marlin K. Jensen	Utah System of Higher Education, Board of Regents
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Chair Burnett conducted the meeting. Personnel and legal issues were discussed.

Action: Trustee Maggelet made a motion to adjourn the meeting. Trustee Huntsman seconded the motion. The voting was unanimous in the affirmative.

The meeting adjourned at 2:30 p.m.

Jody K. Burnett, Chair

Sydney M. Peterson, Secretary
(Minutes taken by Teresa Denton)

Date Approved

28 June 2019

ITEM FOR ACTION

Utah State University's Department of English in the College of Humanities and Social Sciences proposes changing the Specialization in Literature and Writing to Specialization in Creative Writing, in the manner described below.

EXECUTIVE SUMMARY

The Department of English in the College of Humanities and Social Sciences proposes changing the Specialization in Literature and Writing to Specialization in Creative Writing.

RECOMMENDATION

The President and Provost recommend that the Board of Trustees approve the proposal to change the Specialization in Literature and Writing to Specialization in Creative Writing in the College of Humanities and Social Sciences' Department of English.

RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES

WHEREAS, Utah State University's Department of English in the College of Humanities and Social Sciences proposes changing the Specialization in Literature and Writing to Specialization in Creative Writing, and

WHEREAS, The proposed name change to a specialization in creative writing better defines the degree program, and

WHEREAS, The proposal has been approved by the academic dean, the Educational Policies Committee, and the USU Faculty Senate, and

WHEREAS, The proposal has been approved by the President and Provost of Utah State University;

NOW THEREFORE BE IT RESOLVED, That the Utah State University Board of Trustees hereby approve the proposal to change the Specialization in Literature and Writing to Specialization in Creative Writing in the College of Humanities and Social Sciences' Department of English, and that notification of this proposal be forwarded to the Utah State Board of Regents of the Utah System of Higher Education.

RESOLUTION APPROVED BY THE BOARD OF TRUSTEES

DATE:

**Utah System of Higher Education
Changes to Existing Academic Program Proposal
Cover/Signature Page - Abbreviated Template**

Institution Submitting Request:	Utah State University		
	<i>Current</i>		<i>Proposed (if applicable)</i>
Program Title:	Specialization in Literature and Writing		Specialization in Creative Writing
Sponsoring School, College, or Division:	College of Humanities and Social Sciences		
Sponsoring Academic Department(s) or Unit(s):	English Department		
Classification of Instruction Program Code ¹ :	6 - Digit CIP		6 - Digit CIP
Min/Max Credit Hours for Full Program Required:	30	/ 30	Min Cr Hr / Max Cr Hr
Proposed Effective Term for Program Change ² :	Fall	2019	
Institutional Board of Trustees' Approval Date:			
Award Type:	MS		

Program Change Type (check all that apply):

<input checked="" type="checkbox"/>	Name Change of Existing Program
<input type="checkbox"/>	Program Restructure with or without Consolidation
<input type="checkbox"/>	Program Transfer to a new academic department or unit
<input type="checkbox"/>	Program Suspension
<input type="checkbox"/>	Program Discontinuation
<input type="checkbox"/>	Reinstatement of Previously Suspended Program
<input type="checkbox"/>	Out of Service Area Delivery Program

Chief Academic Officer (or Designee) Signature:

I, the Chief Academic Officer or Designee, certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Please type your first and last name _____ Date: _____

I understand that checking this box constitutes my legal signature.

¹ For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

² "Proposed Effective Term" refers to term when change to program is published. For Suspensions and Discontinuations, "effective term" refers to the term the program will suspend admissions.

Program Change Description - Abbreviated Template

Section I: The Request

Utah State University requests approval to change name from Specialization in Literature and Writing to Specialization in Creative Writing effective Fall 2019. This action was approved by the institutional Board of Trustees on .

Section II: Program Proposal

Program Change Description/Rationale

Present a brief program change description. Describe the institutional procedures used to arrive at a decision for the change. Briefly indicate why such a change should be initiated. State how the institution and the USHE benefit by the change.

The English Department at Utah State University is requesting a name change for the specialization offered under the MA/MS in English. Currently students must choose the Specialization in Literature and Writing. We would like for students to have two options: (1) the option of choosing a widely recognizable MA/MS in English or (2) the option of specializing in creative writing by choosing a Specialization in Creative Writing. We have several reasons for requesting this name change:

- Most of our peer institutions offer a traditional MA/MS in English. It is a recognizable degree. Offering a specialization in Literature and Writing is repetitive and adds no useful description to the degree.
- Currently 2/3 to ¾ of our graduate students focus on creative writing in our MA/MS in English program. They write creative theses. The Specialization in Creative Writing demonstrates a clear commitment to a specific aspect of English--the study and practice of literary arts—and more effectively names what students are choosing and studying.
- Creative writing is one of the areas within the field of English that continues to experience growth. Because students want to focus on creative writing, the degree will attract more diverse and stronger graduate students. The Specialization in Creative Writing will make that option apparent and clear.
- We have noticed a trend in offering emphases in creative writing at the graduate level as a way to prepare students to then apply to an MFA or creative PhD. It is a stepping stone of sorts, and we would publicize the specialization as a way to further apprentice before applying for these very selective degree programs.
- No school in the region offers this specialization.
- The program would require no changes or no additional faculty. The name change just more effectively names what we are already doing with most students.
- Students who would rather choose a more traditional MA/MS in English would still have that option and earn a general MA/MS in English.

Consistency with Institutional Mission/Institutional Impact

Explain how the action is consistent with the institution's Regent-approved mission, roles, and goals. Institutional mission and roles may be found at higheredutah.org/policies/policyr312/ . Indicate if the program will be delivered outside of designated service area; provide justification. Service areas are defined in higheredutah.org/policies/policyr315/ . Will faculty or staff structures be impacted by the proposed change?

As a land grant university, our mission is student-centered. We encourage students to discover and create. A specialization in creative writing would signal our commitment to the literary arts and to the way students can pursue their interests and passions through apprenticeship and mentoring.

Finances

What costs or savings are anticipated from this change? If new funds are required to implement the change, indicate expected sources of funds. Describe any budgetary impact on other programs or units within the institution.

There are no costs for this change. We would be attracting stronger and more diverse graduate students and that would ultimately benefit Utah State overall.

28 June 2019

ITEM FOR ACTION

Utah State University's Department of Geology in the College of Science proposes offering the Climate Adaptation Science specialization, in the manner described below.

EXECUTIVE SUMMARY

The Department of Geology in the College of Science proposes offering the Climate Adaptation Science specialization.

RECOMMENDATION

The President and Provost recommend that the Board of Trustees approve the proposal to offer the Climate Adaptation Science specialization in the College of Sciences' Department of Geology.

RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES

WHEREAS, Utah State University's Department of Geology in the College of Science proposes offering the Climate Adaptation Science specialization, and

WHEREAS, The proposed addition will emphasize interdisciplinary research and skill building and encourages a diversity of thought and culture, and

WHEREAS, The proposal has been approved by the academic dean, the Educational Policies Committee, and the USU Faculty Senate, and

WHEREAS, The proposal has been approved by the President and Provost of Utah State University;

NOW THEREFORE BE IT RESOLVED, That the Utah State University Board of Trustees hereby approve the proposal to offer the Climate Adaptation Science specialization in the College of Sciences' Department of Geology, and that notification of this proposal be forwarded to the Utah State Board of Regents of the Utah System of Higher Education.

RESOLUTION APPROVED BY THE BOARD OF TRUSTEES

DATE:

**Utah System of Higher Education
Changes to Existing Academic Program Proposal
Cover/Signature Page - Abbreviated Template**

Institution Submitting Request: Utah State University

Current *Proposed (if applicable)*

Program Title: Climate Adaptation Science (CAS)

Sponsoring School, College, or Division: University (UN)

Sponsoring Academic Department(s) or Unit(s): Geology

Classification of Instruction Program Code¹: 30.99 Multi/Interdisciplinary Stu 6 - Digit CIP 30.9999

Min/Max Credit Hours for Full Program Required: 9 Min Cr Hr 9/ Max Cr Hr

Proposed Effective Term for Program Change²: Fall 2019

Institutional Board of Trustees' Approval Date:

Award Type: MS and PhD

Program Change Type (check all that apply):

<input type="checkbox"/>	Name Change of Existing Program
<input checked="" type="checkbox"/>	Program Restructure with or without Consolidation
<input type="checkbox"/>	Program Transfer to a new academic department or unit
<input type="checkbox"/>	Program Suspension
<input type="checkbox"/>	Program Discontinuation
<input type="checkbox"/>	Reinstatement of Previously Suspended Program
<input type="checkbox"/>	Out of Service Area Delivery Program

Chief Academic Officer (or Designee) Signature:

I, the Chief Academic Officer or Designee, certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Please type your first and last name _____ Date: _____

I understand that checking this box constitutes my legal signature.

¹ For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

² "Proposed Effective Term" refers to term when change to program is published. For Suspensions and Discontinuations, "effective term" refers to the term the program will suspend admissions.

Program Change Description - Abbreviated Template

Section I: The Request

Utah State University requests approval to restructure Climate Adaptation Science (CAS) effective Fall 2019. This action was approved by the institutional Board of Trustees on May 1, 2019.

Section II: Program Proposal

Program Change Description/Rationale

Present a brief program change description. Describe the institutional procedures used to arrive at a decision for the change. Briefly indicate why such a change should be initiated. State how the institution and the USHE benefit by the change.

Utah State University received a \$2.7 million National Science Foundation (NSF) Research Traineeship award in 2017 that affords USU students the opportunity to pursue advanced interdisciplinary research training and a Climate Adaptation Science specialization. The NSF Research Traineeship Program is designed to encourage the development and implementation of bold, new potentially transformative models for STEM graduate education training. The Traineeship Track is dedicated to effective training of STEM graduate students in high priority interdisciplinary research areas, through the comprehensive traineeship model that is innovative, evidence-based, and aligned with changing workforce and research needs.

This proposal, if implemented, will expand the Climate Adaptation Science (CAS) specialization into a tenth department, the Department of Geology. The B. S., M. S. and Ph.D. research and teaching efforts in this department concern carbon capture and storage, natural and anthropogenic carbon budgets, landscape sensitivity and responses to climate change, and low-temperature geochemistry of CO₂ and CH₄ systems. These topics are vital to understanding carbon cycles and to developing effective adaptation strategies. Current and future Geology courses address this topic and our faculty already serve collaboratively on committees with interdisciplinary research foci.

The Climate Adaptation Science (CAS) specialization is currently offered within eleven MS and nine PhD degrees, offered in nine departments and five colleges. This training program emphasizes interdisciplinary research and integrates training in informatics, modeling, communication, leadership, project management, risk assessment, decision-making under uncertainty, and interdisciplinary teamwork. Project research will advance understanding of changing hydroclimate (drought and flood), fire regimes (frequency, area burned, and severity), land cover (range shifts and invasions), social and economic effects, and potential adaptations. The project closely integrates research, instruction, and real-world experience and will foster collaborations among scientists, federal, state, and local land managers, policymakers, trainees, and citizen stakeholders. The NSF funding that started the program is not required for its future effectiveness.

The specialization requires nine credit hours, and will augment the current menu of possible specializations, or elective requirements that already exist in the MS and PhD degree programs. Other participating degree programs are: MS in Applied Economics, Biology, Civil and Environmental Engineering, Climate Science, Ecology, Economics and Statistics,

Environment and Society, Geography, Industrial Mathematics and Statistics, Sociology, and Watershed Sciences; PhD in Biology, Civil and Environmental Engineering, Climate Science, Ecology, Economics, Environment and Society, Mathematical Sciences, Sociology, and Watershed Sciences. The cover page indicates the approval of the College of Science.

Consistency with Institutional Mission/Institutional Impact

Explain how the action is consistent with the institution's Regent-approved mission, roles, and goals. Institutional mission and roles may be found at higheredutah.org/policies/policy312/ . Indicate if the program will be delivered outside of designated service area; provide justification. Service areas are defined in higheredutah.org/policies/policy315/ . Will faculty or staff structures be impacted by the proposed change?

The CAS specialization emphasizes interdisciplinary research and skill building and encourages a diversity of thought and culture. The curriculum and professional, community-based internship will provide students with skills to serve the public consistent with the mission of Utah State University.

Finances

What costs or savings are anticipated from this change? If new funds are required to implement the change, indicate expected sources of funds. Describe any budgetary impact on other programs or units within the institution.

The CAS specialization was funded by a grant from the National Science Foundation; no additional resources will be required from the university. As anticipated in the original proposal, this application to expand the list of participating departments reflects the unique skill set that Earth Scientists of our Geology department bring to climate adaptations. No new physical facilities or modifications to existing facilities will be required. There is no need to hire additional faculty for this program, as the novel educational elements to be provided will substitute for current graduate teaching assignments. The project implements and assesses innovations that are expected to improve graduate training and result in increased retention, decreased time to degree for PhD students, and increased job placement flexibility and satisfaction.

28 June 2019

ITEM FOR ACTION

Utah State University's Department of Geology in the College of Science proposes changing the department name from Geology to Geosciences, in the manner described below.

EXECUTIVE SUMMARY

The Department of Geology in the College of Science proposes changing the department name from Geology to Geosciences.

RECOMMENDATION

The President and Provost recommend that the Board of Trustees approve the proposal to change the department name from Geology to Geosciences in the College of Sciences' Department of Geology.

RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES

WHEREAS, Utah State University's Department of Geology in the College of Science proposes change the department name from Geology to Geosciences, and

WHEREAS, The proposed name change to Geosciences better represents current thinking and practices in the profession, and

WHEREAS, The proposal has been approved by the academic dean, the Educational Policies Committee, and the USU Faculty Senate, and

WHEREAS, The proposal has been approved by the President and Provost of Utah State University;

NOW THEREFORE BE IT RESOLVED, That the Utah State University Board of Trustees hereby approve the proposal to change the department name from Geology to Geosciences in the College of Sciences' Department of Geology, and that notification of this proposal be forwarded to the Utah State Board of Regents of the Utah System of Higher Education.

RESOLUTION APPROVED BY THE BOARD OF TRUSTEES

DATE:

**Utah System of Higher Education
Administrative Unit Change Proposal
Cover/Signature Page - Abbreviated Template**

Institution Submitting Request: Utah State University

Proposed Effective Date¹: July 1, 2019

Institutional Board of Trustees' Approval Date:

Existing Unit Title: Department of Geology

Sponsoring School, College, or Division: College of Science

Sponsoring Academic Department(s) or Unit(s): Department of Geology

Proposal Type:

<input checked="" type="checkbox"/>	Name Change of Existing Unit to Department of Geosciences
<input type="checkbox"/>	Administrative Unit Transfer
<input type="checkbox"/>	Administrative Unit Restructure (with or without Consolidation)
<input type="checkbox"/>	Administrative Unit Suspension
<input type="checkbox"/>	Administrative Unit Discontinuation
<input type="checkbox"/>	Reinstatement of Previously Suspended Administrative Unit
<input type="checkbox"/>	Reinstatement of Previously Discontinued Administrative Unit

Chief Academic Officer (or Designee) Signature:

I, the Chief Academic Officer or Designee, certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

_____ Date:

I understand that checking this box constitutes my legal signature.

¹ "Proposed Effective Date" refers to date after Regent approval when change to unit is published.

Unit Description - Abbreviated Template

Section I: The Request

Utah State University requests approval to change name of Department of Geology to Department of Geosciences effective July 1, 2019. This action was approved by the institutional Board of Trustees on .

Section II: Program Proposal

Administrative Unit Description/Rationale

Present a brief description of the unit. Describe the institutional procedures used to arrive at the action being proposed. Briefly indicate why a change to the unit is justified. Are similar units offered elsewhere in the USHE or the State? State how the institution and the USHE benefit from the proposed unit change.

The USU Department of Geology is a moderate-sized academic unit with a long history of award-winning teaching and research. We sustain 60-70 undergraduate majors, a large and successful MS program, a relatively new PhD program, and we are known for our dedicated alumni.

Following our Regent's Review process in the 2017-2018 academic year, we developed a Strategic Plan. As recommended by our external reviewers, a central goal within our Strategic Plan is a name change for our department. Over fall of 2018, we conducted a process of information gathering and repeated debate and surveys, culminating in a vote on choices of names, which had 100% participation of faculty, Instructors and research staff. The definitive result was to change our name to Earth Sciences. Although that original proposal was approved by the Curriculum Subcommittee, it was declined by the main Educational Policies Committee.

This proposal follows upon our first one; and it is to change our name to our second choice -- Geosciences. We have two primary motivations for this name change:

A broader name is needed: What used to be called Geology has evolved into the application of other sciences to Earth, and its scope has broadened into a fundamentally interdisciplinary science over the past decades. This broadening of what we do now, and especially in the near future as our department grows, is the primary reason our name needs to be changed to Geosciences.

An up-to-date name is needed: Unlike most other classical sciences, the basic definitions of geology, geoscience, and earth science are poorly understood by students and the public, and the terms are variably used by professionals. Yet, it is agreed that "geology" is an antiquated and narrow term. A survey of nation-wide department names at peer and higher-level institutions confirms that Geology has become a rare moniker. Over the past decades, units that were formerly called Geology have changed, with Earth Sciences and Geosciences being the most common names of the strongest and most forward-looking programs.

For these reasons, both our Department and the greater USHE system will benefit from a broader, up-to-date, and forward-looking unit name, which will position us better with peers.

Consistency with Institutional Mission/Institutional Impact

Explain how the unit is consistent with the institution's Regents-approved mission, roles, and goals. Describe how the existing administrative structures support the proposed unit and identify new organizational structures that may be needed. What changes in faculty and staff will be required?

This name change to Department of Geosciences -- being broader and up-to-date -- will enhance our contribution to the mission of USU in academics to cultivate diversity of learning and culture, discovery through research, and engagement via clear and up-to-date communication of our science. With the name change, no new or changed administrative or organizational structures are necessary.

Finances

What costs or savings are anticipated with the actions proposed? What new facilities or modifications to existing facilities or equipment are needed? Describe any budgetary impact on other programs or units within the institution. If new funds are required, describe expected sources of funds.

No budgetary impact is expected. No changes to facilities, other than routine updates to graphic-design elements. No new funds necessary.

28 June 2019

ITEM FOR ACTION

Utah State University's School of Teacher Education and Leadership in the Emma Eccles Jones College of Education and Human Services proposes discontinuing all K-6 degree programs leading to teacher licensure, in the manner described below.

EXECUTIVE SUMMARY

The School of Teacher Education and Leadership in the Emma Eccles Jones College of Education and Human Services proposes discontinuing all K-6 degree programs leading to teacher licensure.

RECOMMENDATION

The President and Provost recommend that the Board of Trustees approve the proposal the discontinuation of all K-6 degree programs leading to teacher licensure in the Emma Eccles Jones College of Education and Human Services' School of Teacher Education and Leadership.

RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES

WHEREAS, Utah State University's School of Teacher Education and Leadership in the Emma Eccles Jones College of Education and Human Services proposes discontinuing all K-6 degree programs leading to teacher licensure, and

WHEREAS, The proposed discontinuation of the four K-6 options is being driven by a new rule established by the Utah State Board of Education to streamline the licensure process, and

WHEREAS, The proposal has been approved by the academic dean, the Educational Policies Committee, and the USU Faculty Senate, and

WHEREAS, The proposal has been approved by the President and Provost of Utah State University;

NOW THEREFORE BE IT RESOLVED, That the Utah State University Board of Trustees hereby approve the proposal to discontinue all K-6 degree programs leading to teacher licensure in the Emma Eccles Jones College of Education and Human Services' School of Teacher Education and Leadership, and that notification of this proposal be forwarded to the Utah State Board of Regents of the Utah System of Higher Education.

RESOLUTION APPROVED BY THE BOARD OF TRUSTEES

DATE:

**Utah System of Higher Education
Changes to Existing Academic Program Proposal
Cover/Signature Page - Abbreviated Template**

Institution Submitting Request: Utah State University

Current *Proposed (if applicable)*

Program Title: K-6;
Dual K-6/Special Education
Birth to 5;
Dual K-6/Special Education
Mild/Moderate;
Dual K-6/Special Education
Severe

Sponsoring School, College, or Division: Emma Eccles Jones College
of Education and Human
Services

Sponsoring Academic Department(s) or Unit(s): School of Teacher Education
and Leadership

Classification of Instruction Program Code¹: 13.1202; 13.1015; 13.1017 13.1017 applies to Mild/Moderate

Min/Max Credit Hours for Full Program Required: Min Cr Hr / Max Cr Hr Min Cr Hr / Max Cr Hr

Proposed Effective Term for Program Change²: Spring 2020

Institutional Board of Trustees' Approval Date:

Award Type: BS

Program Change Type (check all that apply):

<input type="checkbox"/>	Name Change of Existing Program
<input type="checkbox"/>	Program Restructure with or without Consolidation
<input type="checkbox"/>	Program Transfer to a new academic department or unit
<input type="checkbox"/>	Program Suspension
<input checked="" type="checkbox"/>	Program Discontinuation
<input type="checkbox"/>	Reinstatement of Previously Suspended Program
<input type="checkbox"/>	Out of Service Area Delivery Program

Chief Academic Officer (or Designee) Signature:

I, the Chief Academic Officer or Designee, certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Please type your first and last name _____

Date: _____

I understand that checking this box constitutes my legal signature.

¹ For IP code classifications, please see <http://nces.ed.gov/ipeds/datacenter/ipedscode/areas.asp>

² "Proposed Effective Term" refers to term when change to program is published. For **Suspensions and Discontinuations**, "effective term" refers to the term the program will suspend admissions.

Program Change Description - Abbreviated Template

Section I: The Request

Utah State University requests approval to discontinue K-6;
Dual K-6/Special Education Birth to 5;
Dual K-6/Special Education Mild/Moderate;
Dual K-6/Special Education Severe effective Spring 2020. This action was approved by the institutional Board of Trustees on .

Section II: Program Proposal

Program Change Description/Rationale

Present a brief program change description. Describe the institutional procedures used to arrive at a decision for the change. Briefly indicate why such a change should be initiated. State how the institution and the USHE benefit by the change.

All K-6 degree programs leading to teacher licensure are to be discontinued. The Utah State Board of Education (USBE) revised its rules concerning teacher licensure. This new rule becomes effective in January 2020. Faculty of the School of Teacher Education and Leadership discussed the rule change and determined that it would be necessary to discontinue the four K-6 options to comply with the new rule.

1. K-6 - This program resulted in licensure to teach kindergarten through grade six.
2. Dual K-6/Special Education- Birth to 5 - This program resulted in licensure to teach regular education grades kindergarten through grade six and to teach special education birth through age five.
3. Dual K-6/Special Education - Mild/Moderate Specialization - This program resulted in licensure to teach regular education grades kindergarten through grade six and special education K-12 mild/moderate.
4. Dual K-6/Special Education - Significant Cognitive Disabilities Specialization - This program resulted in licensure to teach regular education grades kindergarten through grade six and special education K-12 severe.

Licensure options in the new rule include early childhood education and elementary education, as well as the special education categories such as Birth to 5, Mild/Moderate, and Severe. Degree options at Utah State University already exist for these licensure areas singly and in combination. For example, students will still be able to earn a license in Elementary Education or Elementary Education/Mild/Moderate. Only the K-6 option is being discontinued.

Utah State University (USU) benefits by bringing its degree options in line with the rule. This also streamlines the offerings for a Bachelor's degree within the School of Teacher Education and Leadership (TEAL), which simplifies the decision for students as to what their licensure choice will be.

Consistency with Institutional Mission/Institutional Impact

Explain how the action is consistent with the institution's Regent-approved mission, roles, and goals. Institutional mission and roles may be found at higheredutah.org/policies/policy312/ . Indicate if the program will be delivered outside of designated service area; provide justification. Service areas are defined in higheredutah.org/policies/policy315/ . Will faculty or staff structures be impacted by the proposed change?

This action is consistent with USU's mission of "serving the public." USBE changed its rule to streamline the licensure process specifically in response to the current teacher shortage. By aligning with the rule, TEAL better serves its students when they complete their programs and apply for teacher licensure. Faculty and staff structures will not be impacted by this change as other licensure options in elementary education, early childhood education, and dual or composite degrees with special education and deaf education will continue.

Impact of Discontinuation

Indicate the statewide impact of discontinuing this program. Explain how currently admitted students may complete the program within a reasonable period of time compatible with accreditation standards either through either (1) enrollment of students at other institutions of higher education; or (2) courses being taught for a maximum of two years after discontinuation of the program or until no admitted students remain who are entitled to complete the program, whichever comes first.

USBE hopes that streamlining the licensure rule will lead to more individuals being able to take advantage of various routes to licensure, thus ameliorating the current teacher shortage. TEAL faculty support this change and will continue to be active in providing multiple options to students on the Logan campus and at regional campuses and centers to achieve teacher licensure. Students currently completing K-6 majors will be able to finish under their current program of study as all courses needed for these majors will continue to be offered because they are also required in the remaining licensure options.

Finances

What costs or savings are anticipated from this change? If new funds are required to implement the change, indicate expected sources of funds. Describe any budgetary impact on other programs or units within the institution.

No new costs or savings are anticipated as new students will be directed to other majors that remain. Enrollment levels will be maintained and, potentially, increased.

28 June 2019

ITEM FOR ACTION

RE: Faculty and Staff Adjustments

The attached faculty and staff adjustments are submitted for the Trustees consideration. They have received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

The faculty and staff adjustments include five (5) changes in title or assignment and two (2) new appointments.

RECOMMENDATION

The President and Provost recommend that the Board of Trustees approve the attached faculty and staff adjustments.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, The President and the Provost recommend that the Board of Trustees approve five (5) changes in title or assignment and two (2) new appointments.

NOW, THEREFORE, BE IT RESOLVED, That the USU Board of Trustees hereby approve the recommendation of the faculty and staff adjustments.

RESOLUTION APPROVED BY THE USU BOARD OF TRUSTEES:

Date

Faculty and Staff Adjustments

a. Change in Title or Assignment

Emma Eccles Jones College of Education and Human Services

Jamison D. Fargo, Associate Dean and Professor, Department of Psychology, Emma Eccles Jones College of Education and Human Services, to be Executive Associate Dean and Professor of the same; effective 01 July 2019. Change in salary to \$180,000/12-months.

Laura M. Dotson, Professional Practice Assistant Professor, Department of Nursing and Health Professions, Emma Eccles Jones College of Education and Human Services, to also be Director of Practical and Associate Degree Nursing Programs of the same, located at the USU Price campus; effective 01 July 2019; replacing Carole Grady. Change in salary to \$90,821/12-months.

College of Engineering

Zhongquan (Charlie) Zheng, Department Head and Professor, Department of Mechanical and Aerospace Engineering, College of Engineering, to be granted tenure; effective 01 July 2019.

David G. Tarboton, Professor, Department of Civil and Environmental Engineering, College of Engineering, to also be Director of the Utah Water Research Laboratory (UWRL), College of Engineering; effective 01 July 2019; replacing Mac McKee. Change in salary to \$205,602/12-months.

College of Science

Lance C. Seefeldt, Professor, Department of Chemistry and Biochemistry, College of Science, to be Department Head and Professor of the same; effective 01 July 2019; replacing Alvan C. Hengge. Change in salary to \$180,836/12-months.

b. New Appointment

Caine College of the Arts

Rachel L. Nardo to be Dean and Professor with tenure, Department of Music, Caine College of the Arts; effective 01 July, 2019; replacing Craig D. Jessop. B.A. California State University, Northridge, 1978; M.S. University of Illinois, 1986; D.M.A. University of Southern California, 1996. Salary to be \$190,000/12-months.

Vice President for Business and Finance

Earl R. Morris to be Executive Director, Department of Public Safety, Office of the Vice President for Business and Finance; effective 01 July 2019; replacing Michael J. Kuehn. B.S. Weber State University, 1986; M.S. Utah State University, 1989. Salary to be \$123,000/12-months.

ITEM FOR ACTION

RE: Proposal to Adopt Code of Ethics for the Nora Eccles Harrison Museum of Art

The attached Code of Ethics is submitted to the Board of Trustees for consideration. It has received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

The University recognizes that the Nora Eccles Harrison Museum of Art (herein referred to as the "Museum") has a legal as well as ethical responsibility and commitment to the interests of the public it serves and to maintain its integrity and public confidence, the Museum subscribes to the American Alliance of Museums' (AAM) *Code of Ethics for Museums* (2000). In subscribing to this code, members of the governing authority, employees, and volunteers accept and understand that public service is paramount. This responsibility is defined as the proper care, interpretation and preservation of items of visual culture which are part of the Museum's permanent collections and artwork that is loaned to the Museum as part of exhibition programming.

The University desires to adopt the updated Code of Ethics for the Museum as shown in the attached document.

RECOMMENDATION

The President and the Provost recommend that the Board of Trustees approve the updated Code of Ethics of the Nora Eccles Harrison Museum of Art as an umbrella governing document for its policies and procedures, compliant with best practices of museums and with Utah state law.

RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES

WHEREAS, The University desires to approve the updated Code of Ethics of the Nora Eccles Harrison Museum of Art, as shown in the document; and

WHEREAS, This governing document was submitted to the Executive Committee and approved by the Executive Committee; and

WHEREAS, The procedures for adopting supplemental policies and governing documents for University units have been followed:

NOW, THEREFORE, BE IT RESOLVED, that the USU Board of Trustees approve the updated Code of Ethics

RESOLUTION APPROVED BY THE BOARD OF TRUSTEES:

Date

Nora Eccles Harrison Museum of Art, Utah State University

Code of Ethics

I. INTRODUCTION

Recognizing that the Nora Eccles Harrison Museum of Art (herein referred to as the “Museum”) at Utah State University has a legal as well as ethical responsibility and commitment to the interests of the public it serves and to maintaining its integrity and public confidence, the Museum subscribes to the American Alliance of Museums’ (AAM) *Code of Ethics for Museums* (2000). In subscribing to this code, members of the governing authority, advisory board, museum employees, and volunteers accept and understand that public service is paramount. This responsibility is defined as the proper care, interpretation and preservation of items of visual culture which are part of the Museum’s permanent collections and artwork that is loaned to the Museum as part of exhibition programming.

Loyalty to the mission of the Museum and to the public it serves is the essence of museum work, whether volunteer or paid. Where conflicts of interest arise--actual, potential, or perceived--the duty of loyalty must never be compromised. No individual may use his or her position in a museum for personal gain or to benefit another at the expense of the museum, its mission, its reputation, and the society it serves.

Scope

In subscribing to the AAM *Code of Ethics for Museums* and elaborating its application to governance, collections and programs, the Museum assumes responsibility for the actions of members of its governing authority, employees, and volunteers in the performance of Museum-related duties. In so doing, the Museum affirms its chartered purpose, ensures the prudent application of its resources, enhances its effectiveness, and maintains public confidence.

Authority Recognition

This Code of Ethics is superseded by all laws, regulations, and international agreements of the United States and the State of Utah. Within this framework, this Code of Ethics is also superseded by the general policies and regulations of the University and specific regulations applicable to certain individuals, such as students and faculty.

Implementation

This Code of Ethics serves as the umbrella for the mission and policies of the Museum. The Museum’s policies are carried out under the guidance and supervision of its designated representative, the Executive Director and Chief Curator. The development of associated procedures is generally the responsibility of the Executive Director and Chief Curator and designated staff.

Periodic Review and Interpretation: The Executive Director reviews the Code of Ethics with the staff and advisory board members, addresses any recommended changes of this document and resolves any issues raised about its interpretation. This Code of Ethics is reviewed at least annually, and amended as needed.

II. GOVERNANCE

Administration

Utah State University's Board of Trustees and the University's academic administration, in the persons of the President, Provost, and the Museum Executive Director, are responsible for the Nora Eccles Harrison Museum of Art. (collectively referred to as the Museum Administration). The Museum Administration serves all parts of the Museum as well as the faculty, staff, students, visitors, and support and/or associated groups of the Museum. While the Museum Administration has the responsibility of serving these parties, it must also ensure that all activities are in agreement with federal, state, and University regulations, as well as the mission and policies established for the Museum.

Agreements and Contracts

The Provost, through its designated representative, the Executive Director, reserves the right to negotiate and involve the Museum with corporations, agencies, or other outside parties in projects and programs which have mutual interest. The governing body will not obligate the Museum to projects or programs that do not serve Utah State University's interests, or to situations that compromise the resources needed for ongoing activities related to the Museum's primary mission and functions.

Fiscal Matters

The Provost, through its designated representative, the Executive Director, is responsible for using budgeted funds and resources to serve the interests of the Museum and its mission, in a manner that provides an appropriate balance of allocations for staff, collections, facilities, equipment, programs, services, and other gallery and collection functions. In all fiscal matters, the governing body, through its agents, maintains full documentation and accountability for resource expenditures.

Personnel

The Museum Administration recognizes the greatest asset of the Museum is its staff, and that the quality of the staff is directly related to the Museum's ability to build and maintain collections, conduct research, develop exhibition and education programs for public and academic audiences, and perform ongoing services. For this reason, the Executive Director, is responsible for providing job descriptions, hiring qualified staff, providing training and career enhancement opportunities, supporting adherence to the Code of Ethics, providing resources to perform jobs, conducting periodic performance reviews and evaluations, and developing work environments that are in agreement with federal, state, and University regulations that address health, safety, and personnel issues.

Collection

The Museum Administration recognizes that the Collection is the foundation of the Museum's functions. The governing body recognizes that the possession of this Collection incurs legal and ethical obligations to provide proper housing, management, and care for the Collection and associated documentation. For these reasons, the Museum Administration, acting through the Executive Director and Chief Curator, is responsible for assuring that the scope of the Collection agrees with the Museum's mission, that collection growth is balanced with available resources, and that appropriate allocation is made of personnel, facilities, equipment, services, and support to address the ongoing needs of the Collection.

Audiences

The Museum Administration body recognizes the importance of serving both public and academic audiences, and that these audiences help justify financial support from federal, state, local, and private sources. For this reason, the Museum establishes activities that serve its broad constituency; is a facility that provides a responsive, safe, and comfortable environment; and, is a

resource for accurate information. The Museum is particularly sensitive to dealing properly with cultural, social, and legal issues, such as due respect for human remains, handicap access, and religious and cultural diversity.

III. COLLECTION

The Museum assumes the role of stewardship of its collection, which entails the highest public trust and carries with it the presumption of rightful ownership, permanence, care, documentation, accessibility, and responsible disposal.

Acquisition

The growth and development of collections adheres to the Mission Statement, Scope of Collections, and Acquisition Policy outlined in the Museum's Collection Management Policy, particularly to legal and ethical acquisition, clear ownership, provenance, condition, value, need, and ability to provide proper long-term care. The Museum is committed to continued growth and development of collections, in a manner that reflects quality and relevance over quantity. New acquisitions will emphasize collection integrity, object integrity, and maximum associated information.

Disposal

The disposal of accessioned collection objects follows the Deaccession section of the Collections Management Policy of the Museum and written procedures for policy implementation. All deaccessioned material is approved by the Executive Director and Chief Curator, documented fully, clearly justified, disposed of appropriately, and free from problems of ownership, conflict of interest, and ethical and legal issues. No personal gain resulting from deaccessioned material is to be realized by any individual having affiliations with the Museum or the University. Furthermore, any funds realized from deaccessioned objects may **only** be used to acquire additional artworks for the collection.

Management, Care and Use

The management, care, and use of these collections follow the Collections Management Policy of the Museum, such as for security, loans, object utilization, integrated pest management, emergency preparedness, and preventive conservation. Implementation of the Collection Management Policy is based on written procedures that:

- 1) meet museum and academic standards for the respective collections;
- 2) include specifications for providing proper care with respect to environment, housing, and handling, and;
- 3) incorporate all parts of the collection, including objects, associated data, collection records, reference material, and specialized collections.
- 4) recognize the unique and special nature of sacred objects and apply appropriate standards for the basis of all decisions concerning collections of materials of Native Cultures.
- 5) Does not allow gifts of artwork with restrictions without the approval of the Advisory Board and the University's General Counsel, particularly gifts of art works requiring a guarantee of perpetuity of an attribution or the circumstances of storage or exhibition.

As adopted by the Association of Art Museum Directors (AAMD) and the Association of Academic Museums and Galleries, Utah State University shall not capitalize art collection holdings on its financial statements. As per the AAMD:

"The collections the museum holds in public trust are not financial assets and may not be converted to cash for operating or capital needs. No collection or portion thereof may be pledged as collateral for a loan, except that a museum may grant a security interest in a work that it is acquiring in order to secure the payment of the balance of the purchase price. To present fairly the museum's financial position, collections should not be capitalized.... Likewise, no funds established for future art acquisitions (endowment or otherwise) should be pledged as

collateral for loans. Member organizations should follow applicable accounting standards regarding the use of restricted funds and honor donor intent regarding the establishment and use of such funds.”¹

Furthermore, the American Alliance of Museums (AAM) makes it clear that accreditation shall not be granted to institutions with capitalized collections. Institutions that engage in this accounting practice shall be in direct violation of the AAM’s Code of Ethics:

“Thus, the museum ensures that disposal of collections through sale, trade or research activities is solely for the advancement of the museum’s mission. Proceeds from the sale of nonliving collections are to be used consistent with the established standards of the museum’s discipline, but in no event shall they be used for anything other than acquisition or direct care of collections.”²

IV. PROGRAMS

The Museum programs, in alignment with its Mission, include exhibitions, research, publications, and educational activities to provide further understanding and appreciation of its Collection relative to concerns, interests and needs of society. All programs are developed and implemented with consideration to the mission of Utah State University and uphold its responsibilities to the public trust in the highest regard.

V. PROFESSIONAL CONDUCT

Statement

This Code of Ethics pertains to all governing bodies, faculty and staff members, students, volunteers, and support and/or associated groups of the Museum. The staff of the Nora Eccles Harrison Museum of Art is subject to the same conditions of employment, responsibilities, codes of conduct, benefits, and regulations as are all employees of Utah State University as mandated in the University’s policies, procedures and other guidance.

Professional conduct by all employees of the Nora Eccles Harrison Museum of Art will be guided by the principles set forth in *Code of Ethics for Museums*, the publication of the American Alliance of Museums through which the standards of museum conduct are defined.

Responsibility of the Museum

Code of Ethics, Policies, and Procedures: Individuals having an affiliation with the Museum are expected to be familiar with and to abide by the Code of Ethics, Policies, and Procedures adopted by the Museum as well as all University policy. .

Duties and Responsibilities: Individuals having an affiliation with the Museum are expected to fulfill all duties and responsibilities of their designated position and written job description in a timely and professional manner.

Use of Resources: All resources of the Museum, including but not limited to personnel, salaried-time, facilities, collections, images, equipment, supplies and funds, serve the interests and purposes of the Museum. Unauthorized use of these resources by any individual, strictly for personal benefit,

¹ Refer to Association of Art Museum Directors, *Professional Practices in Art Museums*, 2011, Page 11-12. See the AAMD.org website: <https://www.aamd.org/sites/default/files/document/2011ProfessionalPracticesinArtMuseums.pdf>

² Refer to American Alliance of Museums Code of Ethics on the AAM-US.org website: <https://www.aam-us.org/programs/ethics-standards-and-professional-practices/code-of-ethics-for-museums/>

is ethically irresponsible and may be regarded as a violation of University policy, a conflict of interest, fraud, or theft.

Conflicts of interest

Individuals having an affiliation with the Museum must avoid situations that may be construed as a conflict of interest. Concerns about potential conflicts of interest will be conveyed immediately to the appropriate University authority and handled consistent with University policy. The purpose of this concern is to prevent the actual or perceived conflict between personal collecting and the objectives of the Museum. Potential conflicts of interest include but are not limited to:

- 1) personal collecting within the curatorial collection areas of the Museum;
- 2) using the Museum's affiliation, resources, or the influence of one's position in unauthorized ways for personal benefit, or to serve the interests of persons outside the Museum;
- 3) placing the Museum in a situation that compromises its mission, policies, functions, practices, or philosophies;
- 4) placing the Museum in a situation that it unduly competes with outside parties, and;
- 5) participating in other employment that compromises one's capability to perform in a timely and professional manner.

Discretion and Confidentiality

Many Museum employees have daily access to confidential records and information related to Museum members, donors/contributors, Museum security, future exhibitions, art collections, Museum finances and personnel/salary data, and other confidential matters.

- a. All confidential information maintained by the Museum will be used by employees only for the purpose intended and consistent with University policies.
- b. It will be accessible only to Museum employees who hold positions having authorized access, or to employees with an official "need to know," so designated by the Museum Executive Director.

ITEM FOR ACTION

Re: Utah State University Research Foundation

Recommendation for re-appointment to Research Foundation Board

EXECUTIVE SUMMARY

Utah State University Research Foundation Board submits to the President of Utah State University and the Utah State University Board of Trustees recommendations to appoint individuals to the Research Foundation Board. These recommendations are consistent with Article VI of the Amended and Restated Articles of Incorporation and Article II, Sections 4 and 5, and Article III, Sections 1 and 2, of the Amended Bylaws of the USU Research Foundation. This recommendation was made by a resolution of the majority of the USU Research Foundation Board after appropriate review and discussion.

RECOMMENDATION

The USU Research Foundation Board recommends the re-appointment of Dean Maura Hagan as Trustee to the Utah State University Research Foundation Board for an additional three (3)-year term beginning when her current term expires.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, the term of Dean Maura Hagan as Trustee for the Utah State University Research Foundation expires June 2019; and

WHEREAS, Dean Hagan's service as Trustee has been very beneficial to the Foundation; and

WHEREAS, the Foundation recommends it would be beneficial for her service as Trustee to continue;

NOW, THEREFORE, BE IT RESOLVED, that the President of Utah State University and the Utah State University Board of Trustees hereby approve Dean Maura Hagan's re-appointment to the Utah State University Research Foundation Board for a three (3)-year term beginning June 2019.

RESOLUTION APPROVED BY THE USU BOARD OF TRUSTEES:

Date

Maura E. Hagan
Abbreviated Curriculum Vitae
May 5, 2016

Professional Experience

September, 2015 Dean, College of Science and Professor of Physics,
-- present Utah State University, Logan, Utah.

October, 2015 Senior Scientist Emerita, High Altitude Observatory,
-- present National Center for Atmospheric Research.

August, 1992 Scientist, High Altitude Observatory, National Center for
-- August, 2015 Atmospheric Research; promoted to Senior Scientist in 2003.

March, 2013 Interim Director, National Center for Atmospheric Research,
-- August, 2013 Boulder, Colorado.

August, 2008 Deputy Director, National Center for Atmospheric Research,
-- September, 2013 Boulder, Colorado.

August, 2005 Director, Advanced Study Program, National Center for
-- May, 2010 Atmospheric Research, Boulder, Colorado.

Education

Ph.D. in Physics, 1987, Boston College, Chestnut Hill, Massachusetts. Dissertation entitled, "Solar Cycle Variability of Exospheric Temperature."

M.S. in Physics, 1980, Boston College, Chestnut Hill, Massachusetts.

B.A. in Physics, 1975, Emmanuel College, Boston, Massachusetts.

Honors

American Geophysical Union Space Physics and Aeronomy Marcel Nicolet Lecturer, American Geophysical Union Meeting, December 2014

Outstanding Accomplishment Award for Mentoring, University Corporation for Atmospheric Research, 2013

Fellow, American Geophysical Union, 2011

Fellow, American Meteorological Society, 2011

NASA Group Achievement Award, Thermosphere Ionosphere Mesosphere Energetics and Dynamics (TIMED) Satellite Team Member, 2008

NASA Group Achievement Award, Upper Atmosphere Research Satellite (UARS) Team Member, 2006

NSF Coupling Energetics and Dynamics of Atmospheric Regions (CEDAR) Prize Lecturer, 2004

Service on Boards and Committees

Member, Association of Universities for Research in Astronomy (AURA) Board of Directors and Chair of the Solar Observatory Council (SOC), July 2015 to present

Member, Board on Atmospheric Sciences and Climate (BASC) of the National Academies, September 2014 to present

Acting Chair, NSF Geospace Sciences Committee of Visitors, June 2014

Member, American Geophysical Union (AGU) Space Physics and Aeronomy (SPA) Advocacy Committee, July 2013 to July 2014

Member, Association of Universities for Research in Astronomy (AURA) Solar Observatory Council (SOC), July 2013 to 2015

Member, American Meteorological Society Awards Nominating Committee, January 2013 to present

Member, American Geophysical Union Space Physics and Aeronomy Fellows Committee, December 2012 to present

Member, Science Committee of the NASA Advisory Council and Chair of the Heliophysics Subcommittee, May 2012 to April 2015

Member, Wyoming Experimental Program to Stimulate Competitive Research (EPSCoR) Governing Committee, August 2011 to September 2015

Recent Refereed Journal Publications

Maute, A., M. E. Hagan, V. Yudin, H.-L. Liu, E. Yizengaw (2015), Causes of the longitudinal differences in the equatorial vertical ExB drift during the 2013 SSW period as simulated by the TIME-GCM, *J. Geophys. Res. Space Physics*, 120, doi:10.1002/2015JA021126.

Hagan, M. E., Häusler, K., G. Lu, J. M. Forbes, and X. Zhang (2015), Upper thermospheric responses to forcing from above and below during April 1-10, 2010, *J. Geophys. Res. Space Physics*, 120, doi:10.1002/2014JA020706.

Häusler, K., M. E. Hagan, J. M. Forbes, X. Zhang, E. Doornbos, S. Bruinsma, and G. Lu (2015), Intra-annual variability of tides in the thermosphere from model simulations and in-situ satellite observations, *J. Geophys. Res. Space Physics*, 119, doi:10.1002/2014JA020579.

Lu, G., M. Hagan, K. Häusler, E. Doornbos, S. Bruinsma, B. J. Anderson, and H. Korth (2015), Global ionospheric and thermospheric response to the 5 April 2010 geomagnetic storm: An integrated data-model investigation, *J. Geophys. Res. Space Physics*, 119, 10,358- 10,375, doi:10.1002/2014JA020555.

Jones Jr., M., J. M. Forbes, and M. E. Hagan (2014), Tidal-induced net transport effects on the oxygen distribution in the thermosphere *Geophys. Res. Lett.*, doi: 10.1002/2014GL060698.

Häusler, K., M. E. Hagan, A. J. G. Baumgaertner, A. Maute, G. Lu, E. Doornbos, S. Bruinsma, J. M. Forbes, and F. Gasperini (2014), Improved short-term variability in the thermosphere ionosphere-mesosphere-electrodynamics general circulation model, *J. Geophys. Res.*, doi: 10.1002/2014JA020006.

Jones Jr., M., J. M. Forbes, M. E. Hagan, and A. Maute (2014), Impacts of vertically propagating tides on the mean state of the ionosphere-thermosphere system, *J. Geophys. Res.*, doi: 10.1002/2013JA019744.

Maute, A., M. E. Hagan, A. D. Richmond, and R. G. Roble (2014), TIME-GCM study of the ionospheric equatorial vertical drift changes during the 2006 Stratospheric Sudden Warming, *J. Geophys. Res.*, doi: 10.1002/2013JA019490.

Jones Jr., M., J. M. Forbes, M. E. Hagan, and A. Maute (2013), Non-migrating tides in the ionosphere-thermosphere: In-situ versus tropospheric sources, *J. Geophys. Res.*, doi: 10.1002/jgra.50257.

ITEM FOR ACTION

Re: Utah State University Research Foundation

Recommendation for appointment to Research Foundation Board

EXECUTIVE SUMMARY

Utah State University Research Foundation (USURF) Board submits to the President of Utah State University and the Utah State University Board of Trustees recommendations to appoint individuals to the USURF Board. These recommendations are consistent with Article VI of the Amended and Restated Articles of Incorporation and Article II, Sections 4 and 5, and Article III, Sections 1 and 2, of the Amended Bylaws of USURF. These recommendations were made by a resolution of the majority of the USURF Board after appropriate review and discussion.

RECOMMENDATIONS

The USURF Board recommends the appointment of Dr. Lisa M. Berreau as a trustee to the Utah State University Research Foundation Board for a one (1)-year term beginning with the August 2019 Board meeting. The appointment of Dr. Berreau will strengthen the Board's representation in the space industry.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, the Utah State University Research Foundation has vacancies on the Foundation Board,

AND WHEREAS, Dr. Berreau has experience and knowledge in research that will lend strength to the Board,

NOW, THEREFORE, BE IT RESOLVED, that the President of Utah State University and the Utah State University Board of Trustees hereby approve Lisa M. Berreau to be appointed to the Utah State University Research Foundation Board for a one (1)-year term.

RESOLUTION APPROVED BY THE USU BOARD OF TRUSTEES:

Date

Lisa M. Berreau

Address

Office of Research
Utah State University
1450 Old Main Hill
Logan, UT 84322-1450

Phone (office): (435) 797-3509
Phone (cell): (435) 757-3536
Email: lisa.berreau@usu.edu

Education and Training

Institution	Degree (if applicable)	Year(s)	Field of Study
University of Minnesota	NIH Postdoctoral Fellowship	1995-1998	Bioinorganic chemistry
Iowa State University	Ph.D,	1994	Inorganic Chemistry
Mankato State University	B.S.	1990	Chemistry

Appointments

Associate Vice President for Research, Utah State University (July 1, 2018 – present)
Executive Associate Dean, USU College of Science (Sept. 1, 2015 – June 30, 2018)
Interim Dean, USU College of Science (July 1, 2014 – August 31, 2015)
Professor of Chemistry (July 1, 2011 – present)
Associate Dean, USU College of Science (July 1, 2005 – June 30, 2014)
Associate Professor of Chemistry with Tenure (July 1, 2004 – June 30, 2011)
Assistant Professor of Chemistry (Aug. 24, 1998 – June 30, 2004)

Administrative and Service Highlights

- **Associate Vice President for Research, USU.** My primary duties are focused on providing administrative oversight for the USU offices of: (1) Technology Transfer Services; (2) Environmental Health & Safety; (3) Sponsored Programs; (4) Institutional Animal Care and Use; and (5) Proposal Development. Additional duties include oversight of seed grant and equipment grant programs,
- **Associate Dean/Executive Associate Dean, USU College of Science.** My primary duties in the USU College of Science focused on oversight of: (1) research- and graduate-related areas (graduate tuition pool, college-level awards, seed grants, PDRF distribution); (2) faculty and personnel issues (promotion and tenure processes, faculty data); (3) space/facilities utilization, and (4) safety. I also contributed to several additional areas, including the design and content of our college website and magazine (Discovery).
- **Interim Dean, USU College of Science.** During my 13-month term as interim dean I moved the College of Science forward by: (1) embracing a business services center model and negotiating for a new position for this center; (2) securing additional funds from the central administration to hire lecturers in the Departments of Biology and Chemistry & Biochemistry and additional TAs; and (3) a novel dual career hire involving two 0.5 FTE positions that resulted in a female being brought on to the faculty in the Department of Physics.
- **Key Committee and Advisory Board Memberships:** I routinely serve on NSF and NIH review panels and have chaired 12 NIH NRSA postdoctoral fellowship review panels. External to USU I am currently the treasurer for the 5000+ member American Chemical Society Division of Inorganic Chemistry where I have implemented changes that have stabilized the budget.

- **Major Research Instrument Acquisition:** Over the past 15 years I have led efforts to modernize the major research instrumentation in the Department of Chemistry & Biochemistry. I have written (or co-written) four successful proposals to the National Science Foundation to obtain funding for two new nuclear magnetic resonance (NMR) instruments, an electron paramagnetic resonance spectrometer, and a benchtop X-ray crystallography system.

Awards and Honors

College of Science Faculty Researcher of the Year, USU	2019
Sunrise Session Speaker, USU	2018
Fellow, American Association for the Advancement of Science (AAAS)	2016
USU College of Science Undergraduate Research Mentor of the Year	2006
Herman Frasch Foundation Award	2002-2007
Merrill Library Faculty Award, Utah State University	2002
National Science Foundation CAREER Award	2001-2006
NRSA Postdoctoral Fellowship, NIH	1995-1998
Alpha Chi Sigma Outstanding Graduate Research Award	1994
Department of Education GAANN Fellowship	1993
PACE and Noble Hines Fellowships	1990
Women in Science and Engineering Award	1990
American Institute of Chemists Senior Award	1990

Total External Funding as PI or Co-PI: >\$3.4 M (primarily NSF, NIH)

Total Peer Reviewed Publications: 80

Patent: Carbon Monoxide Releasing Molecules and Associated Methods, US 9,840,488, 12/12/17

Student Training

9 Ph.D., 3 MS students mentored to date (4 Ph.D. in progress: Tatiana Soboleve, Josiah Elsberg, Steve Anderson, Taylor Sledge)
47 Undergraduate researchers mentored

Departmental Service (Selected)

Advisor, ACS Student Affiliate Chapter, 2007-2017

External Service (Selected)

1) Treasurer, ACS Division of Inorganic Chemistry (5000+ members), 2014-present

2) Grant Proposal Review Panels:

NSF Panels in past 4 years: Synthesis, Catalysis, Chemistry of Life Processes, Major Research Instrumentation, Center for Chemical Innovation

NIH MSFA (Macromolecular Structure/Function A): Jan. 2009, June 2010

NIH Graduate Fellowship (F04A) Panels (12 as chair): June 2014 (chair), Nov. 2013 (chair), July 2012 (chair), March 2012 (chair), Nov. 2011 (chair), Oct. 2009 (chair), June 2009 (chair),

March 2009 (chair), Oct. 2008 (chair), June 2008 (chair), March 2008 (chair), October 2007, March 2006, July 2005 (chair), March 2005, Nov. 2004, Nov. 2002, July 2002

3) Manuscript Reviewer: *Angewandte Chemie – International Edition*, *Journal of the American Chemical Society*, *Chemical Reviews*, *Inorganic Chemistry*, *Chemical Communications*, *Dalton Transactions*, *Chemical Society Reviews*, *Polyhedron*, *Inorganica Chimica Acta*, *Journal of Biological Inorganic Chemistry*, *Journal of Inorganic Biochemistry*, *Journal of Coordination Chemistry*, *Chemistry – A European Journal*, *Journal of Molecular Biology*, *Structural Chemistry*, *European Journal of Inorganic Chemistry*, *Journal of Trace Elements in Medicine and Biology*, *Physical Chemistry Chemical Physics*, *European Journal of Medicinal Chemistry*, *J. Ag. Food Chem.*, *ACS Omega*, *Journal of Catalysis*, *ChemistrySelect*, *Sensors and Actuators B: Chemical*, *Inorganics*, *Molecules*, *Organic Letters*, *ChemBioChem*, *ChemCatChem*, *New Journal of Chemistry*

4) Editorial Advisory Boards:

Journal of Inorganic Biochemistry 2017-present

Inorganic Chemistry 2007-2010

Journal of Coordination Chemistry 2007-present

Dalton Transactions 2005-2011

Bioinorganic Reaction Mechanisms 2011-2014

ITEM FOR ACTION

RE: Certificate of Treasurer for February 2019

The Certificate of Treasurer for February 2019 is submitted to the Board of Trustees for consideration. It has received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

The State Appropriated Funds budget at 28 February 2019 totaled \$416,432,556, up \$19,616,796 (4.94%) over the same 2017-2018 period. The year-to-date state appropriated funds expenditures totaled \$238,548,083, up \$10,419,926 (4.57%) over the same 2017-2018 period and represented 57% of the total budget. The percent of budget expended, 57%, was 10% less than would be expected to be spent on a strict time of budget year expired basis.

Total expenditures for all funds totaled \$557,838,944, down \$1,857,988 (0.33%) from the same 2017-2018 period.

RECOMMENDATION

The President and Vice President for Business and Finance recommend that the Board of Trustees approve the Certificate of Treasurer for February 2019.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, Authorized invoices and supporting papers have been filed pertaining to those expenditures listed on the attached Certificate of Treasurer; and

WHEREAS, Expenditures listed on the attached Certificate of Treasurer have been reviewed and approved for payment by the USU Controller's Office, Purchasing Department, and other departments; and

WHEREAS, The expenditures listed on the attached Certificate of Treasurer are in accordance with the laws and rules of Utah State University and the State of Utah; and

WHEREAS, The Chief Financial Officer for Utah State University, David T. Cowley, Vice President for Business and Finance, has certified to the best of his knowledge and belief that all expenditures listed on the attached Certificate of Treasurer were legitimate claims against Utah State University and funds were available for payment of said claims; and

WHEREAS, Vice President Cowley requests approval of the listed expenditures by fund for the period 01 July 2018 to 28 February 2019 on the attached Certificate of Treasurer; and

WHEREAS, The President of Utah State University has reviewed the attached Certificate of Treasurer and recommends its approval of those expenditures listed thereon by the Utah State University Board of Trustees; and

WHEREAS, The USU Board of Trustees has reviewed and given due consideration, review, and authorization of the expenditures listed on the attached Certificate of Treasurer;

NOW, THEREFORE, BE IT RESOLVED, That the USU Board of Trustees hereby approves the attached Certificate of Treasurer as presented and ratifies the expenditures listed on said Certificate of Treasurer for February 2019.

RESOLUTION APPROVED BY THE USU BOARD OF TRUSTEES:

Date

CERTIFICATE OF TREASURER

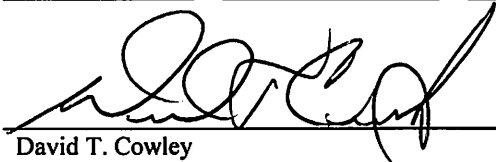
I, David T. Cowley, Vice President for Business and Finance, of Utah State University, do hereby certify as follows and request approval of the listed expenditures by fund for the period 1 July 2018 to 28 February 2019.

Authorization, invoices, and supporting papers have been filed pertaining to the following enumerated expenditures, which have been reviewed and processed for payment by the Controller's Office, Purchasing Department, and other departments; according to the laws, rules, and regulations of Utah State University and the State of Utah. To the best of my knowledge and belief, all are legitimate claims against Utah State University and funds were available for payment of said claims.

State Appropriated Funds	Budget	Percent of Budget Expended (67% Fiscal Year Expired)	1-Feb-19 28-Feb-19	Year to Date	Prior Year to Date	Increase (Decrease) from Prior Year	Percent Increase (Decrease) from Prior Year
Education and General (Except Athletics)	\$277,616,044	61%	\$21,599,204	\$168,912,252	\$159,864,765	\$9,047,487	5.66 %
Athletics	7,394,889	62%	614,490	4,584,309	4,173,832	410,477	9.83 %
E&G - O&M	4,323,453	8%	65,879	355,178	578,165	(222,987)	(38.57) %
Agricultural Experiment Station	17,319,740	50%	1,103,432	8,631,149	8,810,909	(179,760)	(2.04) %
UWRL Appropriation	3,719,309	44%	193,879	1,629,377	1,635,167	(5,790)	(0.35) %
UWRL Apportionment	2,966,393	30%	118,454	899,479	954,381	(54,902)	(5.75) %
Regional Campuses - Tooele	12,821,860	63%	692,511	8,114,210	8,416,711	(302,501)	(3.59) %
Educationally Disadvantaged	100,000	63%	573	63,334	90,568	(27,234)	(30.07) %
Southeastern Utah - Cont. Ed. Center	11,782	67%	956	7,842	1,867,958	(1,860,116)	(99.58) %
Regional Campuses - Uintah Basin	10,029,544	62%	526,750	6,266,946	4,415,779	1,851,167	41.92 %
Cooperative Extension	25,045,279	41%	1,256,100	10,305,141	8,934,569	1,370,572	15.34 %
Regional Campuses - Brigham City	14,438,800	59%	622,999	8,455,703	12,336,623	(3,880,920)	(31.46) %
USTAR	238	0%	-	-	-	-	- %
E&G - Vet Med	9,806,050	43%	1,039,309	4,242,893	3,545,528	697,365	19.67 %
Regional Campuses - Administration	7,713,918	45%	225,638	3,492,980	-	3,492,980	100.00 %
Price (USU Eastern)	16,391,426	53%	1,040,613	8,745,432	8,784,884	(39,452)	(0.45) %
Blanding Campus (USU Eastern)	4,514,106	58%	302,883	2,610,734	2,505,606	105,128	4.20 %
Educationally Disadvantaged (USU Eastern)	145,522	35%	4,066	50,359	46,496	3,863	8.31 %
Prehistoric Museum (USU Eastern)	541,370	67%	38,803	363,883	309,813	54,070	17.45 %
USU-Eastern Career & Technical Educ	1,532,833	53%	103,213	816,882	856,403	(39,521)	(4.61) %
Total State Appropriated Funds	<u>\$416,432,556</u>	57%	<u>\$29,549,752</u>	<u>\$238,548,083</u>	<u>\$228,128,157</u>	<u>\$10,419,926</u>	4.57 %
 Total State Appropriated Funds 2017-2018	 <u>\$396,815,760</u>						
Increase from 2017-2018	<u>\$19,616,796</u>						
Percent Increase from 2017-2018	<u>4.94%</u>						

	1-Feb-19 28-Feb-19	Year to Date	Prior Year to Date	Increase (Decrease) from Prior Year	Percent Increase (Decrease) from Prior Year
Other Unrestricted Funds					
Overhead Reimbursement for R & D	\$600,985	\$7,567,451	\$8,167,461	(\$600,010)	(7.35) %
Designated	6,546,389	58,994,875	48,331,144	10,663,731	22.06 %
Service Departments	5,024,858	38,893,993	38,127,902	766,091	2.01 %
Auxiliary Enterprises (Except Athletics)	2,920,576	25,509,273	25,783,859	(274,586)	(1.06) %
Athletics - USU	1,512,852	15,677,978	15,000,527	677,451	4.52 %
	<u>16,605,660</u>	<u>146,643,570</u>	<u>135,410,893</u>	<u>11,232,677</u>	<u>8.30 %</u>
Other Restricted Funds					
Instruction	1,549,968	13,039,736	13,198,824	(159,088)	(1.21) %
Research	3,884,049	35,679,472	36,397,911	(718,439)	(1.97) %
Public Service	3,819,268	34,470,197	33,284,440	1,185,757	3.56 %
Academic Support	613,967	5,075,469	5,113,630	(38,161)	(0.75) %
Student Services	828,701	7,322,275	6,813,446	508,829	7.47 %
Institutional Support	296,000	784,245	1,097,646	(313,401)	(28.55) %
Operation and Maintenance of Plant	11,236	143,958	(53,182)	197,140	370.69 %
Scholarships and Fellowships	1,104,548	58,991,859	55,909,296	3,082,563	5.51 %
Service Departments	2,401	9,028	18,390	(9,362)	(51) %
Auxiliary Enterprises	103,444	(408,747)	(458,261)	49,514	10.80 %
	<u>12,213,582</u>	<u>155,107,492</u>	<u>151,322,140</u>	<u>3,785,352</u>	<u>2.50 %</u>
Other Funds					
Plant Funds	2,834,550	17,461,559	44,743,047	(27,281,488)	(60.97) %
Associated Students	-	-	-	-	- %
Other Agency Funds	11,863	78,240	92,695	(14,455)	(15.59) %
	<u>2,846,413</u>	<u>17,539,799</u>	<u>44,835,742</u>	<u>(27,295,943)</u>	<u>(60.88) %</u>
Total All Funds	<u>\$61,215,407</u>	<u>\$557,838,944</u>	<u>\$559,696,932</u>	<u>(\$1,857,988)</u>	<u>(0.33) %</u>

6/17/19
Date


David T. Cowley

ITEM FOR ACTION

RE: Certificate of Treasurer for March 2019

The Certificate of Treasurer for March 2019 is submitted to the Board of Trustees for consideration. It has received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

The State Appropriated Funds budget at 31 March 2019 totaled \$416,681,888, up \$19,866,128 (5.01%) over the same 2017-2018 period. The year-to-date state appropriated funds expenditures totaled \$267,341,625, up \$11,636,846 (4.55%) over the same 2017-2018 period and represented 64% of the total budget. The percent of budget expended, 64%, was 11% less than would be expected to be spent on a strict time of budget year expired basis.

Total expenditures for all funds totaled \$621,369,011, up \$121,984 (0.02%) over the same 2017-2018 period.

RECOMMENDATION

The President and Vice President for Business and Finance recommend that the Board of Trustees approve the Certificate of Treasurer for March 2019.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, Authorized invoices and supporting papers have been filed pertaining to those expenditures listed on the attached Certificate of Treasurer; and

WHEREAS, Expenditures listed on the attached Certificate of Treasurer have been reviewed and approved for payment by the USU Controller's Office, Purchasing Department, and other departments; and

WHEREAS, The expenditures listed on the attached Certificate of Treasurer are in accordance with the laws and rules of Utah State University and the State of Utah; and

WHEREAS, The Chief Financial Officer for Utah State University, David T. Cowley, Vice President for Business and Finance, has certified to the best of his knowledge and belief that all expenditures listed on the attached Certificate of Treasurer were legitimate claims against Utah State University and funds were available for payment of said claims; and

WHEREAS, Vice President Cowley requests approval of the listed expenditures by fund for the period 01 July 2018 to 31 March 2019 on the attached Certificate of Treasurer; and

WHEREAS, The President of Utah State University has reviewed the attached Certificate of Treasurer and recommends its approval of those expenditures listed thereon by the Utah State University Board of Trustees; and

WHEREAS, The USU Board of Trustees has reviewed and given due consideration, review, and authorization of the expenditures listed on the attached Certificate of Treasurer;

NOW, THEREFORE, BE IT RESOLVED, That the USU Board of Trustees hereby approves the attached Certificate of Treasurer as presented and ratifies the expenditures listed on said Certificate of Treasurer for March 2019.

RESOLUTION APPROVED BY THE USU BOARD OF TRUSTEES:

Date

CERTIFICATE OF TREASURER

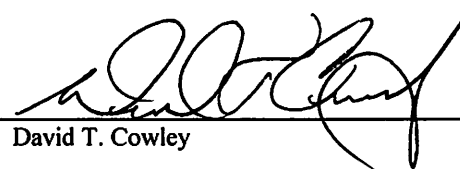
I, David T. Cowley, Vice President for Business and Finance, of Utah State University, do hereby certify as follows and request approval of the listed expenditures by fund for the period 1 July 2018 to 31 March 2019.

Authorization, invoices, and supporting papers have been filed pertaining to the following enumerated expenditures, which have been reviewed and processed for payment by the Controller's Office, Purchasing Department, and other departments; according to the laws, rules, and regulations of Utah State University and the State of Utah. To the best of my knowledge and belief, all are legitimate claims against Utah State University and funds were available for payment of said claims.

State Appropriated Funds	Budget	Percent of Budget Expended (75% Fiscal Year Expired)	1-Mar-19 31-Mar-19	Year to Date	Prior Year to Date	Increase (Decrease) from Prior Year	Percent Increase (Decrease) from Prior Year
Education and General (Except Athletics)	\$277,764,909	68%	\$20,542,146	\$189,454,397	\$179,635,354	\$9,819,043	5.47 %
Athletics	7,398,024	70%	568,291	5,152,600	4,687,613	464,987	9.92 %
E&G - O&M	4,323,453	10%	75,292	430,470	646,505	(216,035)	(33.42) %
Agricultural Experiment Station	17,319,740	56%	1,130,994	9,762,143	10,263,513	(501,370)	(4.88) %
UWRL Appropriation	3,719,309	49%	199,107	1,828,484	1,851,269	(22,785)	(1.23) %
UWRL Apportionment	2,966,393	34%	109,236	1,008,715	1,036,369	(27,654)	(2.67) %
Regional Campuses - Tooele	12,821,860	68%	547,015	8,661,225	9,081,437	(420,212)	(4.63) %
Educationally Disadvantaged	100,000	64%	766	64,100	91,035	(26,935)	(29.59) %
Southeastern Utah - Cont. Ed. Center	11,782	80%	1,556	9,398	2,025,606	(2,016,208)	(99.54) %
Regional Campuses - Uintah Basin	10,029,544	69%	607,095	6,874,041	4,837,186	2,036,855	42.11 %
Cooperative Extension	25,045,279	46%	1,324,063	11,629,203	10,100,303	1,528,900	15.14 %
Regional Campuses - Brigham City	14,438,800	69%	1,467,255	9,922,958	13,352,862	(3,429,904)	(25.69) %
USTAR	238	0%	-	-	-	-	- %
E&G - Vet Med	9,903,382	46%	299,980	4,542,873	3,846,090	696,783	18.12 %
Regional Campuses - Administration	7,713,918	50%	353,489	3,846,469	-	3,846,469	100.00 %
Price (USU Eastern)	16,391,426	60%	1,099,843	9,845,275	10,075,712	(230,437)	(2.29) %
Blanding Campus (USU Eastern)	4,514,106	65%	311,077	2,921,811	2,819,520	102,291	3.63 %
Educationally Disadvantaged (USU Eastern)	145,522	36%	1,844	52,203	53,289	(1,086)	(2.04) %
Prehistoric Museum (USU Eastern)	541,370	75%	40,307	404,190	345,987	58,203	16.82 %
USU-Eastern Career & Technical Educ	1,532,833	61%	114,188	931,070	955,129	(24,059)	(2.52) %
Total State Appropriated Funds	<u>\$416,681,888</u>	64%	<u>\$28,793,544</u>	<u>\$267,341,625</u>	<u>\$255,704,779</u>	<u>\$11,636,846</u>	4.55 %
 Total State Appropriated Funds 2017-2018	 <u>\$396,815,760</u>						
Increase from 2017-2018	<u>\$19,866,128</u>						
Percent Increase from 2017-2018	<u>5.01%</u>						

	1-Mar-19 31-Mar-19	Year to Date	Prior Year to Date	Increase (Decrease) from Prior Year	Percent Increase (Decrease) from Prior Year
<u>Other Unrestricted Funds</u>					
Overhead Reimbursement for R & D	\$740,633	\$8,308,084	\$9,655,093	(\$1,347,009)	(13.95) %
Designated	8,657,581	67,652,456	56,050,054	11,602,402	20.70 %
Service Departments	3,946,374	42,840,367	42,280,008	560,359	1.33 %
Auxiliary Enterprises (Except Athletics)	2,838,328	28,347,601	28,552,937	(205,336)	(0.72) %
Athletics - USU	1,533,871	17,211,849	16,389,354	822,495	5.02 %
	<u>17,716,787</u>	<u>164,360,357</u>	<u>152,927,446</u>	<u>11,432,911</u>	<u>7.48 %</u>
<u>Other Restricted Funds</u>					
Instruction	1,579,158	14,618,894	14,701,792	(82,898)	(0.56) %
Research	5,298,621	40,978,093	41,010,293	(32,200)	(0.08) %
Public Service	4,327,190	38,797,387	37,228,501	1,568,886	4.21 %
Academic Support	533,425	5,608,893	5,724,754	(115,861)	(2.02) %
Student Services	744,855	8,067,131	7,348,108	719,023	9.79 %
Institutional Support	85,430	869,676	1,162,008	(292,332)	(25.16) %
Operation and Maintenance of Plant	8,550	152,509	(12,683)	165,192	1,302.47 %
Scholarships and Fellowships	480,515	59,472,374	56,208,706	3,263,668	5.81 %
Service Departments	1,366	10,393	18,390	(7,997)	(43) %
Auxiliary Enterprises	108,454	(300,294)	(360,151)	59,857	16.62 %
	<u>13,167,564</u>	<u>168,275,056</u>	<u>163,029,718</u>	<u>5,245,338</u>	<u>3.22 %</u>
<u>Other Funds</u>					
Plant Funds	3,839,921	21,301,480	49,477,073	(28,175,593)	(56.95) %
Associated Students	-	-	-	-	- %
Other Agency Funds	12,253	90,493	108,011	(17,518)	(16.22) %
	<u>3,852,174</u>	<u>21,391,973</u>	<u>49,585,084</u>	<u>(28,193,111)</u>	<u>(56.86) %</u>
 Total All Funds	 <u>\$63,530,069</u>	 <u>\$621,369,011</u>	 <u>\$621,247,027</u>	 <u>\$121,984</u>	 <u>0.02 %</u>

6/17/19
Date


David T. Cowley

ITEM FOR ACTION

RE: Delegation/Administrative Reports – 03/22/19 to 04/19/19

Utah State University has been given authority by the Division of Facilities Construction and Management (DFCM) to exercise direct supervision of the design and construction of all alterations, repairs, and improvements to existing facilities on individual projects with budgets of less than \$4 million. The supervision of new construction can also be delegated to USU on a project-by-project basis and can exceed the \$4 million amount. As part of the delegation authority, administrative reports are prepared by USU and presented to the Utah State Building Board at each of its meetings. The monthly format of USU's reports is similar to that of the DFCM's reports presenting professional and construction contracts issued during the reporting period, contingency and project reserves status, and a delegated projects list showing budget and status. On a quarterly basis, additional reports are prepared showing contingency fund cumulative transfers, a summary of the statewide (paving) account, and a construction contract status. The Board of Regents has transferred its authority to review the delegation/ administrative reports to the Board of Trustees.

The reports have received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

The following is a summary of the administrative reports for USU for the period 03/22/19 to 04/19/19.

Professional Contracts, 3 contracts issued (Page 1)

Comments are provided on the report.

Construction Contracts, 8 contracts issued (Page 2)

Comments are provided on the report.

Report of Contingency Reserve Fund (Page 3)

No projects needed funds and no projects contributed to the contingency reserve fund during this reporting period. Based on an internal risk assessment, the University finds this fund's balance to be adequate.

Report of Project Reserve Fund Activity (Page 4)

No projects needed funds and one project contributed to the reserve fund during this reporting period. Based on an internal risk assessment, the University finds this fund's balance to be adequate.

Current Delegated Projects List (Pages 5-7)

Of USU's 82 projects, 4 are pending, 22 are in the design/study phase, 39 are in construction, 12 are substantially complete and 5 are complete. The 5 projects completed during this period were Alumni House Remodel IOGP-Design, SE Sidewalks & Safety Lighting, South Farm Beef Barn, South Farm New Dairy Barn and USUE Price Student Center Remodel-Design.

RECOMMENDATION

The President and Vice President for Business and Finance recommend that the delegation/ administrative reports for the current reporting period be approved as presented.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, The Utah Legislature appropriates state funds through the Division of Facilities Construction and Management to Utah State University for the purpose of capital improvements; and

WHEREAS, The Division of Facilities Construction and Management has delegated its authority to exercise direct supervision of the design and construction of such capital improvements to Utah State University; and

WHEREAS, Non-state funded projects with budgets of less than \$4 million are also delegated to Utah State University; and

WHEREAS, Projects in excess of \$4 million can also be delegated to Utah State University with specific approval of the Utah State Building board; and

WHEREAS, Utah State University presents reports on the status of all its delegated projects to the Utah State Building Board on a regular basis; and

WHEREAS, The State Board of Regents has transferred its authority to review the delegation/ administrative reports to the Board of Trustees; and

WHEREAS, The President and Vice President for Business and Finance have reviewed the delegation/administrative reports for the current reporting period and recommend approval of the reports to the Board of Trustees; and

WHEREAS, The Board of Trustees has reviewed and given due consideration to the delegation/ administrative reports:

NOW, THEREFORE, BE IT RESOLVED, That the USU Board of Trustees hereby approves the delegation/administrative reports as presented.

RESOLUTION APPROVED BY THE USU BOARD OF TRUSTEES

Date



**Professional Contracts
Awarded From 03/22/19 to 04/19/19**

Project Name	Firm Name	A/E Budget	Fee Amount	Comments
1 SLC Campus Greenhouse	Method Studio	\$30,000.00	\$30,000.00	Design services
MISCELLANEOUS CONTRACTS				
2 South Farm Beef Barn Concrete	Utah Testing & Engineering	\$1,725.00	\$1,725.00	Materials testing
3 Alumni House Remodel	Dixon Information	\$57,675.00	\$30.00	Bulk samples



**Construction Contracts
Awarded From 03/22/19 to 04/19/19**

Project	Firm Name	Const Budget	Contract Amt	Exp to Date	Comments
1 Football Lockers	Longhorn Locker Company	\$507,779.00	\$485,970.00	\$0.00	Install lockers
2 Airport FL-10 Remodel	Raymond Construction	\$336,572.00	\$333,130.00	\$0.00	Construction services
3 South Farm Beef Barn Concrete	Lundahl Building Systems	\$215,611.00	\$215,611.00	\$0.00	Construction services
4 HPER Swimming Pools	Lundahl Building Systems	\$315,790.00	\$185,068.00	\$0.00	Grout work
5 Bike Racks/Site Furn FY18	Landscape Forms	\$54,795.00	\$18,450.00	\$28,553.00	Trash Receptacles
6 700 N. Street Improvements	Jacobsen Construction	\$1,940,905.00	\$10,000.00	\$0.00	CMGC construction services
7 USU Reservoir Pump Station	USU Information Technology	\$307,362.00	\$2,149.00	\$0.00	Install cameras
MISCELLANEOUS CONTRACTS					
8 Roosevelt Monument and Landscape	Eagle Environmental	\$2,500.00	\$1,778.00	\$0.00	Asbestos removal



**Report of Contingency Reserve Fund
03/22/19 to 04/19/19**

Project Title	Current Transfers	Total Transfers To (From) Contingency	% to Construction Budget	Project Status	% Completed (Paid)
BEGINNING BALANCE	\$533,071.76				
INCREASES TO CONTINGENCY RESERVE FUND					
None					
DECREASES FROM CONTINGENCY RESERVE FUND					
None					
ENDING BALANCE	\$533,071.76				



**Report of Project Reserve Fund Activity
From 03/22/19 to 04/19/19**

Project Title	Transfer Amount	Description	% of Construction Budget
BEGINNING BALANCE	\$1,034,121.24		
INCREASES TO PROJECT RESERVE FUND			
SE Sidewalk & Safety Lighting	6,026.01	Close project	0.78%
DECREASES TO PROJECT RESERVE FUND			
None			
ENDING BALANCE	\$1,040,147.25		



Current Delegated Projects List

04/19/19

Project Number	Project Name	Phase	Project Budget
CAPITAL DEVELOPMENT/IMPROVEMENT			
A31325	Emergency Generator FY15	Construction	298,974
A31333	Planning & Design FY15	Sub Completion	175,075
A31334	Sign System FY15	Sub Completion	47,193
A34300	VCT Tile Replacement in Hallways	Construction	331,255
A34301	Vet Science Electrical Upgrade FY16	Construction	98,753
A36741	Planning & Design FY17	Design/Study	85,457
A37302	South Farm New Dairy Barn	Complete	2,232,890
A38594	Lillywhite HVAC Upgrade	Sub Completion	1,846,001
A39185	Medium Voltage Upgrade FY18	Construction	1,493,182
A39186	Planning & Design FY18	Design/Study	175,000
A39189	Bike Racks/Site Furn FY18	Construction	54,795
A39190	Sign System FY18	Construction	45,662
A39191	Classroom Upgrades FY18	Construction	183,907
A39193	NFS Lab Ventilation Replace	Design	950,154
A39198	SE Sidewalks & Safety Lighting	Complete	804,896
A39202	Lighting Control Upgrade	Construction	91,564
A39203	Campus Mapping	Sub Completion	200,000
A39204	Bio Tech Lab Controls	Construction	498,468
A39205	NR Fire Alarm Upgrade	Construction	138,418
A39206	SDL Fire Alarm Upgrade	Construction	166,101
A39502	SLC Campus Relocation	Sub Completion	5,071,274
A40010	Education Atrium Remodel	Sub Completion	421,681
A40454	Tooele Landscape Improvements	Design	395,000
A40823	BCC Trail & Historical Bldg	Sub Completion	273,998
A41399	Technology Shop Renovation	Sub Completion	178,166
A41702	South Farm Beef Barn	Complete	478,962
A41724	Medium Voltage Upgrade FY19	Pending	1,390,966
A41725	Planning & Design FY19	Design/Study	188,200
A41726	Health, LS, Code, Asbestos FY19	Construction	149,601

A41727	Concrete Replacement FY19	Construction	507,357
A41728	Bike Racks/Site Furn FY19	Pending	55,192
A41729	Access Control FY19	Construction	382,648
A41730	Sign System FY19	Pending	46,009
A41731	Classroom Upgrades FY19	Construction	230,611
A41732	Parking Lot Paving FY19	Design	692,651
A41733	Education Atrium Skylight	Construction	691,789
A41734	UWRL Lab 339 Upgrade	Pending	93,189
A41735	Tooele Classroom Bldg Reroof	Sub Completion	161,460
A41736	MC Library Reheat Coils	Construction	45,662
A41737	Blue Square Pedestrian Crossing	Design	368,702
A41738	Fire Sprinkling Upgrade	Design	184,302
A41739	USU Reservoir Pump Station	Construction	334,408
A41741	UWRL Hydronic Heating System	Sub Completion	159,817
A41742	MC Library Flooring	Construction	183,950
A41743	HPER Swimming Pools	Construction	320,790
A41744	Mtn. Aire to FA Irrigation Line	Construction	345,803
A41745	NFS Dairy Lab Mech Upgrade	Sub Completion	995,704
A41746	FAC Concrete Panel Repl	Construction	414,884
A41747	Rock Garden Landscape	Construction	228,196
A41748	SDL Chiller Replacement	Construction	414,884
A41801	May Swenson House	Design	848,523
A42103	SLC Campus East Entrance	Design	80,000
A42197	Motor Pool Car Wash	Construction	149,881
A42226	EVR Storm Drain Pond	Construction	274,672
A42375	TSC Student Affairs Remodel	Design	30,385
A42467	South Farm Horse Barn	Construction	1,599,443
A42468	Alumni House Remodel	Construction	421,545
A42506	CEP Dry Cooling Tower	Construction	499,976
A42872	Airport FL-10 Remodel	Construction	398,090
A42914	Institutional Residence Remodel	Construction	182,625
A43133	USU Hay Sheds	Construction	190,335
A43179	1400 N Soils Relocation	Construction	307,902
A43459	EVR Solar Array	Construction	271,495
A43528	Alumni House IOGP Remodel - Design	Complete	8,200
A43760	Welcome Center Remodel	Design	714,560
A43866	Athletic Fields	Construction	1,647,381

A44070	600 E 500 N Roundabout	Construction	102,199
A44106	700 East Roadway 1400 - 1600 N	Design	39,755
A44106	700 N Street Improvements (NEW PROJECT)	Construction	2,038,905
A44206	Roosevelt Monument & Landscape	Design	200,000
A44248	Football Lockers (NEW PROJECT)	Construction	532,417
A44406	South Farm Beef Barn Concrete (NEW PROJECT)	Construction	249,599
A44407	SLC Campus Greenhouse (NEW PROJECT)	Design	250,000
C11781	USUE Blanding Housing Fire Safety	Sub Completion	285,788
C11931	USUE Price Fire Lane	Design	461,269
C11932	USUE Price Utility Upgrades	Design	693,033
C11934	USUE Price MCC Steam Piping	Design	69,391
C11935	USUE Price BDAC Skylight	Design	322,838
C11937	USUE Outdoor Lighting Upgrade	Design	322,838
C11953	USUE Price Student Center Remodel - Design	Complete	40,236
C11954	USUE Blanding Campus Triplex	Design	311,146
C11984	USUE Price MCC Shed Addition	Design	100,000
TOTAL (82)			<u><u>\$38,968,029</u></u>

ITEM FOR ACTION

RE: Delegation/Administrative Reports – 04/19/19 to 05/24/19

Utah State University has been given authority by the Division of Facilities Construction and Management (DFCM) to exercise direct supervision of the design and construction of all alterations, repairs, and improvements to existing facilities on individual projects with budgets of less than \$4 million. The supervision of new construction can also be delegated to USU on a project-by-project basis and can exceed the \$4 million amount. As part of the delegation authority, administrative reports are prepared by USU and presented to the Utah State Building Board at each of its meetings. The monthly format of USU's reports is similar to that of the DFCM's reports presenting professional and construction contracts issued during the reporting period, contingency and project reserves status, and a delegated projects list showing budget and status. On a quarterly basis, additional reports are prepared showing contingency fund cumulative transfers, a summary of the statewide (paving) account, and a construction contract status. The Board of Regents has transferred its authority to review the delegation/ administrative reports to the Board of Trustees.

The reports have received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

The following is a summary of the administrative reports for USU for the period 04/19/19 to 05/24/19.

Professional Contracts, 16 contracts issued (Page 1)

Comments are provided on the report.

Construction Contracts, 15 contracts issued (Page 2)

Comments are provided on the report.

Report of Contingency Reserve Fund (Page 3)

Three project needed funds and no projects contributed to the contingency reserve fund during this reporting period. Based on an internal risk assessment, the University finds this fund's balance to be adequate.

Report of Project Reserve Fund Activity (Page 4)

One project needed funds and two projects contributed to the reserve fund during this reporting period. Based on an internal risk assessment, the University finds this fund's balance to be adequate.

Current Delegated Projects List (Pages 5-7)

Of USU's 80 projects, 3 are pending, 23 are in the design/study phase, 39 are in construction, 9 are substantially complete and 6 are complete. The 6 projects completed during this period were Bio Tech Lab Controls, Education Atrium Remodel, Planning & Design FY15, Planning & Design FY18, SLC Campus Relocation and Technology Shop Renovation.

RECOMMENDATION

The President and Vice President for Business and Finance recommend that the delegation/ administrative reports for the current reporting period be approved as presented.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, The Utah Legislature appropriates state funds through the Division of Facilities Construction and Management to Utah State University for the purpose of capital improvements; and

WHEREAS, The Division of Facilities Construction and Management has delegated its authority to exercise direct supervision of the design and construction of such capital improvements to Utah State University; and

WHEREAS, Non-state funded projects with budgets of less than \$4 million are also delegated to Utah State University; and

WHEREAS, Projects in excess of \$4 million can also be delegated to Utah State University with specific approval of the Utah State Building board; and

WHEREAS, Utah State University presents reports on the status of all its delegated projects to the Utah State Building Board on a regular basis; and

WHEREAS, The State Board of Regents has transferred its authority to review the delegation/ administrative reports to the Board of Trustees; and

WHEREAS, The President and Vice President for Business and Finance have reviewed the delegation/administrative reports for the current reporting period and recommend approval of the reports to the Board of Trustees; and

WHEREAS, The Board of Trustees has reviewed and given due consideration to the delegation/ administrative reports:

NOW, THEREFORE, BE IT RESOLVED, That the USU Board of Trustees hereby approves the delegation/administrative reports as presented.

RESOLUTION APPROVED BY THE USU BOARD OF TRUSTEES

Date



**Professional Contracts
Awarded From 04/19/19 to 05/24/19**

Project Name	Firm Name	Budget	Fee Amount	Comments
1 Concrete Replacement FY19	CRS Consulting Engineers	\$121,133.00	\$47,400.00	Design services OM
2 Concrete Replacement FY19	Sparano & Mooney	\$73,733.00	\$41,000.00	Design services FAC
3 Parking Lot Paving FY19	JUB Engineers	\$110,000.00	\$40,300.00	Design services East Stadium
4 NFS Building Reroof	Bott Pantone	\$57,000.00	\$32,000.00	Design services
5 Merrill-Cazier Roof	Design West	\$19,500.00	\$19,500.00	Design services
6 Vehicle Storage Building	Bott Pantone	\$14,800.00	\$14,800.00	Design services

MISCELLANEOUS CONTRACTS

7 NFS Building Reroof	ARW Engineers	\$57,000.00	\$25,000.00	Structural evaluation
8 Airport FL-10 Remodel	Utah Testing & Engineering	\$3,393.00	\$3,393.00	Materials testing & inspections
9 Lillywhite HVAC Upgrade	Brooks Design	\$67,609.00	\$2,550.00	Design services furnishings
10 Alumni House Remodel	Center Street Architects	\$72,988.00	\$2,000.00	Design services furnishings
11 Sign System FY15	Interpretive Graphics	\$38,523.00	\$227.50	Signage
12 HPER Swimming Pools	Dixon Information	\$5,000.00	\$50.00	Bulk samples HPER
13 MC Library Flooring	Dixon Information	\$168,950.00	\$50.00	Bulk samples MCLIB
14 Health, LS, Code, Asbestos FY19	Dixon Information	\$139,838.00	\$30.00	Bulk samples IS
15 HPER Swimming Pools	The Express Transportation	\$5,000.00	\$25.00	Bulk samples HPER
16 UWRL Lab 339 Upgrade	Dixon Information	\$15,000.00	\$25.00	Bulk samples UWRL



**Construction Contracts
Awarded From 04/19/19 to 05/24/19**

Project	Firm Name	Budget	Contract Amt	Exp to Date	Comments
1 VCT Tile Replacement Hallways	Eagle Environmental	\$182,845.00	\$40,589.00	\$142,256.00	Abatement FAC
2 VCT Tile Replacement Hallways	Hart Floor Company	\$144,573.00	\$36,685.00	\$98,587.00	Install flooring FAC
3 Access Control FY19	USU Information Technology	\$382,648.00	\$29,874.00	\$330,677.00	Install cabling
4 Football Lockers	USU Facilities	\$590,759.00	\$21,809.00	\$0.00	Remove & salvage lockers
5 BCC Trail & Historical Bldg	Interpretive Graphics	\$249,465.00	\$11,867.00	\$232,661.00	Install trail signage
6 NFS Lab Ventilation Replacement	Advanced Heating & Air	\$855,385.00	\$3,600.00	\$4,200.00	Remove and transport fume hoods
7 Concrete Replacement FY19	Domgaard & Sons	\$376,615.00	\$1,895.00	\$314,632.00	Replace curb and gutter Spectrum
8 Bike Racks/Site Furn FY18	USU Facilities	\$54,795.00	\$300.00	\$28,553.00	Install trash receptacles
MISCELLANEOUS CONTRACTS					
9 Bike Racks/Site Furn FY19	Landscape Forms	\$50,612.00	\$9,343.00	\$0.00	Benches
10 VCT Tile Replacement Hallways	USU Facilities	\$144,573.00	\$9,301.00	\$98,587.00	Moving, cleaning & waxing FAC
11 MC Library Flooring	Royal Wholesale Electric	\$168,950.00	\$6,352.00	\$0.00	Floor plate covers
12 Health, LS, Code, Asbestos FY19	Rocmont Industrial	\$139,838.00	\$4,820.00	\$84,745.00	Asbestos removal IS 001
13 Health, LS, Code, Asbestos FY19	Eagle Environmental	\$139,838.00	\$2,148.00	\$84,745.00	Asbestos removal BNR
14 Health, LS, Code, Asbestos FY19	USU Facilities	\$139,838.00	\$2,106.00	\$84,745.00	Lactation signs & locks
15 Education Atrium Skylight	USU Facilities	\$641,914.00	\$2,040.00	\$0.00	Move furniture EDUC



**Report of Contingency Reserve Fund
04/19/19 to 05/24/19**

Project Title	Current Transfers	Total Transfers To (From) Contingency	% to Construction Budget	Project Status	% Completed (Paid)
BEGINNING BALANCE	\$533,071.76				
INCREASES TO CONTINGENCY RESERVE FUND					
None					
DECREASES FROM CONTINGENCY RESERVE FUND					
USU Reservoir Pump Station (replace pump, install VFDs & transformer, add concrete)	(64,982.55)	(76,552.70)	26.07%	Construction	75.91%
Mtn Aire to FA Irrigation Line (extend connections, raise valve box & patch asphalt)	(12,170.00)	(12,170.00)	3.86%	Construction	0.00%
NFS Dairy Lab Mech Upgrade (install cord drops, fixtures and insulation)	(9,163.77)	(91,285.60)	11.34%	Sub Complete	94.09%
ENDING BALANCE	\$446,755.44				



**Report of Project Reserve Fund Activity
From 04/19/19 to 05/24/19**

Project Title	Transfer Amount	Description	% of Construction Budget
BEGINNING BALANCE	\$1,040,147.25		
INCREASES TO PROJECT RESERVE FUND			
Bio Tech Lab Controls	7,452.20	Close project	1.82%
Planning & Design FY15	112.71	Close project	0.11%
DECREASES TO PROJECT RESERVE FUND			
VCT Tile Replacement Hallways	(6,000.00)	Award contract	2.70%
ENDING BALANCE	\$1,041,712.16		



Current Delegated Projects List

05/24/19

Project Number	Project Name	Phase	Project Budget
CAPITAL DEVELOPMENT/IMPROVEMENT			
A31325	Emergency Generator FY15	Construction	298,974
A31333	Planning & Design FY15	Complete	172,341
A31334	Sign System FY15	Sub Completion	47,193
A34300	VCT Tile Replacement in Hallways	Construction	337,255
A34301	Vet Science Electrical Upgrade FY16	Construction	98,753
A36741	Planning & Design FY17	Design/Study	85,457
A38594	Lillywhite HVAC Upgrade	Sub Completion	1,846,001
A39185	Medium Voltage Upgrade FY18	Construction	1,493,182
A39186	Planning & Design FY18	Complete	177,621
A39189	Bike Racks/Site Furn FY18	Construction	54,795
A39190	Sign System FY18	Construction	45,662
A39191	Classroom Upgrades FY18	Construction	183,907
A39193	NFS Lab Ventilation Replace	Construction	950,154
A39202	Lighting Control Upgrade	Construction	91,564
A39203	Campus Mapping	Sub Completion	200,000
A39204	Bio Tech Lab Controls	Complete	491,016
A39205	NR Fire Alarm Upgrade	Construction	138,418
A39206	SDL Fire Alarm Upgrade	Construction	166,101
A39502	SLC Campus Relocation	Complete	4,717,958
A40010	Education Atrium Remodel	Complete	295,119
A40454	Tooele Landscape Improvements	Design	275,000
A40823	BCC Trail & Historical Bldg	Sub Completion	290,802
A41399	Technology Shop Renovation	Complete	178,166
A41724	Medium Voltage Upgrade FY19	Pending	1,390,966
A41725	Planning & Design FY19	Design/Study	188,200
A41726	Health, LS, Code, Asbestos FY19	Construction	149,601
A41727	Concrete Replacement FY19	Construction	507,357
A41728	Bike Racks/Site Furn FY19	Construction	55,192
A41729	Access Control FY19	Construction	382,648

A41730	Sign System FY19	Pending	46,009
A41731	Classroom Upgrades FY19	Construction	230,611
A41732	Parking Lot Paving FY19	Design	692,651
A41733	Education Atrium Skylight	Construction	691,789
A41734	UWRL Lab 339 Upgrade	Pending	93,189
A41735	Tooele Classroom Bldg Reroof	Sub Completion	161,460
A41736	MC Library Reheat Coils	Construction	45,662
A41737	Blue Square Pedestrian Crossing	Design	368,702
A41738	Fire Sprinkling Upgrade	Design	184,302
A41739	USU Reservoir Pump Station	Construction	334,408
A41741	UWRL Hydronic Heating System	Sub Completion	159,817
A41742	MC Library Flooring	Construction	183,950
A41743	HPER Swimming Pools	Construction	320,790
A41744	Mtn. Aire to FA Irrigation Line	Sub Completion	357,973
A41745	NFS Dairy Lab Mech Upgrade	Sub Completion	1,004,868
A41746	FAC Concrete Panel Repl	Construction	414,884
A41747	Rock Garden Landscape	Construction	228,196
A41748	SDL Chiller Replacement	Construction	414,884
A41801	May Swenson House	Design	848,523
A42103	SLC Campus East Entrance	Design	80,000
A42197	Motor Pool Car Wash	Construction	149,881
A42226	EVR Storm Drain Pond	Construction	274,672
A42375	TSC Student Affairs Remodel	Design	30,385
A42467	South Farm Horse Barn	Construction	1,599,443
A42468	Alumni House Remodel	Construction	497,125
A42506	CEP Dry Cooling Tower	Construction	499,976
A42872	Airport FL-10 Remodel	Construction	398,090
A42914	Institutional Residence Remodel	Construction	182,625
A43133	USU Hay Sheds	Construction	190,335
A43179	1400 N Soils Relocation	Construction	307,902
A43459	EVR Solar Array	Construction	271,495
A43760	Welcome Center Remodel	Design	714,560
A43866	Athletic Fields	Construction	1,647,381
A44070	600 E 500 N Roundabout	Construction	102,199
A44106	700 East Roadway 1400 - 1600 N	Design	39,755
A44106	700 N Street Improvements	Construction	2,488,905
A44206	Roosevelt Monument & Landscape	Design	200,000

A44248	Football Lockers	Construction	620,296
A44406	South Farm Beef Barn Concrete	Construction	249,599
A44407	SLC Campus Greenhouse	Design	250,000
A44592	Merrill Cazier Roof (NEW PROJECT)	Design	320,366
A44597	NFS Building Reroof (NEW PROJECT)	Design	783,945
A44600	Vehicle Storage Building (NEW PROJECT)	Design	188,256
C11781	USUE Blanding Housing Fire Safety	Sub Completion	285,788
C11931	USUE Price Fire Lane	Design	461,269
C11932	USUE Price Utility Upgrades	Design	693,033
C11934	USUE Price MCC Steam Piping	Design	69,391
C11935	USUE Price BDAC Skylight	Design	322,838
C11937	USUE Outdoor Lighting Upgrade	Design	322,838
C11954	USUE Blanding Campus Triplex	Design	494,578
C11984	USUE Price MCC Shed Addition	Design	100,000
TOTAL (80)			<u><u>\$36,928,998</u></u>

ITEM FOR ACTION**RE: Report of Investments for February 2019**

The Report of Investments for February 2019 is submitted to the Board of Trustees for consideration. It has received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

This set of investment reports presents investment activity for February 2019 and comparative year-to-date totals for FY 2018-2019 and FY 2017-2018.

CASH MANAGEMENT INVESTMENT POOL

The average daily fair value invested during February 2019 was \$402,896,632, down \$5,059,231 from January 2019. Total investment gain was \$651,440, down \$1,842,949 from January 2019, reflecting the decrease in the amount available for investing and a decrease in total investment return. The annualized total investment return was 1.94%, down 5.4% from January 2019.

Year-to-date numbers show that the average daily fair value invested for FY 2018-2019 was \$368,710,980, up \$31,342,550 (9.29%) over FY 2017-2018. Total interest income for FY 2018-2019 amounted to \$6,327,898, up \$1,279,904 (25.35%) over FY 2017-2018, reflecting an increase in the amount available for investing and an increase in interest rates.

The total amount invested at 28 February 2019 was \$394,290,293, up \$36,758,462 (10.28%) over 28 February 2018.

ENDOWMENT POOL

The average daily fair value invested during February 2019 was \$185,855,835, up \$6,134,658 over January 2019. Interest and dividend income of \$160,276 plus net realized gains of \$88,440 totaled \$248,716 in realized income for the month.

Year-to-date numbers show that the average daily fair value invested for FY 2018-2019 was \$181,096,840, up \$3,960,142 (2.24%) over FY 2017-2018. Total realized income for FY 2018-2019 was \$11,524,523, up \$7,603,643 (193.93%) over FY 2017-2018. This increase resulted from \$121,757 less in interest and dividends and \$7,725,400 more in net realized gains during FY 2018-2019.

The total amount invested at 28 February 2019 was \$187,651,612, up \$3,432,908 (1.86%) over 28 February 2018.

OTHER INVESTMENTS

The average daily fair value invested during February 2019 was \$202,310,012, up \$4,102,263 over January 2019. Interest and dividend income of \$280,086 plus net realized gains of \$3,381 totaled \$283,467 in realized income for the month.

Year-to-date numbers show that the average daily fair value invested for FY 2018-2019 was \$197,886,949, up \$9,004,433 (4.77%) over FY 2017-2018. Total realized income for FY 2018-2019 was \$2,727,106, up \$804,308 (41.83%) over FY 2017-2018. This increase resulted from \$213,257 more in interest and dividend income and \$591,051 more in net realized gains during FY 2018-2019.

The total amount invested at 28 February 2019 was \$202,926,348, up \$14,618,093 (7.76%) over 28 February 2018.

ENDOWMENT TRUSTS

The average daily fair value invested during February 2019 was \$5,812,349, up \$205,066 over January 2019. Interest and dividend income of \$23,417 plus net realized gains of \$29,639 totaled \$53,056 in realized gains for the month.

Year-to-date numbers show that the average daily fair value invested for FY 2018-2019 was \$5,884,858, down \$130,551 (2.17%) from FY 2017-2018. Total realized income for FY 2018-2019 was \$145,998, down \$244,586 (62.62%) from FY 2017-2018. This decrease resulted from \$16,873 less in interest and dividend income and \$227,713 more in net realized losses during FY 2018-2019.

The total amount invested at 28 February 2019 was \$5,862,275, down \$54,395 (0.92%) from 28 February 2018.

PLANT FUND TRUSTS

The average daily fair value invested during February 2019 was \$31,318,020, down \$1,947,642 from January 2019. Interest income totaled \$71,706 in realized income for the month.

Year-to-date numbers show that the average daily fair value invested for FY 2018-2019 was \$36,431,961, up \$15,752,536 (76.17%) over FY 2017-2018. Total realized income for FY 2018-2019 was \$661,937, up \$283,984 (75.14%) over FY 2017-2018. This increase reflects the increased amount available for investing and an increase in the rate of return.

The total amount invested at 28 February 2019 was \$31,316,140, up \$22,382,796 (250.55%) over 28 February 2018.

SUMMARY OF INVESTMENT TRANSACTIONS

The University's average daily fair value invested for the month of February was \$749,615,975. Purchases totaled \$32,290,021 and sales totaled \$38,645,337. From this activity the University realized net gains of \$121,460 and earnings of \$1,242,794.

RECOMMENDATION

The President and Vice President for Business and Finance recommend that the Board of Trustees approve the Report of Investments for February 2019.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, The attached Report of Investments containing authorized transactions, documentation, and supporting papers has been filed for review by the Board of Trustees pertaining to the investment activities; and

WHEREAS, The investment transactions listed on the attached Report of Investments have been approved by the USU Controller's Office; and

WHEREAS, The investment activities listed on the attached Report of Investments are in accordance with the Utah State Money Management Act, the rules of the Utah State Money Management Council, the Utah State Uniform Prudent Management of Institutional Funds Act, and the laws and rules of Utah State University and the State of Utah; and

WHEREAS, The Chief Financial Officer for Utah State University, David T. Cowley, Vice President for Business and Finance, has certified to the best of his knowledge and belief all investment transactions listed on the attached Report of Investments were made in accordance with the guidelines, rules, and laws; and

WHEREAS, Vice President Cowley requests approval of the attached Report of Investments for the period 1 February 2019 to 28 February 2019 and comparative year-to-date totals for the periods 1 July 2018 to 28 February 2019 and 1 July 2017 to 28 February 2018; and

WHEREAS, The President of Utah State University has reviewed the attached report and recommends its approval by the Utah State University Board of Trustees; and

WHEREAS, The USU Board of Trustees has reviewed and given due consideration, review, and authorization of the investment transactions listed on the attached Report of Investments for the period 1 February 2019 to 28 February 2019 and comparative year-to-date totals for the periods 1 July 2018 to 28 February 2019 and 1 July 2017 to 28 February 2018;

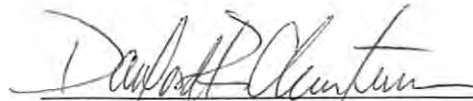
NOW, THEREFORE, BE IT RESOLVED, That the USU Board of Trustees hereby approves the attached Report of Investments as presented and ratifies the transactions listed on said Report of Investments for February 2019.

RESOLUTION APPROVED BY THE USU BOARD OF TRUSTEES:

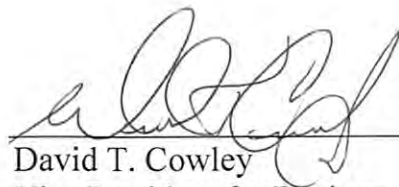
Date

UTAH STATE UNIVERSITY
REPORT OF INVESTMENTS
FEBRUARY 2019

The following schedules (A through E2) provide a report of the University's Investments. To the best of my knowledge, Utah State University is in compliance with the Utah State Money Management Act and the rules of the Utah State Money Management Council and the Utah State Uniform Prudent Management of Institutional Funds Act.



Danford R. Christensen
Controller
6/17/19
Date



David T. Cowley
Vice President for Business and Finance
6/17/19
Date

UTAH STATE UNIVERSITY
CASH MANAGEMENT INVESTMENT POOL
SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule A-1

	<u>Beginning Fair Value</u>	<u>Purchases</u>	<u>Sales Proceeds</u>	<u>Change in Fair Value</u>	<u>Ending Fair Value</u>	<u>Average Daily Fair Value</u>	<u>Total Interest Income</u>	<u>Less Service Charges</u>	<u>Net Interest Income</u>
Jul 2018	\$310,863,104	\$22,625,438	\$13,455,229	(\$1,158,564)	\$318,874,749	\$324,044,102	\$620,748	\$14,069	\$606,679
Aug 2018	318,874,749	\$105,369,453	\$38,109,957	803,015	386,937,260	360,757,422	685,295	(30)	685,325
Sep 2018	386,937,260	31,823,382	43,903,150	(2,048,602)	372,808,890	355,834,849	737,497	(65)	737,562
Oct 2018	372,808,890	28,796,980	33,494,629	(903,353)	367,207,888	371,965,555	796,313	17,005	779,308
Nov 2018	367,207,888	15,750,386	33,923,354	962,447	349,997,367	360,444,683	776,823	(15)	776,838
Dec 2018	349,997,367	63,308,808	25,742,686	2,997,208	390,560,697	365,788,736	872,129	(25)	872,154
Jan 2019	390,560,697	82,504,420	72,383,324	1,538,000	402,219,793	407,955,863	956,389	15,541	940,848
Feb 2019	402,219,793	23,052,000	30,750,236	(231,264)	394,290,293	402,896,632	882,704	(25)	882,729
Mar 2019									
Apr 2019									
May 2019									
Jun 2019									
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Comparative Totals:									
Year-to-date									
FY 2018-19	\$310,863,104	\$373,230,867	\$291,762,565	\$1,958,887	\$394,290,293	\$368,710,980	\$6,327,898	\$46,455	\$6,281,443
FY 2017-18	309,649,563	134,018,750	81,303,479	(4,833,003)	357,531,831	337,368,430	5,047,994	1,993	5,046,001
Amt Change					36,758,462	31,342,550	1,279,904	44,462	1,235,442
% Change					10.28%	9.29%	25.35%	2230.93%	24.48%

Note: The Cash Management Investment Pool includes cash of all funds over estimated daily operating requirements.

UTAH STATE UNIVERSITY
CASH MANAGEMENT INVESTMENT POOL
SUMMARY OF INVESTMENT TRANSACTIONS AND PERFORMANCE
For the Month of February 2019

Schedule A-2

	Purchases	Sales		Earnings	Change in Fair Value	Total Investment Income	Average Daily Fair Value	Annualized Total Investment Return
		Cost	Receipts					
Sweep Account	\$13,052,000	\$22,024,236	\$22,024,236	\$27,103		\$27,103	\$16,163,499	2.01%
Money Market Account				73,020		73,020	31,200,000	2.81%
Utah Public Treasurers' Investment Fund				11,656		11,656	5,100,000	2.74%
Commercial Paper and Corporate Notes	10,000,000	8,726,000	8,726,000	454,484	\$5,255	459,739	181,976,762	3.03%
Obligations of U. S. Government				297,390	(224,258)	73,132	157,016,071	0.56%
Municipal Bonds				19,051	(12,261)	6,790	11,440,300	0.71%
Total	<u>\$23,052,000</u>	<u>\$30,750,236</u>	<u>\$30,750,236</u>	<u>\$882,704</u>	<u>(\$231,264)</u>	<u>\$651,440</u>	<u>\$402,896,632</u>	1.94%

UTAH STATE UNIVERSITY
SUMMARY OF CASH MANAGEMENT INVESTMENT POOL TRANSACTIONS
For the Month of February 2019

Schedule A-3

	Purchases		Sales			Earnings	
	Shares	Cost	Shares	Cost	Receipts		Gain/(Loss)
<u>Cash Management Investment Pool</u>							
Sweep Account		\$13,052,000		\$22,024,236	\$22,024,236	\$0	\$27,103
Money Market Account							73,020
Utah Public Treasurers' Investment Fund							11,656
Corporate Bonds and Floaters		10,000,000		8,726,000	8,726,000	0	454,484
Obligations of U. S. Government							297,390
Municipal Bonds							19,051
Total Cash Management Investment Pool		\$23,052,000		\$30,750,236	\$30,750,236	\$0	\$882,704

UTAH STATE UNIVERSITY
 ENDOWMENT POOL
 SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule B-1

	Beginning Fair Value	Purchases	Sales Proceeds	Change in Fair Value	Ending Fair Value	Average Daily Fair Value	Total Interest and Dividends	Realized Gain or (Loss)	Total Realized Income	Less Expenses	Net Realized Income/(Loss)
*Jul 2018	\$178,258,733	\$26,337,385	\$26,172,381	\$3,547,468	\$181,971,205	\$180,114,969	\$165,631	\$8,609,926	\$8,775,557	\$0	\$8,775,557
Aug 2018	181,971,205	1,433,701	1,244,810	699,418	182,859,514	182,415,360	160,218	24,866	185,084	\$12,428	172,656
Sep 2018	182,859,514	4,075,564	3,580,321	720,766	184,075,523	183,467,519	407,687	235,118	642,805	0	642,805
Oct 2018	184,075,523	6,462,609	5,386,825	(7,475,102)	177,676,205	180,875,864	236,658	(160,031)	76,627	13,114	63,513
Nov 2018	177,676,205	2,155,899	1,440,409	1,403,056	179,794,751	178,735,478	189,889	144,632	334,521	12,745	321,776
Dec 2018	179,794,751	3,683,420	1,806,005	(6,289,870)	175,382,296	177,588,524	504,916	418,544	923,460	0	923,460
Jan 2019	175,382,296	3,956,905	2,464,553	7,185,409	184,060,057	179,721,177	200,475	137,278	337,753	15,380	322,373
Feb 2019	184,060,057	1,370,064	642,304	2,863,795	187,651,612	185,855,835	160,276	88,440	248,716	10,328	238,388
Mar 2019											
Apr 2019											
May 2019											
Jun 2019											

Comparative Totals:

Year-to-date

FY 2018-19	\$178,258,733	\$49,475,547	\$42,737,608	\$2,654,940	\$187,651,612	\$181,096,840	\$2,025,750	\$9,498,773	\$11,524,523	\$63,995	\$11,460,528
FY 2017-18	168,154,235	41,979,589	36,552,502	10,637,382	184,218,704	177,136,698	2,147,507	1,773,373	3,920,880	58,725	3,862,155
Amt Change					3,432,908	3,960,142	(121,757)	7,725,400	7,603,643	5,270	7,598,373
% Change					1.86%	2.24%	-5.67%	435.63%	193.93%	8.97%	196.74%

Note: The Endowment Pool includes endowment funds designated for long-term investment. Included in this pool are endowment funds invested in the University's Cash Management Investment Pool (CMIP) consisting of \$7,180,787 principal beginning balance, a \$7,765,128 ending balance, and a \$7,760,757 average daily balance for the current month. Current month interest and dividends from the CMIP were \$16,858 bringing the total to \$88,403 year-to-date. These amounts have also been reported in Schedules A-1 and A-2.

*The July beginning fair value has been adjusted to reflect the amount distributed to expendable accounts at fiscal year end.

UTAH STATE UNIVERSITY
SUMMARY OF ENDOWMENT POOL TRANSACTIONS
For the Month of February 2019

Schedule B-2
Page 1 of 1

Endowment Pool Transactions	Purchases		Sales			Earnings	
	Shares	Cost	Shares	Cost	Receipts		Gain/(Loss)
Cash Management Investment Pool							
Utah State University		\$577,812		\$10,328	\$10,328	\$0	\$16,858
CMP Interest		16,858					
Fixed Income funds							
Longfellow		199,279		256,572	253,537	(3,035)	
High Yield Bond Fund	3,739.059	38,239					41,996
Paydenfunds - Emerging Markets Bond Fund	1,137.481	15,038					15,038
Stone Harbor Emerging Market	3,978.693	38,394					38,394
Alternatives							
The Carlyle Group							
Carlyle Realty Partners VIII				(135)	(135)	0	135
Commonfund							
CEP VII				0	9,717	9,717	98
CEP VIII		15,000		41,720	52,846	11,126	2,781
CNR VIII				6,979	19,741	12,762	199
CVP X				15,422	29,658	14,236	
Solamere Capital							
Solamere Founders Fund I, LP		7,024		7,043	50,677	43,634	357
Money Market Funds							
Goldman Sachs Bank Deposit		2					2
US Bank - Endowment Pool First Am Treas Ob Fd Cl Z		145,012					1,796
US Bank - Longfellow First Am Treas Ob Fund Cl Z		230,992		126,233	126,233	0	
Wells Fargo Government Money Market		405					405
Accruals							
Endowment Pool							
Goldman Sachs							
US Bank - Accruals		1,796		962	962	0	
Wells Capital Management - HYB		41,996		38,239	38,239	0	
Longfellow							
US Bank Receivable - Interest Accrual		42,217		50,501	50,501	0	42,217
Total Endowment Pool Transactions		\$1,370,064		\$553,864	\$642,304	\$88,440	\$160,276

UTAH STATE UNIVERSITY
DEFENSIVE RETURN POOL
SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule C1A

	Beginning Fair Value	Purchases	Sales Proceeds	Change in Fair Value	Ending Fair Value	Average Daily Fair Value	Total Interest and Dividends	Realized Gain or (Loss)	Total Realized Income
Jul 2018	\$168,133,350	\$3,996,463	\$3,787,019	(\$43,007)	\$168,299,787	\$168,216,569	\$209,444	\$145,995	\$355,439
Aug 2018	168,299,787	6,392,064	3,794,486	396,297	171,293,662	169,796,725	296,710	50,400	347,110
Sep 2018	171,293,662	5,499,177	3,123,232	(1,191,396)	172,478,211	171,885,937	282,928	0	282,928
Oct 2018	172,478,211	4,238,655	4,458,331	(1,728,373)	170,530,162	171,504,187	208,408	2,648	211,056
Nov 2018	170,530,162	8,339,376	7,221,245	(1,351,678)	170,296,615	170,413,389	270,995	0	270,995
Dec 2018	170,296,615	6,099,224	6,790,521	111,581	169,716,899	170,006,757	296,544	7,500	304,044
Jan 2019	169,716,899	8,438,060	4,964,006	2,742,274	175,933,227	172,825,063	186,201	12,950	199,151
Feb 2019	175,933,227	7,160,594	6,665,938	114,252	176,542,135	176,237,681	269,201	0	269,201
Mar 2019									
Apr 2019									
May 2019									
Jun 2019									

Comparative Totals:

Year-to-date

FY 2018-19	\$168,133,350	\$50,163,613	\$40,804,778	(\$950,050)	\$176,542,135	\$171,360,788	\$2,020,431	\$219,493	\$2,239,924
FY 2017-18	162,476,896	39,365,372	38,965,780	(1,119,467)	161,757,021	162,344,862	1,900,817	(305,141)	1,595,676
Amt Change					14,785,114	9,015,926	119,614	524,634	644,248
% Change					9.14%	5.55%	6.29%	171.93%	40.37%

Note: The Defensive Return Pool is comprised of quasi-endowment funds designated for long-term investment. Included in this pool are quasi-endowment funds invested in the University's Cash Management Investment Pool (CMIP) consisting of \$72,138,563 principal beginning balance, a \$69,753,928 ending balance, and a \$70,816,116 average daily balance for the current month. Current month interest and dividends from the CMIP were \$158,537 bringing the total to \$1,305,855 year-to-date. These amounts have also been reported in Schedules A-1 and A-2.

*The July beginning fair value has been adjusted to reflect the amount distributed to expendable accounts at fiscal year end.

UTAH STATE UNIVERSITY
OTHER INVESTMENTS
SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule C1B

	Beginning Fair Value	Purchases	Sales Proceeds	Change in Fair Value	Ending Fair Value	Average Daily Fair Value	Total Interest and Dividends	Realized Gain or (Loss)	Total Realized Income
Jul 2018	\$26,596,404	\$1,902	\$101,529	\$628,788	\$27,125,565	\$26,860,985	\$2,239	\$3,821	\$6,060
Aug 2018	27,125,565	17,029	7,819	477,355	27,612,130	27,368,848	17,029	3,906	20,935
Sep 2018	27,612,130	1,188,582	1,113,809	(20,176)	27,666,727	27,639,429	96,299	4,684	100,983
Oct 2018	27,666,727	70,355	158,626	(1,498,544)	26,079,912	26,873,320	10,596	5,060	15,656
Nov 2018	26,079,912	34,590	21,975	376,739	26,469,266	26,274,589	17,749	3,489	21,238
Dec 2018	26,469,266	1,219,685	990,754	(1,693,274)	25,004,923	25,737,095	199,234	82,151	281,385
Jan 2019	25,004,923	822,971	1,481,564	1,414,118	25,760,448	25,382,686	11,569	15,090	26,659
Feb 2019	25,760,448	13,745	7,767	617,787	26,384,213	26,072,331	10,885	3,381	14,266
Mar 2019									
Apr 2019									
May 2019									
Jun 2019									
<hr/> <hr/>									
Comparative Totals:									
Year-to-date									
FY 2018-19	\$26,596,404	\$3,368,859	\$3,883,843	\$302,793	\$26,384,213	\$26,526,160	\$365,600	\$121,582	\$487,182
FY 2017-18	25,711,671	2,777,544	3,704,095	1,766,114	26,551,234	26,537,654	271,957	55,165	327,122
Amt Change					(167,021)	(11,494)	93,643	66,417	160,060
% Change					-0.63%	-0.04%	34.43%	120.40%	48.93%

UTAH STATE UNIVERSITY
SUMMARY OF OTHER INVESTMENT TRANSACTIONS
For the Month of February 2019

Schedule C2C
Page 1 of 1

	Purchases		Sales			Earnings	
	Shares	Cost	Shares	Cost	Receipts		Gain/(Loss)
<u>Other Investments</u>							
Corporate Bonds and Notes							
U.S. Treasury Bond						\$619	
Common and Preferred Stock							
Morgan Stanley							
Workday, Inc	15.000	\$2,860	15.000	\$2,860	\$2,808	(\$52)	
Utah Public Treasurers'							
Investment Fund		2,009				2,009	
Common and preferred stock							
US Bank							
Domestic Preferred Stocks							
Wells Fargo & Co						7,500	
Mutual Funds							
Charles Schwab							
PIMCO Income Instl	63.216	755				755	
Commonfund							
CEU Title III							
Multi-Strategy Bond			80.444	931	1,171	240	
Multi-Strategy Equity			9.705	594	3,787	3,193	
Money Market / Cash							
Charles Schwab		2				2	
Receivable / In Transit / Unsettled Purchases							
U.S. Treasury Bond		619					
US Bank (DRP)		7,500					
Total Other Investments		<u>\$13,745</u>		<u>\$4,385</u>	<u>\$7,766</u>	<u>\$3,381</u>	<u>\$10,885</u>

UTAH STATE UNIVERSITY
 ENDOWMENT TRUSTS
 SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule D-1

	Beginning Fair Value	Purchases	Sales Proceeds	Change in Fair Value	Ending Fair Value	Average Daily Fair Value	Total Interest and Dividends	Realized Gain or (Loss)	Total Realized Income/(Loss)	Less Expenses	Net Realized Income/(Loss)
Jul 2018	\$5,885,226	\$463,103	\$454,388	\$150,733	\$6,044,674	\$5,964,950	\$9,340	\$18,659	\$27,999	\$625	\$27,374
Aug 2018	6,044,674	623,954	613,861	2,482	6,057,249	6,050,962	18,331	(27,609)	(9,278)	(16)	(9,262)
Sep 2018	6,057,249	34,686	2,006	19,877	6,109,806	6,083,528	32,700	5,446	38,146	19	38,127
Oct 2018	6,109,806	397,349	387,057	(251,334)	5,868,764	5,989,285	10,902	(53,619)	(42,717)	610	(43,327)
Nov 2018	5,868,764	581,852	562,635	22,072	5,910,053	5,889,409	19,203	30,685	49,888	(14)	49,902
Dec 2018	5,910,053	657,720	624,863	(490,767)	5,452,143	5,681,098	30,073	(5,513)	24,560	2	24,558
Jan 2019	5,452,143	315,377	309,436	304,339	5,762,423	5,607,283	9,337	(4,993)	4,344	610	3,734
Feb 2019	5,762,423	601,318	577,887	76,421	5,862,275	5,812,349	23,417	29,639	53,056	(13)	53,069
Mar 2019											
Apr 2019											
May 2019											
Jun 2019											
<hr/> <hr/>											
Comparative Totals:											
Year-to-date											
FY 2018-19	\$5,885,226	\$3,675,359	\$3,532,133	(\$166,177)	\$5,862,275	\$5,884,858	\$153,303	(\$7,305)	\$145,998	\$1,823	\$144,175
FY 2017-18	5,934,529	4,406,679	4,243,128	(181,410)	5,916,670	6,015,409	170,176	220,408	390,584	2,096	388,488
Amt Change					(54,395)	(130,551)	(16,873)	(227,713)	(244,586)	(273)	(244,313)
% Change					-0.92%	-2.17%	-9.92%	-103.31%	-62.62%	-13.02%	-62.89%

Note: Endowment Trusts include externally managed endowment trusts.

UTAH STATE UNIVERSITY
SUMMARY OF ENDOWMENT TRUST INVESTMENT TRANSACTIONS
For the Month of February 2019

Schedule D-2
Page 1 of 1

Endowment Trusts	Purchases		Sales				Earnings
	Shares	Cost	Shares	Cost	Receipts	Gain/(Loss)	
Common and Preferred Stock							
Amgen Inc	1,000.000	\$191,235					
DowDupont Inc	1,800.000	97,855					
Utilities Sel Sect Spdr Fund			5,200.000	\$256,334	\$285,925	\$29,591	
Funds held at Morgan Stanley - Dividends							\$22,778
Mutual Funds - Equity							
Goldman Sacs Small Cap Value Fund			1.317	78	71	(7)	
Invesco Small Cap Growth Fund			3.630	138	151	13	
JP Morgan Small Cap Equity Fund			4.617	241	256	15	
Northern Mid Cap Index Fund			25.538	467	462	(5)	
Vanguard 500 Index Fund Admiral Shares			1.295	337	333	(4)	
Voya Large-Cap Growth Fund			3.850	151	163	12	
Goldman Sacs Small Cap Value Fund			1.316	78	71	(7)	
Invesco Small Cap Growth Fund			3.629	138	151	13	
JP Morgan Small Cap Equity Fund			4.617	241	256	15	
Northern Mid Cap Index Fund			25.534	466	462	(4)	
Vanguard 500 Index Fund Admiral Shares			1.295	338	333	(5)	
Voya Large-Cap Growth Fund			3.849	151	163	12	
Funds held at Wells Fargo - Dividends							7
Mutual Funds - Bond							
Dodge & Cox Income Fund Com #147	25.496	344					
Federated Total Return Bond Fund	37.187	394					
Metropolitan West Total Return Bond Fund	46.347	487					
Wells Fargo Advantage Core Bond Fund	37.765	476					
Dodge & Cox Income Fund Com #147	25.491	344					
Federated Total Return Bond Fund	37.181	394					
Metropolitan West Total Return Bond Fund	46.340	486					
Wells Fargo Advantage Core Bond Fund	37.759	476					
Funds held at Wells Fargo - Dividends							546
Money Market & Cash Funds							
Morgan Stanley Bank N.A. #		308,767		289,090	289,090	0	64
Wells Fargo #451		30					11
Wells Fargo #451		30					11
Total Endowment Trusts		<u>\$601,318</u>		<u>\$548,248</u>	<u>\$577,887</u>	<u>\$29,639</u>	<u>\$23,417</u>

UTAH STATE UNIVERSITY
PLANT FUND TRUSTS
SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule E-1

	Beginning Fair Value	Purchases	Sales Proceeds	Change in Fair Value	Ending Fair Value	Average Daily Fair Value	Total Interest Income	Realized Gain or (Loss)	Total Realized Income	Less Expenses	Net Realized Income/(Loss)
Jul 2018	\$40,294,519	\$33,623	\$1,147,351	(\$5,643)	\$39,175,148	\$39,850,571	\$87,593		\$87,593		\$87,593
Aug 2018	39,175,148	97,622	2,267,575	5,984	37,011,179	38,906,449	85,649		85,649		85,649
Sep 2018	37,011,179	1,803,385	0	(9,744)	38,804,820	37,839,719	80,987		80,987		80,987
Oct 2018	38,804,820	78,981	2,231,282	(4,939)	36,647,580	36,652,360	83,283		83,283		83,283
Nov 2018	36,647,580	4,868,842	757,287	7,554	40,766,689	38,870,463	87,575		87,575		87,575
Dec 2018	40,766,689	107,015	6,995,907	16,583	33,894,380	34,752,442	82,881		82,881		82,881
Jan 2019	33,894,380	80,911	2,750,105	3,146	31,228,332	33,265,662	82,263		82,263		82,263
Feb 2019	31,228,332	92,300	1,205	(3,287)	31,316,140	31,318,020	71,706		71,706		71,706
Mar 2019											
Apr 2019											
May 2019											
Jun 2019											
<hr/> <hr/>											
Comparative Totals:											
Year-to-date											
FY 2018-19	\$40,294,519	\$7,162,679	\$16,150,712	\$9,654	\$31,316,140	\$36,431,961	\$661,937	\$0	\$661,937	\$0	\$661,937
FY 2017-18	30,965,477	33,475,422	55,495,464	(12,091)	8,933,344	20,679,425	242,168	135,785	377,953	0	377,953
Amt Change					22,382,796	15,752,536	419,769	(135,785)	283,984	0	283,984
% Change					250.55%	76.17%	173.34%	-100.00%	75.14%	0.00%	75.14%

Note: Plant Fund Trusts include all debt service reserve and construction fund accounts in compliance with bond issue covenants.

UTAH STATE UNIVERSITY
SUMMARY OF PLANT TRUST INVESTMENT TRANSACTIONS
For the Month of February 2019

Schedule E-2

	Purchases		Sales			Earnings
	Shares	Cost	Shares	Cost	Receipts	
<u>Plant Trusts</u>						
US Bank						
Federal Home Loan Bank						\$2,006
Utah Public Treasurers' Investment Fund		\$92,300		\$1,205	\$1,205	\$0
		<u>\$92,300</u>		<u>\$1,205</u>	<u>\$1,205</u>	<u>\$0</u>
Total Plant Trusts		<u>\$92,300</u>		<u>\$1,205</u>	<u>\$1,205</u>	<u>\$71,706</u>

ITEM FOR ACTION

RE: Report of Investments for March 2019

The Report of Investments for March 2019 is submitted to the Board of Trustees for consideration. It has received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

This set of investment reports presents investment activity for March 2019 and comparative year-to-date totals for FY 2018-2019 and FY 2017-2018; investment portfolios at 31 March 2019; and Summary of Total Investment Returns for the quarter ended 31 March 2019 and year-to date 1 July 2018 to 31 March 2019.

CASH MANAGEMENT INVESTMENT POOL

The average daily fair value invested during March 2019 was \$380,956,993, down \$21,939,639 from February 2019. Total investment gain was \$3,913,245, up \$3,261,805 over February 2019, reflecting the decrease in the amount available for investing and an increase in total investment return. The annualized total investment return was 12.33%, up 10.39% over February 2019.

Year-to-date numbers show that the average daily fair value invested for FY 2018-2019 was \$370,071,648, up \$31,077,833 (9.17%) over FY 2017-2018. Total interest income for FY 2018-2019 amounted to \$7,195,528, up \$1,500,207 (26.34%) over FY 2017-2018, reflecting an increase in the amount available for investing and an increase in interest rates.

The total amount invested at 31 March 2019 was \$372,788,540, up \$33,964,897 (10.02%) over 31 March 2018. Unrealized losses at 31 March 2019 were \$2,975,521.

ENDOWMENT POOL

The average daily fair value invested during March 2019 was \$189,706,839, up \$3,851,004 over February 2019. Interest and dividend income of \$328,976 plus net realized gains of \$180,140 totaled \$509,116 in realized income for the month.

Year-to-date numbers show that the average daily fair value invested for FY 2018-2019 was \$182,053,507, up \$4,154,232 (2.34%) over FY 2017-2018. Total realized income for FY 2018-2019 was \$12,033,639, up \$7,781,715 (183.02%) over FY 2017-2018. This increase resulted from \$122,554 less in interest and dividends and \$7,904,269 more in net realized gains during FY 2018-2019.

The total amount invested at 31 March 2019 was \$191,762,065, up \$7,980,983 (4.34%) over 31 March 2018. Unrealized gains at 31 March 2019 were \$30,833,008.

OTHER INVESTMENTS

The average daily fair value invested during March 2019 was \$203,994,865, up \$1,684,853 over February 2019. Interest and dividend income of \$407,831 plus net realized gains of \$3,516 totaled \$411,347 in realized income for the month.

Year-to-date numbers show that the average daily fair value invested for FY 2018-2019 was \$198,565,606, up \$9,784,437 (5.18%) over FY 2017-2018. Total realized income for FY 2018-2019 was \$3,138,453, up \$901,696 (40.31%) over FY 2017-2018. This increase resulted from \$410,528 more in interest and dividend income and \$491,168 more in net realized gains during FY 2018-2019.

The total amount invested at 31 March 2019 was \$205,063,380, up \$17,430,848 (9.29%) over 31 March 2018. Unrealized gains at 31 March 2019 were \$17,388,489.

ENDOWMENT TRUSTS

The average daily fair value invested during March 2019 was \$5,816,827, up \$4,478 over February 2019. Interest and dividend income of \$27,471 plus net realized gains of \$94,869 totaled \$122,340 in realized gains for the month.

Year-to-date numbers show that the average daily fair value invested for FY 2018-2019 was \$5,877,299, down \$123,041 (2.05%) from FY 2017-2018. Total realized income for FY 2018-2019 was \$268,338, down \$91,418 (25.41%) from FY 2017-2018. This decrease resulted from \$18,851 less in interest and dividend income and \$72,567 less in net realized gains during FY 2018-2019.

The total amount invested at 31 March 2019 was \$5,771,378, down \$71,523 (1.22%) from 31 March 2018. Unrealized losses at 31 March 2019 were \$855,015.

PLANT FUND TRUSTS

The average daily fair value invested during March 2019 was \$32,765,873, up \$1,447,853 over February 2019. Interest income totaled \$83,365 in realized income for the month.

Year-to-date numbers show that the average daily fair value invested for FY 2018-2019 was \$36,024,618, up \$16,352,945 (83.13%) over FY 2017-2018. Total realized income for FY 2018-2019 was \$745,302, up \$348,907 (88.02%) over FY 2017-2018. This increase reflects the increased amount available for investing and an increase in the rate of return.

The total amount invested at 31 March 2019 was \$35,281,682, up \$21,477,278 (155.58%) over 31 March 2018. Unrealized losses at 31 March 2019 were \$15,023.

SUMMARY OF INVESTMENT TRANSACTIONS

The University's average daily fair value invested for the month of March was \$734,665,841. Purchases totaled \$48,603,134 and sales totaled \$67,232,410. From this activity the University realized net gains of \$278,525 and earnings of \$1,532,626.

SUMMARY OF INVESTMENT RETURNS

The Endowment Pool composite benchmark is established based on the asset allocation of the Endowment Pool. At 31 March 2019 the Endowment Pool asset allocation was 5.85% cash, 28.72% fixed income, 65.43% equities. The benchmarks used include the Barclay's Capital U.S. Aggregate Bond Index, MSCI ACWIXUS, and the Russell 3000 index. The composite benchmark for the Endowment Pool at 31 March 2019 was 4.69%.

The Endowment Pool trailing 12-month rate of return was 3.85% at 31 March 2019. The Endowment Pool underperformed its benchmark by 84 bp year-to-date- at 31 March 2019.

The Cash Management Investment Pool trailing 12-month rate of return was 3.44% at 31 March 2019. The benchmark for the Cash Management Investment Pool is the Utah Public Treasurers' Investment Fund (PTIF). The PTIF fiscal year-to-date annualized rate of return was 3.03% at 31 March 2019. The Cash Management Investment Pool outperformed its benchmark by 41 bp year-to-date at 31 March 2019.

ENDOWMENT FUNDS

The fair value of invested endowment funds at 31 March 2019 was \$405 million, up \$23 million (6.11%) over 31 December 2018. This increase includes the change in fair value and new gifts received through 31 March 2019.

Year-to-date, the endowment funds have increased \$23 million (5.92%) over 30 June 2018.

Endowment funds are currently invested 44.97% in the Endowment Pool, 20.17% in the Cash Management Investment Pool, 1.43% in the various Endowment Trusts and 33.43% in Other Investments.

RECOMMENDATION

The President and Vice President for Business and Finance recommend that the Board of Trustees approve the Report of Investments for March 2019.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, The attached Report of Investments containing authorized transactions, documentation, and supporting papers has been filed for review by the Board of Trustees pertaining to the investment activities; and

WHEREAS, The investment transactions listed on the attached Report of Investments have been approved by the USU Controller's Office; and

WHEREAS, The investment activities listed on the attached Report of Investments are in accordance with the Utah State Money Management Act, the rules of the Utah State Money Management Council, the Utah State Uniform Prudent Management of Institutional Funds Act, and the laws and rules of Utah State University and the State of Utah; and

WHEREAS, The Chief Financial Officer for Utah State University, David T. Cowley, Vice President for Business and Finance, has certified to the best of his knowledge and belief all investment transactions listed on the attached Report of Investments were made in accordance with the guidelines, rules, and laws; and

WHEREAS, Vice President Cowley requests approval of the attached Report of Investments for the period 1 March 2019 to 31 March 2019 and comparative year-to-date totals for the periods 1 July 2018 to 31 March 2019 and 1 July 2017 to 31 March 2018; and

WHEREAS, The President of Utah State University has reviewed the attached report and recommends its approval by the Utah State University Board of Trustees; and

WHEREAS, The USU Board of Trustees has reviewed and given due consideration, review, and authorization of the investment transactions listed on the attached Report of Investments for the period 1 March 2019 to 31 March 2019 and comparative year-to-date totals for the periods 1 July 2018 to 31 March 2019 and 1 July 2017 to 31 March 2018;

NOW, THEREFORE, BE IT RESOLVED, That the USU Board of Trustees hereby approves the attached Report of Investments as presented and ratifies the transactions listed on said Report of Investments for March 2019.

RESOLUTION APPROVED BY THE USU BOARD OF TRUSTEES:

Date




UTAH STATE UNIVERSITY
REPORT OF INVESTMENTS
MARCH 2019

The following schedules (A through G) provide a report of the University's Investments. To the best of my knowledge, Utah State University is in compliance with the Utah State Money Management Act and the rules of the Utah State Money Management Council and the Utah State Uniform Prudent Management of Institutional Funds Act.

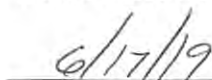


Danford R. Christensen
Controller

Date



David T. Cowley
Vice President for Business and Finance



Date

UTAH STATE UNIVERSITY
CASH MANAGEMENT INVESTMENT POOL
SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule A-1

	<u>Beginning Fair Value</u>	<u>Purchases</u>	<u>Sales Proceeds</u>	<u>Change in Fair Value</u>	<u>Ending Fair Value</u>	<u>Average Daily Fair Value</u>	<u>Total Interest Income</u>	<u>Less Service Charges</u>	<u>Net Interest Income</u>
Jul 2018	\$310,863,104	\$22,625,438	\$13,455,229	(\$1,158,564)	\$318,874,749	\$324,044,102	\$620,748	\$14,069	\$606,679
Aug 2018	318,874,749	\$105,369,453	\$38,109,957	803,015	386,937,260	360,757,422	685,295	(30)	685,325
Sep 2018	386,937,260	31,823,382	43,903,150	(2,048,602)	372,808,890	355,834,849	737,497	(65)	737,562
Oct 2018	372,808,890	28,796,980	33,494,629	(903,353)	367,207,888	371,965,555	796,313	17,005	779,308
Nov 2018	367,207,888	15,750,386	33,923,354	962,447	349,997,367	360,444,683	776,823	(15)	776,838
Dec 2018	349,997,367	63,308,808	25,742,686	2,997,208	390,560,697	365,788,736	872,129	(25)	872,154
Jan 2019	390,560,697	82,504,420	72,383,324	1,538,000	402,219,793	407,955,863	956,389	15,541	940,848
Feb 2019	402,219,793	23,052,000	30,750,236	(231,264)	394,290,293	402,896,632	882,704	(25)	882,729
Mar 2019	394,290,293	28,449,881	52,997,249	3,045,615	372,788,540	380,956,993	867,630	0	867,630
Apr 2019									
May 2019									
Jun 2019									
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Comparative Totals:									
Year-to-date									
FY 2018-19	\$310,863,104	\$401,680,748	\$344,759,814	\$5,004,502	\$372,788,540	\$370,071,648	\$7,195,528	\$46,455	\$7,149,073
FY 2017-18	309,649,563	134,018,750	101,303,479	(3,541,191)	338,823,643	338,993,815	5,695,321	1,943	5,693,378
Amt Change					33,964,897	31,077,833	1,500,207	44,512	1,455,695
% Change					10.02%	9.17%	26.34%	2290.91%	25.57%

Note: The Cash Management Investment Pool includes cash of all funds over estimated daily operating requirements.

UTAH STATE UNIVERSITY
CASH MANAGEMENT INVESTMENT POOL PORTFOLIO
31 March 2019

Schedule A-1-A
Page 1 of 3

Description	Interest Rate	Date Acquired	Maturity Date	Cost	Fair Value	Unrealized Gain/(Loss)
Sweep Account						
Wells Fargo Bank	2.2750%			\$22,608,435	\$22,608,435	\$0
				<u>\$22,608,435</u>	<u>\$22,608,435</u>	<u>\$0</u>
Money Market						
Bank of Utah - Public Treasurer Acct	2.9900%			6,100,000	6,100,000	0
Cache Valley Bank	3.1777%			20,100,000	20,100,000	0
				<u>26,200,000</u>	<u>26,200,000</u>	<u>0</u>
Public Treasurers' Investment Fund						
Utah Public Treasurers' Investment Fund	2.9560%			100,000	100,000	0
				<u>100,000</u>	<u>100,000</u>	<u>0</u>
Commercial Paper and Corporate Notes						
Floater Rate						
Wells Fargo & Company	3.2210%	05/06/16	04/22/19	3,976,055	4,001,528	25,473
Citigroup	3.5370%	09/21/16	06/07/19	2,000,000	2,003,050	3,050
Standard Chartered	3.8130%	10/17/16	08/19/19	5,000,000	5,016,217	16,217
Daimler Finance	3.4250%	09/01/17	01/06/20	4,500,000	4,504,941	4,941
General Electric	3.5870%	02/05/18	04/15/20	5,000,000	4,995,620	(4,380)
Athene Global	3.9010%	09/05/17	04/20/20	5,000,000	5,028,256	28,256
Athene Global	3.9010%	10/06/17	04/20/20	8,750,000	8,799,449	49,449
Daimler Finance	3.2630%	09/01/17	05/05/20	3,184,000	3,186,149	2,149
JP Morgan	4.1010%	12/14/18	06/11/20	4,960,000	4,947,104	(12,896)
Barclays Bank PLC	3.2150%	08/09/17	06/16/20	9,010,000	9,004,903	(5,097)
National Australia Bank	3.0000%	08/01/17	07/28/20	10,000,000	10,000,000	0
Aust & NZ Banking Corp	3.1830%	09/01/17	08/19/20	5,500,000	5,522,273	22,273
American Express	3.6430%	01/17/19	09/14/20	5,000,000	5,050,560	50,560
JP Morgan	3.9570%	01/16/18	10/29/20	5,000,000	5,069,486	69,486
Mitsubishi	4.5060%	01/11/19	03/01/21	5,915,000	6,057,884	142,884
Harley Davidson	3.5550%	02/15/19	03/02/21	5,000,000	4,999,166	(834)
HSBC	3.2830%	06/04/18	05/18/21	5,000,000	4,997,317	(2,683)
Santander	3.2460%	06/28/18	06/01/21	3,000,000	2,997,982	(2,018)

UTAH STATE UNIVERSITY
CASH MANAGEMENT INVESTMENT POOL PORTFOLIO
31 March 2019

Schedule A-1-A
Page 2 of 3

Description	Interest Rate	Date Acquired	Maturity Date	Cost	Fair Value	Unrealized Gain/(Loss)
Commercial Paper and Corporate Notes (continued)						
Lloyds	3.4130%	09/10/18	06/21/21	\$5,000,000	\$5,000,186	\$186
Lloyds	3.4130%	12/20/18	06/21/21	2,675,000	2,675,099	99
Barclays Bank	2.7100%	08/24/18	08/24/21	5,000,000	4,910,000	(90,000)
Morgan Stanley	3.0770%	08/30/18	08/30/21	7,000,000	6,912,500	(87,500)
Citigroup	3.6000%	09/07/18	09/07/21	11,000,000	11,000,000	0
Credit Agricole	2.7100%	09/14/18	09/14/21	7,000,000	6,883,100	(116,900)
Santander	3.3440%	01/07/19	11/15/21	7,000,000	6,997,200	(2,800)
Creidt Agricole	4.2130%	01/11/19	01/10/22	7,000,000	7,093,175	93,175
Bank of America	3.1520%	01/23/19	01/23/22	5,929,200	5,979,580	50,380
Daimler Finance	3.5430%	02/22/19	02/22/22	5,000,000	5,011,906	11,906
				158,399,255	158,644,631	245,376
Obligations of U. S. Government						
Federal Farm Credit FFCB	1.9300%	09/09/16	03/06/24	5,000,000	4,903,410	(96,590)
Fannie Mae FNMA	2.0500%	11/03/16	11/25/24	4,900,000	4,801,557	(98,443)
Federal Farm Credit FFCB	1.9200%	09/02/16	12/02/24	5,000,000	4,873,834	(126,166)
Fed Home Loan Bank FHLB	2.5400%	01/11/13	12/27/24	10,125,000	10,016,981	(108,019)
Federal Farm Credit FFCB	2.9000%	01/11/18	01/09/25	7,000,000	7,000,046	46
Federal Farm Credit FFCB	2.7200%	09/01/17	06/12/25	4,998,750	4,955,532	(43,218)
Fed Home Loan Bank FHLB	2.1000%	08/18/16	08/18/25	5,000,000	4,826,304	(173,696)
Federal Farm Credit FFCB	2.9800%	01/20/17	12/08/25	5,000,000	4,977,207	(22,793)
Fed Home Loan Bank FHLB	2.5000%	06/20/16	06/15/26	5,000,000	4,875,867	(124,133)
Fed Home Loan Bank FHLB	2.4400%	07/06/16	07/06/26	5,000,000	4,834,894	(165,106)
Federal Farm Credit FFCB	2.2500%	07/27/16	07/27/26	5,000,000	4,780,875	(219,125)
Fannie Mae FNMA	2.1000%	08/29/16	08/24/26	10,000,000	9,704,196	(295,805)
Fed Farm Credit FFCB	2.0600%	09/01/16	09/01/26	10,000,000	9,650,602	(349,398)
Farmer Mac FAMCA	2.0500%	09/01/16	09/01/26	6,355,000	6,113,221	(241,779)
Fed Home Loan Bank FHLB	2.1200%	09/02/16	09/02/26	10,000,000	9,551,098	(448,902)
Fed Home Loan Bank FHLB	2.1700%	09/22/16	09/22/26	5,000,000	4,801,694	(198,306)
Federal Farm Credit FFCB	2.1400%	10/28/16	10/05/26	7,458,750	7,270,072	(188,678)
Farmer Mac FAMCA	2.3000%	11/10/16	11/01/26	5,000,000	4,841,783	(158,217)
Fed Home Loan Bank FHLB	2.7000%	11/30/16	11/30/26	5,000,000	4,908,579	(91,422)

UTAH STATE UNIVERSITY
CASH MANAGEMENT INVESTMENT POOL PORTFOLIO
31 March 2019

Schedule A-1-A
Page 3 of 3

Description	Interest Rate	Date Acquired	Maturity Date	Cost	Fair Value	Unrealized Gain/(Loss)
Obligations of U. S. Government (continued)						
Federal Farm Credit FFCB	2.9700%	09/01/17	03/01/27	\$7,000,000	\$7,000,021	\$21
Federal Farm Credit FFCB	2.9800%	06/12/17	03/12/27	5,000,000	4,965,857	(34,143)
Fed Home Loan Bank FHLB	3.1400%	04/19/17	04/19/27	8,928,571	8,928,683	112
Federal Farm Credit FFCB	3.0400%	08/21/17	08/02/27	6,495,000	6,427,233	(67,767)
Farmer Mac FAMCA	3.0500%	09/28/17	09/01/27	3,755,000	3,757,638	2,638
Farmer Mac FAMCA	3.2800%	01/10/18	01/10/28	5,000,000	5,004,416	4,416
				<u>157,016,071</u>	<u>153,771,601</u>	<u>(3,244,470)</u>
Municipal Bonds						
Utah State Building Owners	1.5000%	05/05/14	05/15/19	965,300	983,601	18,301
Salt Lake City Municipal	2.0700%	03/30/15	10/01/19	1,000,000	997,610	(2,390)
Utah County UT Bonds	4.9200%	01/17/14	12/01/19	1,000,000	1,014,430	14,430
Salt Lake County	1.8100%	03/01/17	02/01/20	1,025,000	1,018,276	(6,724)
Utah County UT Bonds	5.1700%	01/17/14	12/01/20	1,000,000	1,017,130	17,130
Salt Lake County	2.0100%	03/01/17	02/01/21	2,075,000	2,055,744	(19,256)
Salt Lake County	2.3500%	03/01/17	02/01/22	1,600,000	1,594,544	(5,456)
Salt Lake County	2.5000%	03/01/17	02/01/23	2,175,000	2,176,022	1,022
Salt Lake County	2.7800%	03/01/17	02/01/24	600,000	606,516	6,516
				<u>11,440,300</u>	<u>11,463,873</u>	<u>23,573</u>
Total Cash Management Investment Pool				<u>\$375,764,061</u>	<u>\$372,788,540</u>	<u>(\$2,975,521)</u>

UTAH STATE UNIVERSITY
 CASH MANAGEMENT INVESTMENT POOL
 SUMMARY OF INVESTMENT TRANSACTIONS AND PERFORMANCE
 For the Month of March 2019

Schedule A-2

	Purchases	Sales		Earnings	Change in Fair Value	Total Investment Income	Average Daily Fair Value	Annualized Total Investment Return
		Cost	Receipts					
Sweep Account	\$28,449,881	\$16,032,742	\$16,032,742	\$28,798		\$28,798	\$14,696,848	2.35%
Money Market Account		5,000,000	5,000,000	69,736		69,736	26,683,871	3.14%
Utah Public Treasurers' Investment Fund		5,000,000	5,000,000	259		259	100,000	3.11%
Commercial Paper and Corporate Notes		26,964,507	26,964,507	418,492	\$128,761	547,253	171,019,903	3.84%
Obligations of U. S. Government				329,253	2,858,324	3,187,577	157,016,071	24.36%
Municipal Bonds				21,092	58,530	79,622	11,440,300	8.35%
Total	<u>\$28,449,881</u>	<u>\$52,997,249</u>	<u>\$52,997,249</u>	<u>\$867,630</u>	<u>\$3,045,615</u>	<u>\$3,913,245</u>	<u>\$380,956,993</u>	12.33%

UTAH STATE UNIVERSITY
SUMMARY OF CASH MANAGEMENT INVESTMENT POOL TRANSACTIONS
For the Month of March 2019

Schedule A-3

	Purchases		Sales			Earnings	
	Shares	Cost	Shares	Cost	Receipts		Gain/(Loss)
<u>Cash Management Investment Pool</u>							
Sweep Account		\$28,449,881		\$16,032,742	\$16,032,742	\$0	\$28,798
Money Market Account				5,000,000	5,000,000	0	69,736
Utah Public Treasurers' Investment Fund				5,000,000	5,000,000	0	259
Corporate Bonds and Floaters				26,964,507	26,964,507	0	418,492
Obligations of U. S. Government							329,253
Municipal Bonds							21,092
Total Cash Management Investment Pool		<u>\$28,449,881</u>		<u>\$52,997,249</u>	<u>\$52,997,249</u>	<u>\$0</u>	<u>\$867,630</u>

UTAH STATE UNIVERSITY
 ENDOWMENT POOL
 SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule B-1

	Beginning Fair Value	Purchases	Sales Proceeds	Change in Fair Value	Ending Fair Value	Average Daily Fair Value	Total Interest and Dividends	Realized Gain or (Loss)	Total Realized Income	Less Expenses	Net Realized Income/(Loss)
*Jul 2018	\$178,258,733	\$26,337,385	\$26,172,381	\$3,547,468	\$181,971,205	\$180,114,969	\$165,631	\$8,609,926	\$8,775,557	\$0	\$8,775,557
Aug 2018	181,971,205	1,433,701	1,244,810	699,418	182,859,514	182,415,360	160,218	24,866	185,084	\$12,428	172,656
Sep 2018	182,859,514	4,075,564	3,580,321	720,766	184,075,523	183,467,519	407,687	235,118	642,805	0	642,805
Oct 2018	184,075,523	6,462,609	5,386,825	(7,475,102)	177,676,205	180,875,864	236,658	(160,031)	76,627	13,114	63,513
Nov 2018	177,676,205	2,155,899	1,440,409	1,403,056	179,794,751	178,735,478	189,889	144,632	334,521	12,745	321,776
Dec 2018	179,794,751	3,683,420	1,806,005	(6,289,870)	175,382,296	177,588,524	504,916	418,544	923,460	0	923,460
Jan 2019	175,382,296	3,956,905	2,464,553	7,185,409	184,060,057	179,721,177	200,475	137,278	337,753	15,380	322,373
Feb 2019	184,060,057	1,370,064	642,304	2,863,795	187,651,612	185,855,835	160,276	88,440	248,716	10,328	238,388
Mar 2019	187,651,612	3,731,842	1,359,219	1,737,830	191,762,065	189,706,839	328,976	180,140	509,116	0	509,116
Apr 2019											
May 2019											
Jun 2019											

Comparative Totals:

Year-to-date

FY 2018-19	\$178,258,733	\$53,207,389	\$44,096,827	\$4,392,770	\$191,762,065	\$182,053,507	\$2,354,726	\$9,678,913	\$12,033,639	\$63,995	\$11,969,644
FY 2017-18	168,154,235	46,137,485	40,417,702	9,907,064	183,781,082	177,899,275	2,477,280	1,774,644	4,251,924	58,725	4,193,199
Amt Change					7,980,983	4,154,232	(122,554)	7,904,269	7,781,715	5,270	7,776,445
% Change					4.34%	2.34%	-4.95%	445.40%	183.02%	8.97%	185.45%

Note: The Endowment Pool includes endowment funds designated for long-term investment. Included in this pool are endowment funds invested in the University's Cash Management Investment Pool (CMIP) consisting of \$7,765,128 principal beginning balance, a \$9,824,686 ending balance, and a \$9,813,612 average daily balance for the current month. Current month interest and dividends from the CMIP were \$22,149 bringing the total to \$110,552 year-to-date. These amounts have also been reported in Schedules A-1 and A-2.

*The July beginning fair value has been adjusted to reflect the amount distributed to expendable accounts at fiscal year end.

UTAH STATE UNIVERSITY
 ENDOWMENT POOL
 INVESTMENT PERFORMANCE

Schedule B-1-A

	Total Number of Units	Fair Value Per Unit			Net Earnings	Earnings Per Unit
		Beginning of Month	End of Month	Percent Change		
July 2018	553,521.29	\$322.0449	\$328.7520	2.08%	\$165,631	\$0.2992
August 2018	553,644.41	328.7520	330.2833	0.47%	160,218	0.2894
September 2018	553,909.50	330.2833	332.3206	0.62%	407,687	0.7360
October 2018	556,474.40	332.3206	319.2891	-3.92%	236,658	0.4253
November 2018	558,330.15	319.2891	322.0223	0.86%	189,889	0.3401
December 2018	562,424.17	322.0223	311.8328	-3.16%	504,916	0.8977
January 2019	566,616.35	311.8328	324.8407	4.17%	200,475	0.3538
February 2019	568,395.10	324.8407	330.1429	1.63%	160,276	0.2820
March 2019	574,566.39	330.1429	333.7509	1.09%	328,976	0.5726
April 2019						
May 2019						
June 2019						

UTAH STATE UNIVERSITY
 ENDOWMENT POOL PORTFOLIO
 March 31, 2019

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Description	Face Value	Number of Shares	Interest Rate	Date Acquired	Maturity Date	Cost	Fair Value	Unrealized Gain/(Loss)
Cash Management Investment Pool						\$9,824,686	\$9,824,686	\$0
Total Cash Management Investment Pool						<u>9,824,686</u>	<u>9,824,686</u>	<u>0</u>
Equity funds								
Dimensional - DFA Emerging Markets		203,611.797				5,641,478	5,857,911	216,433
Dimensional - DFA Micro Cap		66,072.327				1,382,353	1,361,090	(21,263)
Dimensional - DFA Small Cap		120,382.206				4,110,102	4,017,154	(92,948)
RhumbLine QSI Index		661,555.513				8,008,606	16,314,051	8,305,445
SIT Dividend Growth						8,000,000	15,344,870	7,344,870
Vanguard FTSE All-World ex-US Index Fund		160,533.640				14,954,865	15,855,908	901,043
Vanguard Russell 3000		72,717.568				<u>13,863,689</u>	<u>18,208,479</u>	<u>4,344,790</u>
Total Equities						<u>55,961,093</u>	<u>76,959,463</u>	<u>20,998,370</u>
Fixed Income funds								
Longfellow						17,883,521	17,856,254	(27,267)
GoldenTree Multi Sector Cayman, LTD		2,823.848				3,000,000	3,447,701	447,701
High Yield Bond Fund		826,140.984				8,803,862	8,524,139	(279,723)
Pacific Asset Management						12,277,237	13,166,463	889,226
Paydenfunds - Emerging Markets Bond Fund		264,158.193				3,412,197	3,510,662	98,465
Stone Harbor Emerging Market		353,018.620				3,711,267	3,487,824	(223,443)
Vanguard ST Inflation Protected Securities Index		208,129.040				<u>5,160,058</u>	<u>5,084,592</u>	<u>(75,466)</u>
Total Fixed Income Funds						<u>54,248,142</u>	<u>55,077,635</u>	<u>829,493</u>
Alternatives								
Aether Investment Partners, LLC								
Aether Real Assets IV, LP						1,054,319	1,223,380	169,061
Aether Real Assets V, LP						342,828	619,484	276,656
The Carlyle Group								
Carlyle Realty Partners VIII						541,453	580,953	39,500

UTAH STATE UNIVERSITY
 ENDOWMENT POOL PORTFOLIO
 March 31, 2019

Schedule B-1-B
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Description	Face Value	Number of Shares	Interest Rate	Date Acquired	Maturity Date	Cost	Fair Value	Unrealized Gain/(Loss)
Alternatives (continued)								
Commonfund								
CEP VII						\$0	\$571,440	\$571,440
CEP VIII						604,677	1,227,285	622,608
CNR VIII						836,279	694,832	(141,447)
CNR IX						1,129,172	1,326,221	197,049
CVP X						768,043	1,579,140	811,097
Constitution Capital								
Ironsides Co-Investment Fund III						465,336	841,272	375,936
Ironsides Partnership Fund III						500,088	661,556	161,468
Global Infrastructure Partners								
Global Infrastructure Partners III-A/B, L.P.						2,206,025	2,144,821	(61,204)
Goldman Sachs								
Vintage Fund VI						444,624	785,929	341,305
GQG Partners								
GQG Partners Emerging Markets Equity Fund						4,500,000	4,552,978	52,978
HarbourVest								
HarbourVest 2017 Global Fund L.P.						2,292,402	2,475,447	183,045
International Fund Services								
AQR International Equity Fund II, L.P.						8,000,000	9,146,592	1,146,592
Morgan Stanley								
JP Morgan Prime Property Fund		345.123				4,997,603	6,524,709	1,527,106
Pinehurst Institutional Ltd.								
Corbin		2,570.273				4,000,000	4,722,099	722,099
Solamere Capital								
Solamere Founders Fund I, LP						672,431	1,439,646	767,215
Solamere Founders Fund II, LP						1,910,761	2,403,997	493,236

UTAH STATE UNIVERSITY
 ENDOWMENT POOL PORTFOLIO
 March 31, 2019

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Description	Face Value	Number of Shares	Interest Rate	Date Acquired	Maturity Date	Cost	Fair Value	Unrealized Gain/(Loss)
Alternatives (continued)								
Woodbury								
Woodbury Strategic Partners Fund, L.P.						\$713,300	\$963,317	\$250,017
Woodbury IFRI						32,224	42,410	10,186
Woodbury Capital II, LP						883,206	1,294,032	410,826
Woodbury Capital II - Avenue 80, LLC						0	0	0
Woodbury Capital II, LP - WB West						78,840	88,678	9,838
Woodbury Capital III, LP						1,944,271	1,966,234	21,963
WSP Centre Point Co-Investors, LLC						119,938	62,078	(57,860)
WSP Wilmington, Phase I & II						414,055	518,483	104,428
WSP Wilmington Hotel LLC						63,700	63,707	7
Total Alternatives						<u>39,515,575</u>	<u>48,520,720</u>	<u>9,005,145</u>
Money Market Funds								
Goldman Sachs Bank Deposit						904	904	0
US Bank - Endowment Pool First Am Treas Ob Fd Cl Z						1,148,139	1,148,139	0
US Bank - Longfellow First Am Treas Ob Fund Cl Z						197,772	197,772	0
Wells Fargo Government Money Market						2,204	2,204	0
Total Money Market						<u>1,349,019</u>	<u>1,349,019</u>	<u>0</u>
Cash								
Endowment Pool								
US Bank Cash						(4,253)	(4,253)	0
Total Cash						<u>(4,253)</u>	<u>(4,253)</u>	<u>0</u>
Accruals / Payables								
Endowment Pool								
US Bank - Accruals						2,112	2,112	0
Wells Capital Management - HYB						42,060	42,060	0
Wells Capital Management - Interest						5	5	0

UTAH STATE UNIVERSITY
 ENDOWMENT POOL PORTFOLIO
 March 31, 2019

Description	Face Value	Number of Shares	Interest Rate	Date Acquired	Maturity Date	Cost	Fair Value	Unrealized Gain/(Loss)
Accruals / Payables (continued)								
Longfellow								
US Bank Receivable - Interest Accrual						\$92,957	\$92,957	\$0
US Bank - Pending						(102,339)	(102,339)	0
Total Accruals / payables						<u>34,795</u>	<u>34,795</u>	<u>0</u>
Total Endowment Pool						<u>\$160,929,057</u>	<u>\$191,762,065</u>	<u>\$30,833,008</u>

UTAH STATE UNIVERSITY
SUMMARY OF ENDOWMENT POOL TRANSACTIONS
For the Month of March 2019

Schedule B-2
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	Purchases		Sales			Earnings
	Shares	Cost	Shares	Cost	Receipts	
Endowment Pool Transactions						
Cash Management Investment Pool						
Utah State University		\$2,037,409				\$22,149
CMIP Interest		22,149				
Equity funds						
Vanguard FTSE All-World ex-US Index Fund	579.132	56,784				56,784
Vanguard Russell 3000	286.137	70,693				70,693
Fixed Income funds						
Longfellow		525,491		\$370,729	\$366,335	(\$4,394)
High Yield Bond Fund	4,071.868	41,996				42,060
Paydenfunds - Emerging Markets Bond Fund	1,498.924	19,831				19,831
Alternatives						
Commonfund						
CEP VII				0	44,699	44,699
CEP VIII		3,750		30,796	59,224	28,428
CNR VIII				23,196	50,845	27,649
CVP X		7,500		6,632	25,421	18,789
Morgan Stanley						
JP Morgan Prime Property Fund	3.362	63,568				63,568
Solamere Capital						
Solamere Founders Fund I, LP		3,569		6,596	53,037	46,441
Solamere Founders Fund II, LP		175,000		1,583	20,111	18,528
Woodbury						
Woodbury Capital II - Avenue 80, LLC				26,656	26,656	0
Woodbury Capital II, LP - WB West						1,900
WSP Wilmington, Phase I & II				1,741	1,741	0
Money Market Funds						
Goldman Sachs Bank Deposit		2				2
US Bank - Endowment Pool First Am Treas Ob Fd Cl Z		216,993		105,370	105,370	0
US Bank - Longfellow First Am Treas Ob Fund Cl Z		398,579		412,665	412,665	0
Wells Fargo Government Money Market		3				3
Cash						
Endowment Pool						
US Bank Cash				4,253	4,253	0

UTAH STATE UNIVERSITY
SUMMARY OF ENDOWMENT POOL TRANSACTIONS
For the Month of March 2019

Schedule B-2
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	Purchases		Sales			Earnings	
	Shares	Cost	Shares	Cost	Receipts		Gain/(Loss)
Accruals							
Endowment Pool							
Goldman Sachs							
US Bank - Accruals		\$2,111		\$1,795	\$1,795	\$0	
Wells Capital Management - HYB		42,060		41,996	41,996	0	
Wells Capital Management - Interest		2				\$2	
Longfellow							
US Bank Receivable - Interest Accrual		44,352		42,732	42,732	0	
US Bank - Pending				102,339	102,339	0	
 Total Endowment Pool Transactions		\$3,731,842		\$1,179,079	\$1,359,219	\$180,140	\$328,976

UTAH STATE UNIVERSITY
DEFENSIVE RETURN POOL
SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule C1A

	Beginning Fair Value	Purchases	Sales Proceeds	Change in Fair Value	Ending Fair Value	Average Daily Fair Value	Total Interest and Dividends	Realized Gain or (Loss)	Total Realized Income
Jul 2018	\$168,133,350	\$3,996,463	\$3,787,019	(\$43,007)	\$168,299,787	\$168,216,569	\$209,444	\$145,995	\$355,439
Aug 2018	168,299,787	6,392,064	3,794,486	396,297	171,293,662	169,796,725	296,710	50,400	347,110
Sep 2018	171,293,662	5,499,177	3,123,232	(1,191,396)	172,478,211	171,885,937	282,928	0	282,928
Oct 2018	172,478,211	4,238,655	4,458,331	(1,728,373)	170,530,162	171,504,187	208,408	2,648	211,056
Nov 2018	170,530,162	8,339,376	7,221,245	(1,351,678)	170,296,615	170,413,389	270,995	0	270,995
Dec 2018	170,296,615	6,099,224	6,790,521	111,581	169,716,899	170,006,757	296,544	7,500	304,044
Jan 2019	169,716,899	8,438,060	4,964,006	2,742,274	175,933,227	172,825,063	186,201	12,950	199,151
Feb 2019	175,933,227	7,160,594	6,665,938	114,252	176,542,135	176,237,681	269,201	0	269,201
Mar 2019	176,542,135	10,635,042	11,070,616	2,156,249	178,262,810	177,402,473	301,232	0	301,232
Apr 2019									
May 2019									
Jun 2019									

Comparative Totals:

Year-to-date

FY 2018-19	\$168,133,350	\$60,798,655	\$51,875,394	\$1,206,199	\$178,262,810	\$172,032,086	\$2,321,663	\$219,493	\$2,541,156
FY 2017-18	162,476,896	45,989,720	46,127,108	(897,488)	161,442,020	162,262,046	2,027,429	(205,391)	1,822,038
Amt Change					16,820,790	9,770,040	294,234	424,884	719,118
% Change					10.42%	6.02%	14.51%	206.87%	39.47%

Note: The Defensive Return Pool is comprised of quasi-endowment funds designated for long-term investment. Included in this pool are quasi-endowment funds invested in the University's Cash Management Investment Pool (CMIP) consisting of \$69,753,928 principal beginning balance, a \$68,047,088 ending balance, and a \$68,761,944 average daily balance for the current month. Current month interest and dividends from the CMIP were \$160,498 bringing the total to \$1,466,353 year-to-date. These amounts have also been reported in Schedules A-1 and A-2.

*The July beginning fair value has been adjusted to reflect the amount distributed to expendable accounts at fiscal year end.

UTAH STATE UNIVERSITY
DEFENSIVE RETURN POOL PORTFOLIO
31 March 2019

Schedule C1B
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Description	Face Value	Maturity Date	Interest Rate/Coupon	Cost	Fair Value	Unrealized Gain/(Loss)
Cash Management Investment Pool				\$68,047,088	\$68,047,088	\$0
Total Cash Management Investment Pool				<u>68,047,088</u>	<u>68,047,088</u>	<u>0</u>
Utah Public Treasurers' Investment Fund			2.956%	3,311,497	3,311,497	0
Total Utah Public Treasurers' Investment Fund				<u>3,311,497</u>	<u>3,311,497</u>	<u>0</u>
Fixed Income						
US Bank						
Corporate Issues						
Bristol Myers Squibb Co	10,000.000	08/01/97	6.875%	1,354,660	1,285,700	(68,960)
Burlington North Santa Fe	10,000.000	08/01/97	7.250%	1,410,975	1,451,480	40,505
Catholic Health Initiative	10,000.000	11/01/42	4.350%	905,670	959,900	54,230
Comcast Corp	10,000.000	10/15/58	4.950%	991,310	1,103,000	111,690
ConocoPhillips	10,000.000	02/01/39	6.500%	1,061,960	1,349,350	287,390
Cummins Inc	10,000.000	03/01/98	5.650%	1,065,050	1,137,170	72,120
Dairy Farmers of America	5,000.000	12/31/49	7.125%	557,465	468,125	(89,340)
Diamond Offshore Drill	9,570.000	10/15/39	5.700%	920,385	643,583	(276,802)
Dignity Health	20,000.000	11/01/64	5.267%	2,059,480	2,110,200	50,720
Farmers Exchange Capital	9,500.000	07/15/48	7.200%	1,138,394	1,119,556	(18,838)
Assured Guarany Muni	10,000.000	12/15/66	6.400%	936,000	985,000	49,000
General Electric	11,840.000	12/29/49	4.100%	1,055,181	852,480	(202,701)
Goldman Sachs Group Inc Med Term Note	7,470.000	09/15/41	6.000%	858,482	839,792	(18,690)
Guardian Life	10,000.000	01/24/77	4.850%	971,620	1,050,230	78,610
Harley Davidson Inc	11,000.000	07/28/45	4.625%	1,027,202	1,022,329	(4,873)
IBM	10,000.000	12/01/96	7.125%	1,253,200	1,288,310	35,110
KKR Group Fin Co II	10,000.000	02/01/43	5.500%	1,069,400	1,070,250	850
Liberty Mutual Insurance	3,300.000	10/15/97	7.697%	487,658	444,216	(43,442)
Mass Mutual Life Insurance	10,000.000	04/01/77	4.900%	981,080	1,057,800	76,720
MetLife Inc	5,000.000	12/15/36	6.400%	540,625	536,250	(4,375)
MetLife Inc	4,730.000	04/08/68	9.250%	685,614	636,185	(49,429)

UTAH STATE UNIVERSITY
DEFENSIVE RETURN POOL PORTFOLIO
31 March 2019

Schedule C1B
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Description	Face Value	Maturity Date	Interest Rate/Coupon	Cost	Fair Value	Unrealized Gain/(Loss)
Corporate Issues (continued)						
Mutual of Omaha Insurance Co	10,000.000	10/15/40	6.950%	\$1,253,880	\$1,332,690	\$78,810
National Rural Utility Cooperative	10,500.000	04/20/46	5.250%	1,052,625	1,053,276	651
Nationwide Financial Ser	10,000.000	05/15/37	6.750%	1,040,000	1,030,000	(10,000)
Ohio National Life Insurance	10,000.000	06/15/42	6.875%	1,269,440	1,209,840	(59,600)
Opus Bank	10,000.000	07/01/26	5.500%	1,018,710	1,010,770	(7,940)
PNC Financial Services	10,000.000	05/29/49	4.850%	992,730	985,000	(7,730)
Penn Mutual Life Insurance Co	13,650.000	06/15/40	7.625%	1,823,790	1,872,384	48,594
Protective Life	10,000.000	10/15/39	8.450%	1,399,140	1,426,120	26,980
ReadyCap Holdings LLC	10,000.000	02/15/22	7.500%	1,029,490	1,023,820	(5,670)
Regions Financial Corp	10,000.000	12/10/37	7.375%	1,256,490	1,333,200	76,710
Republic New York Corp	5,000.000	07/15/97	7.200%	706,325	628,485	(77,840)
Security Benefit Life	20,350.000	10/01/33	7.450%	2,249,591	2,492,041	242,450
USF&G Capital I	10,000.000	12/15/45	8.500%	1,328,720	1,455,160	126,440
Verizon Communications	10,000.000	08/21/54	5.012%	1,000,000	1,069,590	69,590
Wachovia	10,000.000	03/29/49	5.446%	1,000,000	987,050	(12,950)
Western Southern Life	10,000.000	01/15/49	5.150%	1,023,010	1,097,360	74,350
Zions Bancorp	10,000.000	12/29/99	5.800%	1,000,000	980,000	(20,000)
Zions Bancorp	10,000.000	09/29/49	7.200%	1,000,000	1,058,750	58,750
Foreign Issues						
Argentum (Zurich Insurance)	10,000.000	06/01/48	5.125%	1,002,000	1,008,240	6,240
Aegon NV	10,000.000	04/11/48	5.500%	985,060	998,930	13,870
AXA SA	10,000.000	12/29/49	6.379%	1,019,450	1,070,000	50,550
BHP Billiton Fin USA Ltd	10,000.000	10/19/75	6.750%	1,029,625	1,107,050	77,425
Electricite De France	10,000.000	01/22/14	6.000%	1,088,330	1,042,900	(45,430)
Invesco	10,000.000	11/30/43	5.375%	1,052,800	1,062,910	10,110
Lloyds Banking Group	10,000.000	01/09/48	4.344%	899,370	897,040	(2,330)
Rio Tinto Fin USA LTD	11,000.000	11/02/40	5.200%	978,978	1,310,727	331,749
Societe Generale	10,000.000	11/24/45	5.625%	1,053,440	1,066,690	13,250
Standard Chartered	5,000.000	05/30/31	8.000%	625,465	632,520	7,055

UTAH STATE UNIVERSITY
DEFENSIVE RETURN POOL PORTFOLIO
31 March 2019

Schedule C1B
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Description	Face Value	Maturity Date	Interest Rate/Coupon	Cost	Fair Value	Unrealized Gain/(Loss)
Foreign Issues (continued)						
Standard Chartered PLC	5,000.000	03/26/44	5.700%	\$510,415	\$543,060	\$32,645
Trans-Canada Pipelines	10,000.000	06/01/40	6.100%	1,006,200	1,182,070	175,870
Xlit LTD	10,000.000	03/31/45	5.500%	1,024,750	1,104,890	80,140
Municipal Issues						
Beaver County Utah School District	50,000.000	02/01/27	5.500%	5,000,000	5,851,950	851,950
Fresno California Water Sys Rev BAB	10,000.000	06/01/40	6.750%	1,027,500	1,317,950	290,450
Peralta CA Community College Dist. LTD	5,000.000	08/05/49	6.250%	599,435	622,885	23,450
Riverton City UT	13,000.000	12/01/39	5.250%	1,491,061	1,460,719	(30,342)
Southern Ill Univ Revs Build America Bonds	16,450.000	04/01/30	6.200%	1,772,471	1,648,356	(124,115)
Domestic Preferred Stocks						
Affiliated Managers	40,000.000			1,000,000	983,200	(16,800)
Allianzgi Cvt Inc Fund II	40,000.000			1,000,000	950,000	(50,000)
Allstate Corp	20,000.000			500,000	510,200	10,200
Allstate Corp	24,400.000			613,660	617,808	4,148
American Financial Group	60,000.000			1,500,000	1,530,000	30,000
Apollo Management LLC	40,000.000			1,000,000	981,600	(18,400)
Berkley (WR) Corporation	40,000.000			935,000	1,016,800	81,800
Capital One Financial	20,000.000			500,000	515,200	15,200
Cobank ACB 6.250%	10,000.000			1,101,290	1,025,000	(76,290)
Cobank ACB 6.125%	13,000.000			1,235,000	1,313,000	78,000
Dte Energy Co 5.25%	40,000.000			980,000	1,001,600	21,600
Hancock Holding Co	61,000.000			1,518,375	1,596,370	77,995
JP Morgan Chase & Co 6.125	60,120.000			1,499,994	1,562,519	62,525
Kimco Realty Corp	40,000.000			1,000,000	942,800	(57,200)
Landenburg halmann Fin	20,000.000			500,000	465,402	(34,598)
Newtek	40,000.000			1,000,000	1,018,000	18,000
Nextera Energy	40,000.000			998,000	996,400	(1,600)
Oaktree Capital	40,000.000			1,000,000	999,200	(800)
Prudential Financial 5.6%	40,000.000			1,000,000	1,028,000	28,000

UTAH STATE UNIVERSITY
DEFENSIVE RETURN POOL PORTFOLIO
31 March 2019

Schedule C1B
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Description	Face Value	Maturity Date	Interest Rate/Coupon	Cost	Fair Value	Unrealized Gain/(Loss)
Domestic Preferred Stocks (continued)						
Public Storage	20,000.000			\$500,000	\$497,000	(\$3,000)
Public Storage	20,000.000			500,000	500,400	400
Qwest Corp 6.875%	100,000.000			2,494,400	2,535,000	40,600
Charles Schwab	20,000.000			500,000	520,600	20,600
Southern Co 6.25%	40,000.000			1,000,000	1,052,000	52,000
State Street Corp	80,000.000			2,000,000	2,046,400	46,400
Torchmark Corp 6.125	40,000.000			1,014,000	1,060,400	46,400
US Bancorp	40,000.000			994,000	1,016,400	22,400
Wells Fargo & Co	20,000.000			483,000	521,000	38,000
Western Alliance Bancorp 6.25% PFD	80,000.000			2,000,000	2,085,600	85,600
Foreign Stocks						
Arch Capital Group	40,000.000			1,000,000	969,600	(30,400)
Total Fixed Income				<u>96,308,421</u>	<u>99,242,828</u>	<u>2,934,407</u>
Alternatives						
Dakota Pacific Real Estate Group						
Dakota Pacific Real Estate				739,113	721,214	(17,899)
Morgan Stanley Smith Barney						
MS Opp Mortgage Inc Fund				2,000,000	1,842,460	(157,540)
Woodbury						
Woodbury Strategic Partners Fund				301,113	321,105	19,992
Woodbury IFRI				10,742	10,021	(721)
Woodbury Capital II, LP				884,664	1,294,032	409,368
Woodbury Capital II, LP - WB West				78,840	72,188	(6,652)
Woodbury Capital III, LP				972,136	983,117	10,981
WSP Wilmington, Phase I & II				484,030	596,762	112,732
WSP Wilmington Hotel LLC				73,317	73,325	8
Total Alternatives				<u>5,543,955</u>	<u>5,914,224</u>	<u>370,269</u>

UTAH STATE UNIVERSITY
DEFENSIVE RETURN POOL PORTFOLIO
31 March 2019

Schedule C1B
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Description	Face Value	Maturity Date	Interest Rate/Coupon	Cost	Fair Value	Unrealized Gain/(Loss)
Money Market / Cash						
Morgan Stanley Bank N.A.				\$174,607	\$174,607	\$0
US Bank - Cash				8,054	8,054	0
US Bank - First Am Treasury Ob Fund Class Z				259,730	259,730	0
Total Money Market / Cash				<u>442,391</u>	<u>442,391</u>	<u>0</u>
Receivable / In Transit / Unsettled Purchases						
US Bank - Receivable				1,350,157	1,350,157	0
US Bank - Earnings to COB				(45,375)	(45,375)	0
Total Receivable / In Transit / Unsettled Purchases				<u>1,304,782</u>	<u>1,304,782</u>	<u>0</u>
Total Other Investments				<u>\$174,958,134</u>	<u>\$178,262,810</u>	<u>\$3,304,676</u>

UTAH STATE UNIVERSITY
OTHER INVESTMENTS
SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule C1B

	Beginning Fair Value	Purchases	Sales Proceeds	Change in Fair Value	Ending Fair Value	Average Daily Fair Value	Total Interest and Dividends	Realized Gain or (Loss)	Total Realized Income
Jul 2018	\$26,596,404	\$1,902	\$101,529	\$628,788	\$27,125,565	\$26,860,985	\$2,239	\$3,821	\$6,060
Aug 2018	27,125,565	17,029	7,819	477,355	27,612,130	27,368,848	17,029	3,906	20,935
Sep 2018	27,612,130	1,188,582	1,113,809	(20,176)	27,666,727	27,639,429	96,299	4,684	100,983
Oct 2018	27,666,727	70,355	158,626	(1,498,544)	26,079,912	26,873,320	10,596	5,060	15,656
Nov 2018	26,079,912	34,590	21,975	376,739	26,469,266	26,274,589	17,749	3,489	21,238
Dec 2018	26,469,266	1,219,685	990,754	(1,693,274)	25,004,923	25,737,095	199,234	82,151	281,385
Jan 2019	25,004,923	822,971	1,481,564	1,414,118	25,760,448	25,382,686	11,569	15,090	26,659
Feb 2019	25,760,448	13,745	7,767	617,787	26,384,213	26,072,331	10,885	3,381	14,266
Mar 2019	26,384,213	205,158	23,004	234,203	26,800,570	26,592,392	106,599	3,516	110,115
Apr 2019									
May 2019									
Jun 2019									

Comparative Totals:

Year-to-date									
FY 2018-19	\$26,596,404	\$3,574,017	\$3,906,847	\$536,996	\$26,800,570	\$26,533,519	\$472,199	\$125,098	\$597,297
FY 2017-18	25,711,671	2,931,922	3,789,914	1,336,833	26,190,512	26,519,123	355,905	58,814	414,719
Amt Change					610,058	14,396	116,294	66,284	182,578
% Change					2.33%	0.05%	32.68%	112.70%	44.02%

UTAH STATE UNIVERSITY
OTHER INVESTMENTS PORTFOLIO
31 March 2019

Schedule C2B
Page 1 of 2

Description	Face Value	Number of Shares	Interest Rate	Date Acquired	Maturity Date	Cost	Fair Value	Unrealized Gain/(Loss)
Corporate Bonds and Notes								
U.S. Treasury Bond	\$100,000		8.000%	11/15/91	11/15/21	\$125,313	\$114,449	(\$10,864)
						<u>125,313</u>	<u>114,449</u>	<u>(10,864)</u>
Common and Preferred Stock								
Closely Held Stock								
Cache Valley Bank		35,922.537				415,265	415,265	0
Rowpar Pharmaceuticals, Inc		5,000.000				5,000	5,000	0
Rowpar Pharmaceuticals, Inc		20,000.000				46,200	46,200	0
Rowpar Pharmaceuticals, Inc		30,000.000				92,400	92,400	0
						<u>558,865</u>	<u>558,865</u>	<u>0</u>
Utah Public Treasurers' Investment Fund								
			2.956%			883,739	883,739	0
						<u>883,739</u>	<u>883,739</u>	<u>0</u>
Fixed Income								
US Bank								
Domestic Preferred Stocks								
JP Morgan Chase & Co 6.100		20,000.000				494,000	524,000	30,000
Wells Fargo & Co		20,000.000				500,000	525,000	25,000
						<u>994,000</u>	<u>1,049,000</u>	<u>55,000</u>
Mutual Funds								
American Funds CI A								
American Balanced Fund - Class A		811.838				14,727	21,733	7,006
AMCAP Fund-F1		2,441.623				66,934	76,057	9,123
The Growth Fund of America - Class A		257.354				9,356	12,520	3,164
The New Economy Fund-F1		1,670.429				64,405	74,668	10,263
New World Fund-F1		1,058.600				53,188	68,618	15,430
Washington Mutual Investors Fund-F1		1,664.912				67,886	74,838	6,952
Charles Schwab								
American Funds American Balanced F3		6,457.067				160,763	172,727	11,964
American Fudns Growth Fund of America F3		3,768.024				160,970	183,314	22,344
First Trust Value		5,517.000				159,737	179,137	19,400
MFS Intl Diversification I		4,667.445				80,000	89,615	9,615
PIMCO Income Instl		13,737.212				162,266	164,847	2,581

UTAH STATE UNIVERSITY
OTHER INVESTMENTS PORTFOLIO
31 March 2019

Schedule C2B
Page 2 of 2

Description	Face Value	Number of Shares	Interest Rate	Date Acquired	Maturity Date	Cost	Fair Value	Unrealized Gain/(Loss)
Charles Schwab (continued)								
Thrivent Mid Cap Stock S		1,739.887				\$40,000	\$45,707	\$5,707
Wasatch Small Cap Value Institutional Commonfund		6,024.096				40,000	44,699	4,699
CEU Title III								
Multi-Strategy Bond		352,341.128				4,412,329	5,142,831	730,502
Multi-Strategy Equity		44,014.340				4,142,857	17,368,275	13,225,418
Vanguard								
500 Index Fund Admiral Shares		140.785				17,150	36,824	19,674
Total Bond Market Index Fund Admiral Shares		1,714.438				18,658	18,310	(348)
						<u>9,671,226</u>	<u>23,774,720</u>	<u>14,103,494</u>
Alternatives								
InvenTrust Properties								
Highlands REIT, Inc		18,843.839				6,784	6,218	(566)
Inventrust Properties Corp		18,843.839				125,462	59,169	(66,293)
vSpring								
Kickstart Seed Fund I, L.P.						142,742	146,550	3,808
Xenia Hotels & Resorts								
Xenia		2355.000				51,987	51,221	(766)
						<u>326,975</u>	<u>263,158</u>	<u>(63,817)</u>
Money Market / Cash								
Charles Schwab - Cash						805	805	0
Charles Schwab - Money Market						6,828	6,828	0
Edward Jones						2	2	0
Morgan Stanley - Money Market						17	17	0
						<u>7,652</u>	<u>7,652</u>	<u>0</u>
Receivable / In Transit / Unsettled Purchases								
Commonfund						99,958	99,958	0
U.S. Treasury Bond						3,006	3,006	0
US Bank (DRP)						45,375	45,375	0
Xenia						648	648	0
						<u>148,987</u>	<u>148,987</u>	<u>0</u>
Total Other Investments						<u>\$12,716,757</u>	<u>\$26,800,570</u>	<u>\$14,083,813</u>

UTAH STATE UNIVERSITY
SUMMARY OF OTHER INVESTMENT TRANSACTIONS
For the Month of March 2019

Schedule C2C
Page 1 of 1

	Purchases		Sales			Earnings	
	Shares	Cost	Shares	Cost	Receipts		Gain/(Loss)
Other Investments							
Corporate Bonds and Notes							
U.S. Treasury Bond						\$685	
Common and Preferred Stock							
Closely Held Stock							
Rowpar Pharmaceuticals, Inc	30,000.000	\$92,400					
Morgan Stanley							
ClarOne, Inc	3,000.000	6,240	3,000.000	\$6,240	\$5,909	(\$331)	
Utah Public Treasurers'							
Investment Fund		2,244				2,244	
Mutual Funds							
American Funds CI A							
American Balanced Fund - Class A						81	
Washington Mutual Investors Fund-F1	7.140	320				320	
Charles Schwab							
American Funds American Balanced F3	28.783	763				763	
First Trust Value						805	
PIMCO Income Instl	63.240	759				759	
Commonfund							
CEU Title III							
Multi-Strategy Bond			89.625	1,037	1,308	271	
Multi-Strategy Equity			10.725	656	4,232	3,576	
Vanguard							
500 Index Fund Admiral Shares	0.783	204				204	
Total Bond Market Index Fund Admiral Shares	12.365	131				131	
Alternatives							
vSpring							
Kickstart Seed Fund I, L.P.				11,555	11,555	0	
Xenia Hotels & Resorts							
Xenia						648	
Money Market / Cash							
Charles Schwab - Cash		805					
Charles Schwab - Money Market		1				1	
Receivable / In Transit / Unsettled Purchases							
Commonfund		99,958					
U.S. Treasury Bond		685					
Xenia		648					
Total Other Investments		\$205,158		\$19,488	\$23,004	\$3,516	\$106,599

UTAH STATE UNIVERSITY
 ENDOWMENT TRUSTS
 SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule D-1

	Beginning Fair Value	Purchases	Sales Proceeds	Change in Fair Value	Ending Fair Value	Average Daily Fair Value	Total Interest and Dividends	Realized Gain or (Loss)	Total Realized Income/(Loss)	Less Expenses	Net Realized Income/(Loss)
Jul 2018	\$5,885,226	\$463,103	\$454,388	\$150,733	\$6,044,674	\$5,964,950	\$9,340	\$18,659	\$27,999	\$625	\$27,374
Aug 2018	6,044,674	623,954	613,861	2,482	6,057,249	6,050,962	18,331	(27,609)	(9,278)	(16)	(9,262)
Sep 2018	6,057,249	34,686	2,006	19,877	6,109,806	6,083,528	32,700	5,446	38,146	19	38,127
Oct 2018	6,109,806	397,349	387,057	(251,334)	5,868,764	5,989,285	10,902	(53,619)	(42,717)	610	(43,327)
Nov 2018	5,868,764	581,852	562,635	22,072	5,910,053	5,889,409	19,203	30,685	49,888	(14)	49,902
Dec 2018	5,910,053	657,720	624,863	(490,767)	5,452,143	5,681,098	30,073	(5,513)	24,560	2	24,558
Jan 2019	5,452,143	315,377	309,436	304,339	5,762,423	5,607,283	9,337	(4,993)	4,344	610	3,734
Feb 2019	5,762,423	601,318	577,887	76,421	5,862,275	5,812,349	23,417	29,639	53,056	(13)	53,069
Mar 2019	5,862,275	578,250	729,780	60,633	5,771,378	5,816,827	27,471	94,869	122,340	1	122,339
Apr 2019											
May 2019											
Jun 2019											
<hr/> <hr/>											
Comparative Totals:											
Year-to-date											
FY 2018-19	\$5,885,226	\$4,253,609	\$4,261,913	(\$105,544)	\$5,771,378	\$5,877,299	\$180,774	\$87,564	\$268,338	\$1,824	\$266,514
FY 2017-18	5,934,529	4,705,080	4,515,211	(281,497)	5,842,901	6,000,340	199,625	160,131	359,756	2,121	357,635
Amt Change					(71,523)	(123,041)	(18,851)	(72,567)	(91,418)	(297)	(91,121)
% Change					-1.22%	-2.05%	-9.44%	-45.32%	-25.41%	-14.00%	-25.48%

Note: Endowment Trusts include externally managed endowment trusts.

UTAH STATE UNIVERSITY
 ENDOWMENT TRUSTS PORTFOLIO
 31 March 2019

Schedule D-1-A
 Page 1 of 4

Description	Number of Shares	Cost	Fair Value	Unrealized Gain/(Loss)
Common and Preferred Stock				
Abbvie Inc Com	1,200.000	\$98,255	\$96,708	(\$1,547)
Altria Group Inc.	1,000.000	16,108	57,430	41,322
Amgen Inc	1,000.000	191,235	189,980	(1,255)
Apple Inc	1,050.000	180,243	199,447	19,204
AT & T Inc	9,800.000	351,382	307,328	(44,054)
Blackstone Group LP	11,200.000	477,344	391,664	(85,680)
BP Plc. Ads	3,300.000	172,428	144,276	(28,152)
CenturyLink Inc.	11,300.000	324,152	135,487	(188,665)
Chevron Corp	1,400.000	144,022	172,452	28,430
Cisco Sys Inc	5,000.000	158,357	269,950	111,593
Citigroup Inc New	1,400.000	79,404	87,108	7,704
Comcast Corp (New) Class A	4,000.000	143,777	159,920	16,143
DowDupont Inc	4,180.000	251,666	222,836	(28,830)
Enbridge Inc	4,600.000	193,980	166,796	(27,184)
Enterprise Prod Partnership LP	7,100.000	186,120	206,610	20,490
GlaxosmithKline PLC ADR	2,300.000	94,681	96,117	1,436
Intl Business Machines Corp	800.000	117,891	112,880	(5,011)
Johnson & Johnson	425.000	50,909	59,411	8,502
JP Morgan Chase & Co	3,500.000	163,987	354,305	190,318
Merck & Co Inc. New Com	2,600.000	137,201	216,242	79,041
Microsoft Corp	2,600.000	283,824	306,644	22,820
Pfizer Inc	4,200.000	147,543	178,374	30,831
Royal Dutch Shell Plc	7,000.000	400,307	438,130	37,823
SeaDrill Ltd.	46.000	398,918	382	(398,536)
SeaDrill Partners LLC	16,500.000	468,619	14,131	(454,488)
Tanger Factory Outlet Centers	5,000.000	125,458	104,900	(20,558)
Teva Pharmaceuticals ADR	5,200.000	212,490	81,536	(130,954)
Verizon Communications	1,200.000	59,933	70,956	11,023

UTAH STATE UNIVERSITY
 ENDOWMENT TRUSTS PORTFOLIO
 31 March 2019

Schedule D-1-A
 Page 2 of 4

Description	Number of Shares	Cost	Fair Value	Unrealized Gain/(Loss)
Common and Preferred Stock				
Wells Fargo & Co New	2,000.000	\$114,369	\$96,640	(\$17,729)
iShares MSCI Euro Financial	4,200.000	100,688	76,272	(24,416)
iShares S&P US Preferred Stock	4,000.000	151,587	146,200	(5,387)
Vanguard Index Fds S&P 500 ETF	490.000	121,415	127,175	5,760
		<u>6,118,293</u>	<u>5,288,287</u>	<u>(830,006)</u>
Common & Preferred Stock Options				
Apple Inc (expires 10/18/2019)	(10.000)	(6,987)	(11,000)	(4,013)
Cisco Sys Inc (expires 06/21/2019)	(50.000)	(9,392)	(35,750)	(26,358)
Johnson & Johnson (expires 04/18/2019)	(4.000)	(1,491)	(8)	1,483
Merck & Co Inc. New Com (expires 10/18/2019)	(26.000)	(6,250)	(8,580)	(2,330)
		<u>(24,120)</u>	<u>(55,338)</u>	<u>(31,218)</u>
Mutual Funds - Equity				
Acadian Emerging Markets Portfolio Class I #1960	53.844	1,027	1,052	25
Causeway Intl Value Fund I	154.423	2,461	2,318	(143)
Dodge & Cox Stock Fund #145	6.357	1,321	1,166	(155)
Europacific Growth Fund Class F3 #716 (FEUPX)	47.080	2,680	2,400	(280)
Goldman Sacs Small Cap Value Fund	12.452	619	651	32
Invesco Small Cap Growth Fund	14.329	506	589	83
JP Morgan Small Cap Equity Fund	21.199	915	1,173	258
Lazard Intl Equity Port - Instl #632	140.061	2,446	2,415	(31)
MFS Value Fund R6 #4810 (cusip 552983694)	60.357	1,757	2,394	637
Northern Mid Cap Index Fund	271.059	4,028	4,866	838
Oppenheimer Developing Market	25.745	903	1,088	185
T Rowe Price Equity Income	78.042	2,258	2,352	94
T Rowe Price Institutional Large CP Growth	57.246	1,222	2,344	1,122
Vanguard 500 Index Fund Admiral Shares	29.113	4,412	7,615	3,203
Voya Large-Cap Growth Fund	52.858	2,066	2,299	233

UTAH STATE UNIVERSITY
 ENDOWMENT TRUSTS PORTFOLIO
 31 March 2019

Schedule D-1-A
 Page 3 of 4

Description	Number of Shares	Cost	Fair Value	Unrealized Gain/(Loss)
Mutual Funds - Equity				
Wells Fargo Advantage Growth Fund	27.713	\$1,156	\$1,158	\$2
Acadian Emerging Markets Portfolio Class I #1960	53.835	1,027	1,052	25
Causeway Intl Value Fund I	154.398	2,460	2,318	(142)
Dodge & Cox Stock Fund #145	6.356	1,320	1,166	(154)
Europacific Growth Fund Class F3 #716	47.071	2,679	2,400	(279)
Goldman Sacs Small Cap Value Fund	12.451	619	651	32
Invesco Small Cap Growth Fund	14.327	506	589	83
JP Morgan Small Cap Equity Fund	21.196	915	1,173	258
Lazard Intl Equity Port - Instl #632	140.037	2,446	2,414	(32)
MFS Value Fund R6 #4810 (cusip 552983694)	60.348	1,757	2,393	636
Northern Mid Cap Index Fund	271.014	4,027	4,865	838
Oppenheimer Developing Market	25.741	903	1,087	184
T Rowe Price Equity Income	78.029	2,258	2,352	94
T Rowe Price Institutional Large CP Growth	57.236	1,222	2,343	1,121
Vanguard 500 Index Fund Admiral Shares	29.108	4,411	7,613	3,202
Voya Large-Cap Growth Fund	52.850	2,065	2,299	234
Wells Fargo Advantage Growth Fund	27.708	1,155	1,158	3
		<u>59,547</u>	<u>71,753</u>	<u>12,206</u>
Mutual Funds				
Dodge & Cox Income Fund Com #147	2,517.453	34,859	34,338	(521)
Federated Total Return Bond Fund	3,189.795	35,933	34,258	(1,675)
Metropolitan West Total Return Bond Fund	3,222.285	35,060	34,285	(775)
Wells Fargo Advantage Core Bond Fund	2,680.182	34,308	34,280	(28)
Dodge & Cox Income Fund Com #147	2,517.041	34,853	34,332	(521)
Federated Total Return Bond Fund	3,189.274	35,927	34,253	(1,674)
Metropolitan West Total Return Bond Fund	3,221.757	35,054	34,279	(775)
Wells Fargo Advantage Core Bond Fund	2,679.743	34,302	34,274	(28)
		<u>280,296</u>	<u>274,299</u>	<u>(5,997)</u>

UTAH STATE UNIVERSITY
 ENDOWMENT TRUSTS PORTFOLIO
 31 March 2019

Schedule D-1-A
 Page 4 of 4

Description	Number of Shares	Cost	Fair Value	Unrealized Gain/(Loss)
Money Market & Cash Funds				
Morgan Stanley Bank N.A.		\$180,566	\$180,566	\$0
Morgan Stanley Cash		2,013	2,013	0
Wells Fargo #451		4,899	4,899	0
Wells Fargo #451		4,899	4,899	0
		<u>192,377</u>	<u>192,377</u>	<u>0</u>
 Total Endowment Trusts		 <u><u>\$6,626,393</u></u>	 <u><u>\$5,771,378</u></u>	 <u><u>(\$855,015)</u></u>

UTAH STATE UNIVERSITY
SUMMARY OF ENDOWMENT TRUST INVESTMENT TRANSACTIONS
For the Month of March 2019

Schedule D-2
Page 1 of 1

Endowment Trusts	Purchases		Sales				Earnings
	Shares	Cost	Shares	Cost	Receipts	Gain/(Loss)	
Common and Preferred Stock							
Abbvie Inc Com	1,200.000	\$98,255					
Blackstone Group LP			0.000	(\$2,240)	(\$2,240)	\$0	
GlaxosmithKline PLC ADR	2,300.000	94,681					
Merck & Co Inc. New Com			2,300.000	102,893	186,153	83,260	
Oaktree Capital Group LLC			3,600.000	149,746	173,835	24,089	
Funds held at Morgan Stanley - Dividends							\$26,232
Common & Preferred Stock Options							
Apple Inc (expires 03/15/2019)			(10.000)	(1,684)	(11,267)	(9,583)	
Apple Inc (expires 10/18/2019)	(10.000)	(6,987)					
Merck & Co Inc. New Com (expires 03/15/2019)			(49.000)	(5,095)	(6,948)	(1,853)	
Merck & Co Inc. New Com (expires 10/18/2019)	(49.000)	(11,780)	(23.000)	(5,529)	(6,653)	(1,124)	
Mutual Funds - Equity							
Dodge & Cox Stock Fund #145	0.238	44	0.000	0	38	38	
MFS Value Fund R6 #4810 (cusip 552983694)	0.250	10					
T Rowe Price Equity Income	0.415	12					
Vanguard 500 Index Fund Admiral Shares	0.162	44	0.000	0	2	2	
Dodge & Cox Stock Fund #145	0.238	44	0.000	0	38	38	
MFS Value Fund R6 #4810 (cusip 552983694)	0.250	10					
T Rowe Price Equity Income	0.415	12					
Vanguard 500 Index Fund Admiral Shares	0.162	44	0.000	0	2	2	
Funds held at Wells Fargo - Dividends							143
Mutual Funds - Bond							
Dodge & Cox Income Fund Com #147	20.154	275					
Federated Total Return Bond Fund	8.606	91					
Metropolitan West Total Return Bond Fund	7.751	81					
Wells Fargo Advantage Core Bond Fund	6.471	81					
Dodge & Cox Income Fund Com #147	20.151	275					
Federated Total Return Bond Fund	8.606	91					
Metropolitan West Total Return Bond Fund	7.749	81					
Wells Fargo Advantage Core Bond Fund	6.470	81					
Funds held at Wells Fargo - Dividends							1,056
Money Market & Cash Funds							
Morgan Stanley Bank N.A. #		400,740		396,804	396,804	0	22
Morgan Stanley Cash		2,030		16	16	0	
Wells Fargo #451		18					9
Wells Fargo #451		17					9
Total Endowment Trusts		<u>\$578,250</u>		<u>\$634,911</u>	<u>\$729,780</u>	<u>\$94,869</u>	<u>\$27,471</u>

UTAH STATE UNIVERSITY
PLANT FUND TRUSTS
SUMMARY REPORT OF INVESTMENTS AND INVESTMENT INCOME

Schedule E-1

	Beginning Fair Value	Purchases	Sales Proceeds	Change in Fair Value	Ending Fair Value	Average Daily Fair Value	Total Interest Income	Realized Gain or (Loss)	Total Realized Income	Less Expenses	Net Realized Income/(Loss)
Jul 2018	\$40,294,519	\$33,623	\$1,147,351	(\$5,643)	\$39,175,148	\$39,850,571	\$87,593		\$87,593		\$87,593
Aug 2018	39,175,148	97,622	2,267,575	5,984	37,011,179	38,906,449	85,649		85,649		85,649
Sep 2018	37,011,179	1,803,385	0	(9,744)	38,804,820	37,839,719	80,987		80,987		80,987
Oct 2018	38,804,820	78,981	2,231,282	(4,939)	36,647,580	36,652,360	83,283		83,283		83,283
Nov 2018	36,647,580	4,868,842	757,287	7,554	40,766,689	38,870,463	87,575		87,575		87,575
Dec 2018	40,766,689	107,015	6,995,907	16,583	33,894,380	34,752,442	82,881		82,881		82,881
Jan 2019	33,894,380	80,911	2,750,105	3,146	31,228,332	33,265,662	82,263		82,263		82,263
Feb 2019	31,228,332	92,300	1,205	(3,287)	31,316,140	31,318,020	71,706		71,706		71,706
Mar 2019	31,316,140	5,002,961	1,052,542	15,123	35,281,682	32,765,873	83,365		83,365		83,365
Apr 2019											
May 2019											
Jun 2019											
<hr/> <hr/>											
Comparative Totals:											
Year-to-date											
FY 2018-19	\$40,294,519	\$12,165,640	\$17,203,254	\$24,777	\$35,281,682	\$36,024,618	\$745,302	\$0	\$745,302	\$0	\$745,302
FY 2017-18	30,965,477	48,689,827	65,846,012	(4,888)	13,804,404	19,671,673	260,610	135,785	396,395	0	396,395
Amt Change					21,477,278	16,352,945	484,692	(135,785)	348,907	0	348,907
% Change					155.58%	83.13%	185.98%	-100.00%	88.02%	0.00%	88.02%

Note: Plant Fund Trusts include all debt service reserve and construction fund accounts in compliance with bond issue covenants.

UTAH STATE UNIVERSITY
 PLANT TRUSTS PORTFOLIO
 31 March 2019

Schedule E-1-A

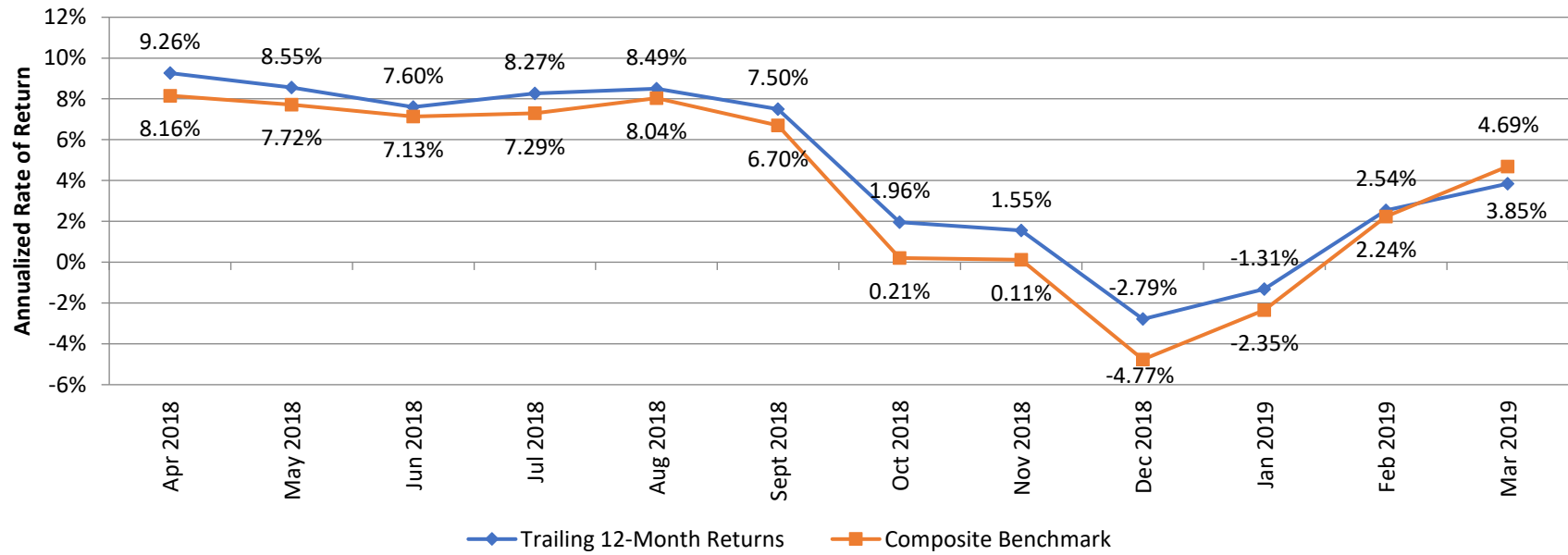
Description	Face Value	Number of Shares	Interest Rate	Date Acquired	Maturity Date	Cost	Fair Value	Unrealized Gain/(Loss)
US Bank								
Federal Home Loan Bank	830,000		2.900%	03/15/16	02/03/26	\$832,864	\$817,841	(\$15,023)
						<u>832,864</u>	<u>817,841</u>	<u>(15,023)</u>
Public Treasurers' Investment Fund								
Utah Public Treasurers' Investment Fund			2.956%			34,463,841	34,463,841	0
						<u>34,463,841</u>	<u>34,463,841</u>	<u>0</u>
Total Plant Trusts						<u>\$35,296,705</u>	<u>\$35,281,682</u>	<u>(\$15,023)</u>

UTAH STATE UNIVERSITY
SUMMARY OF PLANT TRUST INVESTMENT TRANSACTIONS
For the Month of March 2019

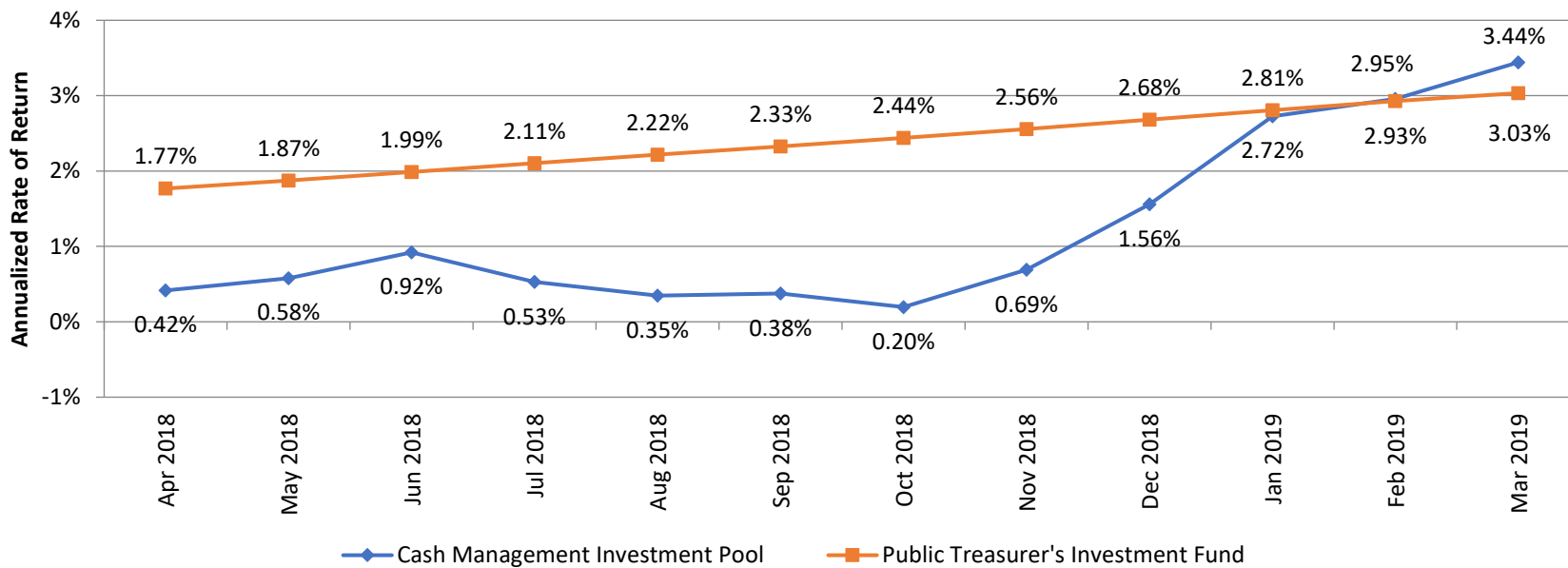
Schedule E-2

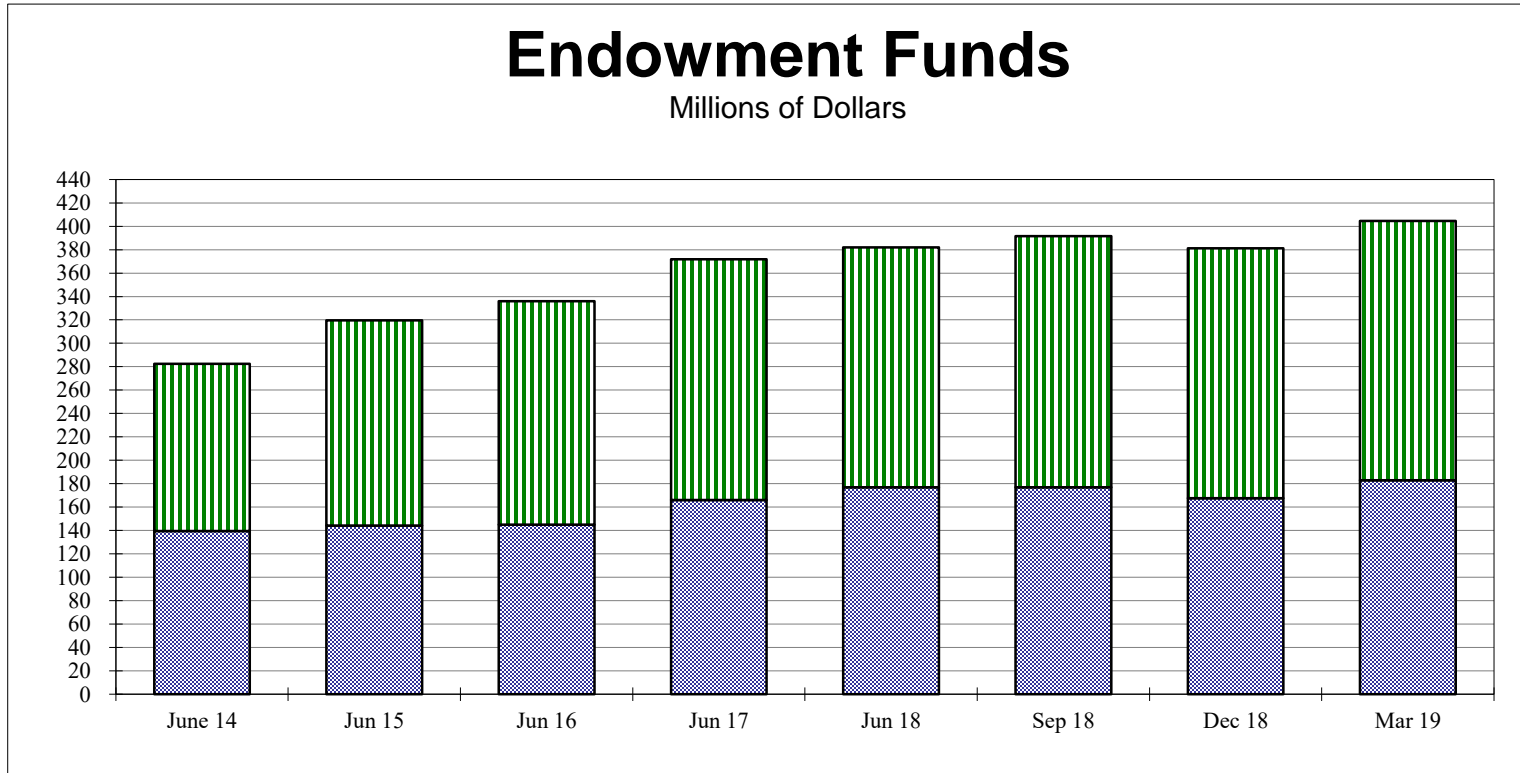
	Purchases		Sales			Earnings
	Shares	Cost	Shares	Cost	Receipts	
<u>Plant Trusts</u>						
US Bank						
Federal Home Loan Bank						\$2,006
Utah Public Treasurers' Investment Fund		\$5,002,961		\$1,052,542	\$1,052,542	\$0
		<u>\$5,002,961</u>		<u>\$1,052,542</u>	<u>\$1,052,542</u>	<u>\$0</u>
Total Plant Trusts		<u>\$5,002,961</u>		<u>\$1,052,542</u>	<u>\$1,052,542</u>	<u>\$83,365</u>

Endowment Pool



Cash Management Investment Pool





Quasi Endowment
True Endowment
Total

Fair Value	Fair Value	Fair Value	Fair Value	Fair Value	Fair Value	Fair Value	Fair Value
\$143.1	\$175.5	\$190.9	\$205.8	\$204.9	\$214.7	\$213.6	\$221.5
139.4	144.1	145.0	166.0	177.0	176.9	167.6	183.0
\$282.5	\$319.6	\$335.9	\$371.8	\$381.9	\$391.6	\$381.2	\$404.5

*As of July 1, 2010 the balances above reflect USU and USU-CEU's Endowment balances.

28 June 2019

ITEM FOR ACTION

RE: Contract/Grant Proposals and Awards (April 2019)

The summary of the Status of Sponsored Program Awards, prepared by our Sponsored Programs Office for April 2019 is submitted for the Trustees' consideration. They have received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

The awards for the month of April 2019 amounted to \$19,664,493 versus \$15,185,925 for April 2018.

The comparative graph, "Utah State University Sponsored Program Awards" indicates that through April 2019 cumulative award dollars in FY2019 were higher (32%) for the same time period in FY2018. Scholarships, fellowships and state appropriations for research are not included in either figure.

The value of proposals submitted increased (15.8%) from \$23,989,542 in April 2018 to \$27,774,293 during April 2019. The total number of current year proposals (1129) is less than FY2018 (1160).

RECOMMENDATION

The President and Vice President for Research recommend that the Board of Trustees approves the contract and grant status report for April 2019.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, The attached list of contract/grant proposals and awards (April 2019) are recommended by the President and the Vice President for Research to the Board of Trustees:

NOW THEREFORE, BE IT NOW RESOLVED, That the USU Board of Trustees hereby approves the recommendation of the President and the Vice President for Research.

RESOLUTION APPROVED BY BOARD OF TRUSTEES:

Date

Selected List of Awards Greater than \$1,000,000.00 from 04-01-2019 to 04-30-2019

Filters Applied*: No Filter

Award # 1

Control Number	S00002605	Agency	4,065,000.00
Contracting Agency	Air Force	Cost Share	0.00
Flow Through Agency	Air Force	Total	4,065,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Don Thompson		
Co-PI(s)			
Period of Performance	01-04-2016 -- 10-31-2019		
Original Award Date	12-17-2015		
Change/Mod Effective Date	04-15-2019		
Program Name	Steelhead		
Statement	Small Satellite Study		

Award # 2

Control Number	S04202000	Agency	1,550,000.00
Contracting Agency	Air Force Research Laboratory	Cost Share	0.00
Flow Through Agency	Air Force	Total	1,550,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Principal Investigator(s)	Brent Carlsen		
Co-PI(s)			
Period of Performance	09-26-2018 -- 12-26-2023		
Original Award Date	09-26-2018		
Change/Mod Effective Date	04-11-2019		
Program Name	Advanced Military Space Sensor Systems TO2		
Statement	The Precision Atomic Clocks, Magnetometers and Navigation (PACMaN) program is to provide subject matter expert (SME) support to the Air Force Research Laboratory's (AFRL) Strategic, Atomic Navigation Devices and Systems (SANDS) program with research, engineering, development, integration, and test/evaluation.		

Award # 3

Control Number	S06001012	Agency	3,596,000.00
Contracting Agency	Air Force Research Laboratory	Cost Share	0.00
Flow Through Agency	Air Force Research Laboratory	Total	3,596,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Todd Eppich		
Co-PI(s)			
Period of Performance	01-17-2019 -- 03-15-2021		
Original Award Date	01-17-2019		
Change/Mod Effective Date	04-15-2019		
Program Name	DSS TO 0001- Gryphon		
Statement	The Space Dynamics Laboratory (SDL) will support the development of advanced space situational awareness (SSA) sensor concepts, analyses, and designs. Work will also include continued development of the Full Sky Array (FSA) concept, as well as several new SSA sensor system concepts, and the associated program management activities.		

Award # 4

Control Number	S08015000	Agency	2,000,000.00
Contracting Agency	Missile Defense Agency	Cost Share	0.00
Flow Through Agency	Air Force Research Laboratory	Total	2,000,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Scott Anderson		
Co-PI(s)			
Period of Performance	09-26-2017 -- 09-25-2020		
Original Award Date	09-27-2017		
Change/Mod Effective Date	04-17-2019		
Program Name	Air Force Research Laboratory Doubletop/SteamMill		
Statement	The Space Dynamics Laboratory (SDL) will provide a subject matter expert (SME) support to the Air Force Research Laboratory Sensors Directorate (AFRL/RV) in technical areas including sensor systems research and development, modeling and simulation, ground and airborne mission system development and operation, systems integration, and data collection and evaluation.		

Agency Total	11,211,000.00
Cost Share Total	0.00

Grand Total **11,211,000.00**

* Only awards from the listed filters are included in this report. If you believe that you should have access to information about additional departments, colleges, or research centers, please submit a support request on the Electronic-Office website or email Keith Paskett: Ketih.Paskett@usurf.usu.edu.

Selected List of Proposals Greater than \$1,000,000.00 from 04-01-2019 to 04-30-2019

Filters Applied*: No Filter

Proposal # 1: Change Order

Control Number	S00001959	Agency	\$1,000,000.00
Proposal ID	T00006023 Revision: 0	Cost Share	\$0.00
Contracting Agency	Misc Federal Sponsors	Other	\$0.00
Customer	Misc Federal Sponsors	Total	\$1,000,000.00
Proposal Value	1,000,000.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Matt Cupal		
Co-PI(s)			
Period of Performance	11-01-2019 -- 05-30-2020		
Proposal Date	04-22-2019		
Program Name	Solus Prime		
Statement	THIS PROJECT WILL TRANSFORM OUR SECURITY		

Proposal # 2: New

Control Number	S00004215	Agency	\$4,904,912.00
Proposal ID	T00005995 Revision: 0	Cost Share	\$0.00
Contracting Agency	Georgia Institute of Technology (Georgia Tech)	Other	\$0.00
Customer	Hill Air Force Base	Total	\$4,904,912.00
Proposal Value	4,904,912.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Kenny Reese		
Co-PI(s)			
Period of Performance	05-15-2019 -- 04-30-2024		
Proposal Date	04-26-2019		
Program Name	Live Mission Operations Center (LMOC) Software Integration Lab (SIL) Subject Matter Expert (SME) Support		
Statement	Space Dynamics Laboratory will provide on-site support at the Hill AFB Live Mission Operations Center (LMOC) Software Integration Laboratory (SIL), to include the following tasks. Provide on-site engineering and subject matter expert support at the LMOC SIL at Hill AFB. Provide engineering support for the development of the LMOC War Room 1.0. Å# Assist in the development of the Enhanced Range Training Officer (ERTO) software.		

Proposal # 3: Change Order

Control Number	S08018000	Agency	\$6,416,543.00
Proposal ID	T00006005	Revision: 0	Cost \$0.00
		Share	
Contracting Agency	Missile Defense Agency	Other	\$0.00
Customer	Missile Defense Agency	Total	\$6,416,543.00
Proposal Value	6,416,543.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Jim Perry		
Co-PI(s)			
Period of Performance	05-15-2019 -- 10-31-2020		
Proposal Date	04-10-2019		
Program Name	CubeSat/NanoSat Testbed Initiative		
Statement	The Space Dynamics Laboratory (SDL) will provide a subject matter expert (SME and analytical services to support Missile Defense Agency (MDA). Key support areas include systems engineering, technical assessments of missile defense programs, architectures and technologies.		

Proposal # 4: Revision

Control Number	S08030000	Agency	\$72,000.00
Proposal ID	T00005855	Revision: 1	Cost \$0.00
		Share	
Contracting Agency	Missile Defense Agency	Other	\$0.00
Customer	Air Force Space and Missiles Command	Total	\$72,000.00
Proposal Value	2,329,277.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Tom Bernhardt		
Co-PI(s)			
Period of Performance	06-01-2019 -- 11-30-2019		
Proposal Date	04-26-2019		
Program Name	Future Operationally Resilient Ground Evolution (FORGE) Open Repository and Code Escrow (FORCE)		
Statement	Under this task order, Space Dynamics Lab (SDL) will develop capabilities that will enable the Government to manage the Future Operationally Resilient Ground Evolution (FORGE) Mission Data Processing (MDP) solution.		

Agency Total	\$12,393,455.00
Cost Share Total	\$0.00
Other Total	\$0.00
Grand Total	\$12,393,455.00

Proposal # 5: Revision

Control Number	S08031000	Agency	\$16,249.06
Proposal ID	T00004473 Revision: 1	Cost Share	\$0.00
Contracting Agency	Missile Defense Agency	Other	\$0.00
Customer	Air Force	Total	\$16,249.06
Proposal Value	1,714,839.06		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Shawn Nielson		
Co-PI(s)			
Period of Performance	04-01-2019 -- 06-30-2020		
Proposal Date	03-19-2019		
Program Name	Ogden Data Device-Ethernet Crypto KC-46		
Statement	Space Dynamics Laboratory will provide phase 1 development of hardware, firmware, and device drivers required for a KC-46 compatible variant of the Air Force/Navy Ogden Data Device Ethernet Crypto (ODD-EC), herein referred to as the ODD-EC-46. The KC-46 is a new military aerial refueling aircraft developed by Boeing. Phase 1 includes design, engineering development, fabrication, and test of prototype units of the ODD-EC-46 for demonstration and validation.		

Agency Total	\$7,949,727.90
Cost Share Total	\$0.00
Other Total	\$0.00
Grand Total	\$7,949,727.90

* Only proposals from the listed filters are included in this report. If you believe that you should have access to information about additional departments, colleges, or research centers, please submit a support request on the Electronic-Office website or email Keith Paskett: Keith.Paskett@usurf.usu.edu.

NOTE: All campus awards received by USU during April 2019 were less than \$1 Million each.

Utah State University/Sponsored Programs Office - List of Proposals Over \$1 Million: 04/01/2019 - 04/30/2019

Proposal Number	Sponsor Name	Prime Sponsor Name	Principal Investigators	Co-Investigators	Proposal Date	Title	Cost Total
00191129	U.S. National Aeronautics & Space Administration (NASA)	N\A	David G Tarboton	Alfonso Faustino Torres, Tianfang Xu, Ruijie Zeng	4/16/19	An Integrated Modeling and Machine Learning Approach to Advancing Hydrologic Forecasting and Water Resources Management	\$ 1,435,288.46
00191215	U.S. National Science Foundation (NSF)	N\A	Trisha Brooke Atwood	Karen H Beard, Bonnie Grace Waring	4/18/19	Understanding the effects of above-and below ground linkages on carbon cycling in a high latitude, coastal wetland	\$ 1,297,113.13
							\$ 2,732,401.59

28 June 2019

ITEM FOR ACTION

RE: Contract/Grant Proposals and Awards (May 2019)

The summary of the Status of Sponsored Program Awards, prepared by our Sponsored Programs Office for May 2019 is submitted for the Trustees' consideration. They have received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

The awards for the month of May 2019 amounted to \$33,026,050 versus \$24,178,722 for May 2018.

The comparative graph, "Utah State University Sponsored Program Awards" indicates that through May 2019 cumulative award dollars in FY2019 were higher (32%) for the same time period in FY2018. Scholarships, fellowships and state appropriations for research are not included in either figure.

The value of proposals submitted increased (93%) from \$28,238,521 in May 2018 to \$54,488,967 during May 2019. The total number of current year proposals (1246) is less than FY2018 (1295).

RECOMMENDATION

The President and Vice President for Research recommend that the Board of Trustees approves the contract and grant status report for May 2019.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, The attached list of contract/grant proposals and awards (May 2019) are recommended by the President and the Vice President for Research to the Board of Trustees:

NOW THEREFORE, BE IT NOW RESOLVED, That the USU Board of Trustees hereby approves the recommendation of the President and the Vice President for Research.

RESOLUTION APPROVED BY BOARD OF TRUSTEES:

Date

Selected List of Awards from 05-01-2019 to 05-31-2019

Filters Applied*: No Filter

Award # 1

Control Number	S00001477	Agency	30,000.00
Contracting Agency	NASA Jet Propulsion Laboratory	Cost Share	0.00
Flow Through Agency	NASA - General	Total	30,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Pedro Sevilla		
Co-PI(s)			
Period of Performance	09-10-2013 -- 10-27-2019		
Original Award Date	09-10-2013		
Change/Mod Effective Date	05-21-2019		
Program Name	NEOWISE Reactivation Mission Support		
Statement	The Space Dynamics Laboratory shall provide the resources and facilities necessary to support the mission operations phase of the NEOWISE Reactivation Mission.		

Award # 2

Control Number	S00001959	Agency	1,000,000.00
Contracting Agency	Misc Federal Sponsors	Cost Share	0.00
Flow Through Agency	Misc Federal Sponsors	Total	1,000,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Matt Cupal		
Co-PI(s)			
Period of Performance	07-28-2014 -- 12-31-2019		
Original Award Date	07-28-2014		
Change/Mod Effective Date	05-24-2019		
Program Name	Solus Prime		
Statement	THIS PROJECT WILL TRANSFORM OUR SECURITY		

For Official Use Only

Prepared: 06-12-2019 15:20

Award # 3

Control Number	S00002827	Agency	577,378.00
Contracting Agency	NASA Goddard Space Flight Center	Cost Share	0.00
Flow Through Agency	NASA - General	Total	577,378.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Erik Syrstad		
Co-PI(s)			
Period of Performance	08-15-2017 -- 06-30-2019		
Original Award Date	08-17-2017		
Change/Mod Effective Date	05-24-2019		
Program Name	Atmospheric Waves Experiment		
Statement	The Space Dynamics Laboratory will build the Advanced Mesospheric Temperature Mapper (AMTM) for the Atmospheric Waves Experiment (AWE). AWE is a low-risk, space-weather mission that uses proven technologies for observing gravity waves from ground stations and aircraft.		

Award # 4

Control Number	S00003325	Agency	435,000.00
Contracting Agency	Ball Aerospace and Tech	Cost Share	0.00
Flow Through Agency	NASA - General	Total	435,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Trent Newswander		
Co-PI(s)			
Period of Performance	07-18-2018 -- 06-30-2019		
Original Award Date	07-18-2018		
Change/Mod Effective Date	05-01-2019		
Program Name	Wide Field Infrared Survey Telescope (WFIRST)		
Statement	The Space Dynamics Laboratory will provide the Relative Calibration System (RCS), thermal straps, and independent thermal modeling for the Wide Field Infrared Survey Telescope (WFIRST) program.		

Award # 5

Control Number	S00003381	Agency	4,112,351.00
Contracting Agency	NASA Goddard Space Flight Center	Cost Share	0.00
Flow Through Agency	NASA - General	Total	4,112,351.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Trent Newswander		
Co-PI(s)			
Period of Performance	01-19-2018 -- 08-31-2020		
Original Award Date	01-19-2018		
Change/Mod Effective Date	05-08-2019		
Program Name	Ocean Color Instrument (OCI) Short Wave Infra-Red (SWIR) Aft Optics Box (AOB)		
Statement	The Space Dynamics Laboratory (SDL) will assemble, integrate, and test the Aft Optics Box (AOB) for the Ocean Color Instrument (OCI). SDL will deliver one complete AOB engineering test unit (ETU), one complete AOB flight unit, and one spare Short Wave Infra-Red (SWIR) detector subassemblies (SDS) of each of the five variants.		

Award # 6

Control Number	S00003419	Agency	-11,378.15
Contracting Agency	The University of Arizona	Cost Share	0.00
Flow Through Agency	NASA - General	Total	-11,378.15
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Erik Syrstad		
Co-PI(s)			
Period of Performance	08-30-2018 -- 01-24-2019		
Original Award Date	08-30-2018		
Change/Mod Effective Date	05-16-2019		
Program Name	Descent Imager for European Hazard Avoidance and Radiation Durability (DIEHARD) Control and Detector Read-out Electronics for the Camera Service Module (CSM)		
Statement	During Phase 1 the Space Dynamics Laboratory will provide the Camera Service Module (CSM) conceptual design. During Phase 2 the Space Dynamics Laboratory will provide one Brass Board Unit (BBU).		

Award # 7

Control Number	S00003459	Agency	417,807.00
Contracting Agency	NASA Jet Propulsion Laboratory	Cost Share	0.00
Flow Through Agency	NASA - General	Total	417,807.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Curtis Bingham		
Co-PI(s)			
Period of Performance	06-12-2017 -- 12-01-2019		
Original Award Date	06-12-2017		
Change/Mod Effective Date	05-02-2019		
Program Name	Near-Earth Object Camera (NEOCam) Extended Phase A		
Statement	The Space Dynamics Laboratory will provide the necessary resources, materials, and facilities to support the Jet Propulsion Laboratory with instrument development for the Near-Earth Object Camera (NEOCam) Flight Systems for NEOCam during the extended phase A.		

Award # 8

Control Number	S00003629	Agency	21,798.00
Contracting Agency	NASA Jet Propulsion Laboratory	Cost Share	0.00
Flow Through Agency	NASA - General	Total	21,798.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Tim Neilsen		
Co-PI(s)			
Period of Performance	11-28-2017 -- 05-31-2019		
Original Award Date	11-28-2017		
Change/Mod Effective Date	05-13-2019		
Program Name	Sun Radio Interferometer Science Experiment (SunRISE) Phase A Concept Study		
Statement	The Space Dynamics Laboratory will assist Jet Propulsion Laboratory in a Phase A concept study in support of the Sun Radio Interferometer Science Experiment (SunRISE) Mission.		

Award # 9

Control Number	S00003933	Agency	-4,092.55
Contracting Agency	Lockheed Martin Space Systems	Cost Share	0.00
Flow Through Agency	Lockheed Martin Space Systems	Total	-4,092.55
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Adam Shelley		
Co-PI(s)			
Period of Performance	06-29-2018 -- 10-31-2018		
Original Award Date	06-29-2018		
Change/Mod Effective Date	05-22-2019		
Program Name	Ascendent		
Statement	The Space Dynamics Laboratory will provide systems engineering support to Lockheed Martin as part of a spaceflight research study.		

Award # 10

Control Number	S00004149	Agency	161,433.00
Contracting Agency	Aerojet Rocketdyne, Inc.	Cost Share	0.00
Flow Through Agency	Lockheed Martin Space Systems	Total	161,433.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Robert Burt		
Co-PI(s)			
Period of Performance	05-21-2019 -- 10-24-2019		
Original Award Date	05-22-2019		
Change/Mod Effective Date	05-22-2019		
Program Name	Aerojet Propulsion ElectoniX (APEX)		
Statement	The Space Dynamics Laboratory will build and test a MPS-125 propulsion system avionics driver for Aerojet. Space Dynamics Laboratory will deliver two engineering development units, one emulator and three flight units.		

Award # 11

Control Number	S00004185	Agency	100,000.00
Contracting Agency	Radiance Technologies, Inc.	Cost Share	0.00
Flow Through Agency	Army	Total	100,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Paul Oppenheimer		
Co-PI(s)			
Period of Performance	03-20-2019 -- 02-27-2022		
Original Award Date	03-21-2019		
Change/Mod Effective Date	05-17-2019		
Program Name	System Engineering and Technical Assistance Support (SETAS) Order 0016		
Statement	Space Dynmics Laboratory will provide research, development, and engineering support pursuant to the System Engineering and Technical Assistance Support (SETAS) program for support of the High Energy Laser (HEL) Lethality Assessment and Program.		

Award # 12

Control Number	S00004255	Agency	195,498.00
Contracting Agency	Army	Cost Share	0.00
Flow Through Agency	Army	Total	195,498.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Scott Conner		
Co-PI(s)			
Period of Performance	05-21-2019 -- 05-30-2019		
Original Award Date	06-06-2019		
Change/Mod Effective Date	05-21-2019		
Program Name	Support Development of Resilient Satellite Communication (SATCOM) Technology, Equipment and Service		
Statement	The Space Dynamics Laboratory will provide a study to support the development of resilient Satellite Communication (SATCOM) technology, equipment and services for inclusion into the Army's Integrated Tactical Network.		

Award # 13

Control Number	S06001010	Agency	92,000.00
Contracting Agency	Air Force Research Laboratory	Cost	0.00
		Share	
Flow Through Agency	Air Force Research Laboratory	Total	92,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Todd Eppich		
Co-PI(s)			
Period of Performance	02-23-2018 -- 03-15-2021		
Original Award Date	02-23-2018		
Change/Mod Effective Date	05-28-2019		
Program Name	DSS TO 0001 - Technical Advisory Support		
Statement	The Space Dynamics Laboratory (SDL) will support the development of advanced space situational awareness (SSA) sensor concepts, analyses, and designs. Work will also include continued development of the Full Sky Array (FSA) concept, as well as several new SSA sensor system concepts, and the associated program management activities.		

Award # 14

Control Number	S06001012	Agency	5,950,000.00
Contracting Agency	Air Force Research Laboratory	Cost	0.00
		Share	
Flow Through Agency	Air Force Research Laboratory	Total	5,950,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Todd Eppich		
Co-PI(s)			
Period of Performance	01-17-2019 -- 03-15-2021		
Original Award Date	01-17-2019		
Change/Mod Effective Date	05-21-2019		
Program Name	DSS TO 0001- Gryphon		
Statement	The Space Dynamics Laboratory (SDL) will support the development of advanced space situational awareness (SSA) sensor concepts, analyses, and designs. Work will also include continued development of the Full Sky Array (FSA) concept, as well as several new SSA sensor system concepts, and the associated program management activities.		

Award # 15

Control Number	S06004002	Agency	1,288,800.00
Contracting Agency	Air Force Research Laboratory	Cost Share	0.00
Flow Through Agency	Air Force Research Laboratory	Total	1,288,800.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Principal Investigator(s)	Brent Carlsen		
Co-PI(s)			
Period of Performance	04-29-2016 -- 03-15-2021		
Original Award Date	04-29-2016		
Change/Mod Effective Date	05-16-2019		
Program Name	Dynamic Sensor Support (DSS) TO 0004 - Optical Rubidium Atomic Frequency Standard (O-RAFS)		
Statement	The Space Dynamics Laboratory (SDL) will support Air Force Research Laboratory (AFRL) in executing both a basic research program for better understanding the physical principles of operation of Atomic Timing and Navigation (ATNAV) devices, and applying a development program which will ultimately yield flight-ready hardware for future ATNAV flight demonstrations. In addition, SDL will provide advanced engineering for laser systems, optimized electronics, and space environmental designs to successfully leverage atomic physics-based systems.		

Award # 16

Control Number	S06006000	Agency	4,211.00
Contracting Agency	Air Force Research Laboratory	Cost Share	0.00
Flow Through Agency	Air Force Research Laboratory	Total	4,211.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Alan Thurgood		
Co-PI(s)			
Period of Performance	03-15-2016 -- 03-15-2021		
Original Award Date	03-15-2016		
Change/Mod Effective Date	05-17-2019		
Program Name	Air Force Research Laboratory (AFRL) Task Order 0006 Imaging Sensor Calibration Activities		
Statement	The Space Dynamics Laboratory (SDL) will provide technical expertise to the Air Force Research Laboratory (AFRL) in the development of calibration instrumentation and execution of spectral, spatial, radiometric calibration, and scattering characterization of space and airborne sensors that operate in the		

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ultraviolet, visible, near infrared, short-wave infrared, mid-wave infrared, and long-wave infrared

Award # 17

Control Number	S08004000	Agency	170,000.00
Contracting Agency	Missile Defense Agency	Cost Share	0.00
Flow Through Agency	Missile Defense Agency	Total	170,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Scott Conner		
Co-PI(s)			
Period of Performance	01-31-2017 -- 02-15-2022		
Original Award Date	01-30-2017		
Change/Mod Effective Date	05-16-2019		
Program Name	Missile Defense Agency Ground-Based Midcourse (GM) Technical Direction Agent Team Support		
Statement	As a member of the Ground-Based Midcourse Defense (GMD) Technical Direction Agent (TDA) Team, the Space Dynamics Laboratory (SDL) will provide subject matter expertise in technical areas being assessed within the scope of the TDA Team and SDL's University Affiliated Research Center (UARC) core competencies.		

Award # 18

Control Number	S08004000	Agency	2,541,946.00
Contracting Agency	Missile Defense Agency	Cost Share	0.00
Flow Through Agency	Missile Defense Agency	Total	2,541,946.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Scott Conner		
Co-PI(s)			
Period of Performance	01-31-2017 -- 02-15-2022		
Original Award Date	01-30-2017		
Change/Mod Effective Date	05-23-2019		
Program Name	Missile Defense Agency Ground-Based Midcourse (GM) Technical Direction Agent Team Support		
Statement	As a member of the Ground-Based Midcourse Defense (GMD) Technical Direction Agent (TDA) Team, the Space Dynamics Laboratory (SDL) will provide subject matter expertise in technical areas being assessed within the scope of the TDA Team and SDL's University Affiliated Research Center (UARC) core competencies.		

Award # 19

Control Number	S08018004	Agency	5,648,970.00
Contracting Agency	Missile Defense Agency	Cost Share	0.00
Flow Through Agency	Missile Defense Agency	Total	5,648,970.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Paul Oppenheimer		
Co-PI(s)			
Period of Performance	05-22-2019 -- 10-31-2020		
Original Award Date	05-22-2019		
Change/Mod Effective Date	05-22-2019		
Program Name	MDA Task Order 18 Recurve		
Statement	The Space Dynamics Laboratory (SDL) will provide a subject matter expert (SME) and analytical services to support Missile Defense Agency (MDA). Key support areas include systems engineering, technical assessments of missile defense programs, architectures and technologies.		

Award # 20

Control Number	S08030000	Agency	2,329,277.00
Contracting Agency	Missile Defense Agency	Cost Share	0.00
Flow Through Agency	Air Force Space and Missiles Command	Total	2,329,277.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Tom Bernhardt		
Co-PI(s)			
Period of Performance	07-16-2018 -- 12-02-2019		
Original Award Date	07-16-2018		
Change/Mod Effective Date	05-16-2019		
Program Name	Future Operationally Resilient Ground Evolution (FORGE) Open Repository and Code Escrow (FORCE)		
Statement	Under this task order, Space Dynamics Lab (SDL) will develop capabilities that will enable the Government to manage the Future Operationally Resilient Ground Evolution (FORGE) Mission Data Processing (MDP) solution.		

Award # 21

Control Number	S12004001	Agency	781,725.00
Contracting Agency	Naval Research Lab	Cost Share	0.00
Flow Through Agency	Naval Research Lab	Total	781,725.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Darin Partridge		
Co-PI(s)			
Period of Performance	05-25-2016 -- 11-30-2019		
Original Award Date	05-25-2016		
Change/Mod Effective Date	05-15-2019		
Program Name	Naval Research Laboratory (NRL) Intelligence, Surveillance, and Reconnaissance Systems (ISRS) Task Order 0004 - NCMIFTI		
Statement	The Space Dynamics Laboratory (SDL) will provide support to the Naval Research Laboratory (NRL) Intelligence, Surveillance, and Reconnaissance Systems (ISRS) contract in the following areas: (1) The development and implementation of ground stations; (2) Platform structures and mechanisms; (3) System architecture and development of multi-INT payloads; (4) Reconnaissance/surveillance systems engineering capability.		

Award # 22

Control Number	S12004004	Agency	5,000.00
Contracting Agency	Naval Research Lab	Cost Share	0.00
Flow Through Agency	Naval Research Lab	Total	5,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Darin Partridge		
Co-PI(s)			
Period of Performance	07-13-2016 -- 11-30-2019		
Original Award Date	07-13-2016		
Change/Mod Effective Date	05-15-2019		
Program Name	Naval Research Laboratory (NRL) Intelligence, Surveillance, and Reconnaissance Systems (ISRS) Task Order 0004 - Smart Logic Support		
Statement	Smart Logic, Incorporated will provide Space Dynamics Laboratory (SDL)with engineering support on the Naval Research Laboratory(NRL)with expertise in Intelligence Surveillance and Reconnaissance (ISR) field. Work will be directed by NRL.		

Award # 23

Control Number	S12004008	Agency	191,024.00
Contracting Agency	Naval Research Lab	Cost	0.00
		Share	
Flow Through Agency	Naval Research Lab	Total	191,024.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Scott Anderson		
Co-PI(s)			
Period of Performance	01-24-2018 -- 11-30-2019		
Original Award Date	01-24-2018		
Change/Mod Effective Date	05-29-2019		
Program Name	Naval Research Laboratory (NRL) Intelligence, Surveillance, and Reconnaissance Systems (ISRS) Task Order 0004 - Brilliant Effects Employment Shadow (BEES)		
Statement	Space Dynamics Laboratory will assist the Naval Research Laboratory (NRL) in building a autonomous, multi-platform with Unmanned Autonomous System (UAS) capability to perform Intelligence, Surveillance, and Reconnaissance (ISR) while delivering electronic warfare effects to find, fix, track and target mobile targets.		

Award # 24

Control Number	S12004009	Agency	348,000.00
Contracting Agency	Naval Research Lab	Cost	0.00
		Share	
Flow Through Agency	Naval Research Lab	Total	348,000.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Scott Anderson		
Co-PI(s)			
Period of Performance	01-24-2018 -- 11-30-2019		
Original Award Date	02-15-2018		
Change/Mod Effective Date	05-29-2019		
Program Name	Naval Research Laboratory (NRL) Intelligence, Surveillance, and Reconnaissance Systems (ISRS) Task Order 0004 - Trident Spectre 2018 Demonstration		
Statement	Space Dynamics Laboratory will support the Trident Spectre 2018 Demonstration.		

Award # 25

Control Number	S12005001	Agency	11,905.00
Contracting Agency	Naval Research Lab	Cost Share	0.00
Flow Through Agency	Naval Research Lab	Total	11,905.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Darin Partridge		
Co-PI(s)			
Period of Performance	05-09-2018 -- 11-30-2019		
Original Award Date	05-09-2018		
Change/Mod Effective Date	05-28-2019		
Program Name	Naval Research Laboratory (NRL) Intelligence, Surveillance, and Reconnaissance Systems (ISRS) Task 5 (N00173-17-F-6704) - NCMIFTI		
Statement	The Space Dynamics Laboratory (SDL) will provide support to the Naval Research Laboratory (NRL) Intelligence, Surveillance, and Reconnaissance Systems (ISRS) contract in the following areas: (1) The development and implementation of ground stations; (2) Platform structures and mechanisms; (3) System architecture and development of multi-INT payloads; (4) Reconnaissance/surveillance systems engineering capability.		

Award # 26

Control Number	S12005005	Agency	310,275.00
Contracting Agency	Naval Research Lab	Cost Share	0.00
Flow Through Agency	Air Force	Total	310,275.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Shane Jenkins		
Co-PI(s)			
Period of Performance	11-07-2018 -- 11-30-2019		
Original Award Date	11-07-2018		
Change/Mod Effective Date	05-14-2019		
Program Name	Naval Research Laboratory (NRL) Intelligence, Surveillance, and Reconnaissance Systems (ISRS) Task Order 0005 - Fly-Away VIP-C/RISNO		
Statement	Transitized VIP-C system to serve a specific purpose of providing a deployable asset. The requirement calls for the capability to process (SYERS and ASARS) Sensor imagery.		

Award # 27

Control Number	S12005005	Agency	95,238.00
Contracting Agency	Naval Research Lab	Cost Share	0.00
Flow Through Agency	Air Force	Total	95,238.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Shane Jenkins		
Co-PI(s)			
Period of Performance	11-07-2018 -- 11-30-2019		
Original Award Date	11-07-2018		
Change/Mod Effective Date	05-28-2019		
Program Name	Naval Research Laboratory (NRL) Intelligence, Surveillance, and Reconnaissance Systems (ISRS) Task Order 0005 - Fly-Away VIP-C/RISNO		
Statement	Transitized VIP-C system to serve a specific purpose of providing a deployable asset. The requirement calls for the capability to process (SYERS and ASARS) Sensor imagery.		

Award # 28

Control Number	S12005006	Agency	142,857.00
Contracting Agency	Naval Research Lab	Cost Share	0.00
Flow Through Agency	Air Force	Total	142,857.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Shawn Nielson		
Co-PI(s)			
Period of Performance	11-07-2018 -- 11-30-2019		
Original Award Date	11-07-2018		
Change/Mod Effective Date	05-28-2019		
Program Name	Naval Research Laboratory (NRL) Intelligence, Surveillance, and Reconnaissance Systems (ISRS) Task Order 0005 - F-16 Com (Digital Comm Matrix)		
Statement	Space Dynamics Laboratory will re-engineer the existing F-16 analog Communications Matrix, with the goal of creating a form, fit, function replacement using digital signal processing techniques for improved audio quality and upgrade capability.		

Award # 29

Control Number	S21603001	Agency	75,329.00
Contracting Agency	Praxis Inc	Cost Share	0.00
Flow Through Agency	Naval Research Lab	Total	75,329.00
Department	USURF		
College	USURF		
Admin. Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Dwyne Gardner		
Co-PI(s)			
Period of Performance	05-21-2019 -- 07-05-2020		
Original Award Date	05-22-2019		
Change/Mod Effective Date	05-21-2019		
Program Name	Precise Atmospheric Research Calibration - Task Order 1 Blue Marlin		
Statement	Space Dynamics Laboratory (SDL) will provide maintenance to existing strategic target sites, sensors, equipment, communications suites, and any other aspects of the existing infrastructure. SDL will, as needed, assist in engineering efforts to improve, replace, and renovate sites per the needs of the customer to maintain relevance of strategic target sites. SDL will collect and provide data on routine basis (as determined by government customer) from strategic target sites.		
		Agency Total	27,022,351.30
		Cost Share Total	0.00
		Grand Total	27,022,351.30

* Only awards from the listed filters are included in this report. If you believe that you should have access to information about additional departments, colleges, or research centers, please submit a support request on the Electronic-Office website or email Keith Paskett: Keith.Paskett@usurf.usu.edu.

**Selected List of Proposals Greater than
\$1,000,000.00 from 05-01-2019 to 05-31-2019**

Filters Applied*: No Filter

Proposal # 1: Change Order

Control Number	S00002607	Agency	\$1,085,318.00
Proposal ID	T00006123	Revision: 0	Cost \$0.00
		Share	
Contracting Agency	Air Force	Other	\$0.00
Customer	Air Force	Total	\$1,085,318.00
Proposal Value	1,085,318.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Jim Perry		
Co-PI(s)			
Period of Performance	06-26-2019 -- 03-31-2021		
Proposal Date	05-31-2019		
Program Name	Kokanee		
Statement	Cubesat Mission		

Proposal # 2: New

Control Number	S00002827	Agency	\$5,727,773.00
Proposal ID	T00006107	Revision: 0	Cost \$0.00
		Share	
Contracting Agency	NASA Goddard Space Flight Center	Other	\$0.00
Customer	NASA - General	Total	\$5,727,773.00
Proposal Value	5,727,773.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Burt Lamborn		
Co-PI(s)			
Period of Performance	06-01-2019 -- 11-30-2019		
Proposal Date	05-20-2019		
Program Name	Atmospheric Waves Experiment		
Statement	The Space Dynamics Laboratory will build the Advanced Mesospheric Temperature Mapper (AMTM) for the Atmospheric Waves Experiment (AWE). AWE is a low-risk, space-weather mission that uses proven technologies for observing gravity waves from ground stations and aircraft.		

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Proposal # 3: Revision

Control Number	S00003549	Agency	\$-1,195,997.19
Proposal ID	T00005395 Revision: 2	Cost	\$0.00
		Share	
Contracting Agency	Air Force	Other	\$0.00
Customer	Air Force	Total	\$-1,195,997.19
Proposal Value	10,313,237.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Jack Felici		
Co-PI(s)			
Period of Performance	05-31-2019 -- 10-31-2021		
Proposal Date	05-10-2019		
Program Name	Extensible Web enabled Operations Center (EWOC) Mission Operations		
Statement	Space Dynamics Laboratory will build an operations center.		

Proposal # 4: Revision

Control Number	S00004029	Agency	\$-248,495.00
Proposal ID	T00005639 Revision: 2	Cost	\$0.00
		Share	
Contracting Agency	ARGO-ITALY	Other	\$0.00
Customer	Italian Space Agency	Total	\$-248,495.00
Proposal Value	1,194,128.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Tim Neilsen		
Co-PI(s)			
Period of Performance	08-01-2019 -- 04-30-2020		
Proposal Date	05-16-2019		
Program Name	Flight IRIS Radio for Argotec		
Statement	The Space Dynamics Laboratory will provide one flight IRIS radio to Argotec.		

Proposal # 5: New

Control Number	S06009000	Agency	\$5,999,968.00	
Proposal ID	T00006071	Revision: 0	Cost Share	\$0.00
Contracting Agency	Air Force Research Laboratory	Other	\$0.00	
Customer	Air Force Research Laboratory	Total	\$5,999,968.00	
Proposal Value	5,999,968.00			
Research Center	USU Research Foundation			
Research Function	Sponsored Research-Applied			
Program Manager(s)	Clint Edwards			
Co-PI(s)				
Period of Performance	07-01-2019 -- 03-31-2024			
Proposal Date	05-14-2019			
Program Name	Dynamic Sensor Support (DSS) Task Order 0009 Space Environment Exploitation & Mitigation (SEEM)			
Statement	The Space Dynamics Laboratory (SDL) will provide research and development (R&D) support of in-house ionospheric research and scientific and technology investigations for the RVBX Space Environment Exploitation and Mitigation Program. SDL will provide electrical engineering and technology expertise directly related to design, development and implementation of ground, airborne and space crafts, sensor engineering, design and fabrication of laboratory equipment, repair/upgrade/refurbish and testing and analysis of ground-based sensors.			

Proposal # 6: Change Order

Control Number	S08014000	Agency	\$3,867,184.00	
Proposal ID	T00006065	Revision: 0	Cost Share	\$0.00
Contracting Agency	Missile Defense Agency	Other	\$0.00	
Customer	Missile Defense Agency	Total	\$3,867,184.00	
Proposal Value	3,867,184.00			
Research Center	USU Research Foundation			
Research Function	Sponsored Research-Applied			
Program Manager(s)	Ping Hagler			
Co-PI(s)				
Period of Performance	06-01-2019 -- 02-15-2022			
Proposal Date	05-10-2019			
Program Name	Seeker Component Technology Subject Matter Expert (SME) Support			
Statement	The purpose of this task order is to provide Subject Matter Expert (SME) support to the Missile Defense Agency (MDA) Advanced Technology (DV) program. MDA supports the Ballistic Missile Defense System (BMDS) and space architecture, threat, countermeasures and phenomenology expertise to MDA/BMDS Reviews.			

Proposal # 7: Revision

Control Number	S08018000	Agency	\$-377.00
Proposal ID	T00006005 Revision: 1	Cost	\$0.00
		Share	
Contracting Agency	Missile Defense Agency	Other	\$0.00
Customer	Missile Defense Agency	Total	\$-377.00
Proposal Value	6,416,166.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Jim Perry		
Co-PI(s)			
Period of Performance	05-15-2019 -- 10-31-2020		
Proposal Date	05-02-2019		
Program Name	CubeSat/NanoSat Testbed Initiative		
Statement	The Space Dynamics Laboratory (SDL) will provide a subject matter expert (SME and analytical services to support Missile Defense Agency (MDA). Key support areas include systems engineering, technical assessments of missile defense programs, architectures and technologies.		

Proposal # 8: New

Control Number	S08033000	Agency	\$2,425,607.00
Proposal ID	T00006047 Revision: 0	Cost	\$0.00
		Share	
Contracting Agency	Air Force Research Laboratory	Other	\$0.00
Customer	Air Force Research Laboratory	Total	\$2,425,607.00
Proposal Value	2,425,607.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Gavin Payne		
Co-PI(s)			
Period of Performance	07-15-2019 -- 02-15-2022		
Proposal Date	05-15-2019		
Program Name	RFBR Program Support TO 33		
Statement	This purpose of Task Order 33 is to support the Air Force Space and Missile Systems Center's Remote Sensing Systems Directorate (SMC/RS) and their Space Situational Awareness Environmental Monitoring (SSAEM) Program. Utah State University/Space Dynamics Laboratory (USU/SDL) will perform in its capacity as a University Affiliated Research Center (UARC) for research, design, development, procurement, storage, fabrication, assembly, testing, shipping, logistics, deployment, and ongoing engineering support of the receivers, antennas, and software.		

Proposal # 9: Revision

Control Number	S08033000	Agency	\$-612,106.00
Proposal ID	T00006047 Revision: 1	Cost Share	\$0.00
Contracting Agency	Air Force Research Laboratory	Other	\$0.00
Customer	Air Force Research Laboratory	Total	\$-612,106.00
Proposal Value	1,813,501.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Gavin Payne		
Co-PI(s)			
Period of Performance	07-15-2019 -- 02-15-2022		
Proposal Date	05-17-2019		
Program Name	RFBR Program Support TO 33		
Statement	This purpose of Task Order 33 is to support the Air Force Space and Missile Systems Center's Remote Sensing Systems Directorate (SMC/RS) and their Space Situational Awareness Environmental Monitoring (SSAEM) Program. Utah State University/Space Dynamics Laboratory (USU/SDL) will perform in its capacity as a University Affiliated Research Center (UARC) for research, design, development, procurement, storage, fabrication, assembly, testing, shipping, logistics, deployment, and ongoing engineering support of the receivers, antennas, and software.		

Proposal # 10: New

Control Number	S08034000	Agency	\$10,000,000.00
Proposal ID	T00006027 Revision: 0	Cost Share	\$0.00
Contracting Agency	Air Force Research Laboratory	Other	\$0.00
Customer	Air Force Research Laboratory	Total	\$10,000,000.00
Proposal Value	10,000,000.00		
Research Center	USU Research Foundation		
Research Function	Sponsored Research-Applied		
Program Manager(s)	Lance Fife		
Co-PI(s)			
Period of Performance	07-01-2019 -- 08-16-2021		
Proposal Date	05-07-2019		
Program Name	Task Order 34 SC2T		
Statement	The purpose of Task Order 34 is to support Air Force Research Laboratory program Space Command (SC2T) program with research, development, and testing of BMC2 capabilities. The SC2T program develops full spectrum technologies to support BMC2, including development of mission applications and software integration environments.		

Agency Total	\$27,048,874.81
Cost Share Total	\$0.00
Other Total	\$0.00
Grand Total	\$27,048,874.81

* Only proposals from the listed filters are included in this report. If you believe that you should have access to information about additional departments, colleges, or research centers, please submit a support request on the Electronic-Office website or email Keith Paskett: Keith.Paskett@usu.edu.

NOTE: All campus awards received by USU during May 2019 were less than \$1 Million each.

Utah State University/Sponsored Programs Office - List of Proposals over \$1 Million: 05/01/2019 - 05/31/2019

Proposal Number	Sponsor Name	Prime Sponsor Name	Principal Investigators	Co-Investigators	Proposal Date	Title	Cost Total
191762	National Institute of Food and Agriculture	N\A	Jennifer Rose Reeve	Joseph Earl Creech, Kynda Curtis, Astrid Rosa Jacobson, Man-Keun Kim, Ryan A Larsen, Matt A Yost	5/2/19	From Compost Carryover to Compost Legacy: Intercropping and compost effects on yield, quality, and soil health in organic dryland wheat	\$ 1,999,849.58
192018	U.S. Department of Energy (DOE)	N\A	Bonnie Grace Waring	N\A	5/10/19	Microbial responses to variation in rainfall and nutrient availability in seasonal tropical forests: leveraging proteogenomic data to improve biogeochemical models	\$ 2,445,645.58
192132	U.S. National Science Foundation (NSF)	N\A	Geordon Haley Richards	Jacob Hans Gunther, Andreas Malmendier, Angela L Minichiello, Kevin Leonard Reeve	5/15/19	ECR PEER: MechOverflow: Transforming Engineering Education in Mechatronics for the Aerospace and Transportation Industries	\$ 1,609,946.22
192149	Transportation Research Board	National Academies of Sciences, Engineering, and Medicine	Michelle M Mekker	Paul J Barr, Douglas Edward Galarus, Patrick A Singleton, Ziqi Song	5/15/19	Data Integration, Sharing, and Management for Transportation Planning and Traffic Operations	\$ 1,350,000.00
192220	Kansas State Board of Education	N\A	John D Copenhaver	N\A	5/17/19	Kansas Technical Assistance Systems Network (TASN)	\$ 1,250,000.01
192240	National Institutes of Health (NIH)	N\A	Timothy Shahan	N\A	5/17/19	Drug-Associated Conditioned Reinforcement and Temporal Information	\$ 1,628,727.51
192286	U.S. Department of Energy (DOE)	N\A	Cheng Wei Tom Chang	Robert Nelson Schaeffer, Jon Y Takemoto, Bonnie Grace Waring	5/20/19	Illuminating Microbial Controls Over Bioenergetic Carbon Sources and Their Fate Through Quantum Dot Biosensing	\$ 2,039,111.03
192688	UT Department of Health	N\A	Susan E Thain Olsen	N\A	5/31/19	Up to 3 Baby Watch Early Intervention Program	\$ 1,294,934.00
							\$ 13,618,213.93

ITEM FOR INFORMATION

Re: Revisions to Policy 584 Protection of Human Participants in Research

The attached policy is submitted to the Board of Trustees for Utah State University as an information item. Prior to submitting the Policy revisions to the President's Executive Committee, the Policy received review and approval from the following bodies:

- The Utah State University Institutional Review Board
- The Utah State University IRB Advisory Council
- The Office of Research Integrity and Compliance
- Office of Research Executive Committee

Following review and approval by those entities, the Vice President for Research submitted the Policy to the Vice President for Business and Finance to begin the process outlined in USU Policy 203.2. The President's Executive Committee reviewed and approved the revised Policy in its May 22, 2019 meeting.

EXECUTIVE SUMMARY

The revisions to Policy 584 were prompted by new changes to the U.S. Department of Health and Human Services (and 15 other federal agencies) *Federal Policy for the Protection of Human Subjects*, which came into effect earlier this year. The revised regulations (found at 45 C.F.R. 46) represent substantial shifts in the requirements for review of research involving human subjects. Utah State University's Policies have been edited to reflect those substantial changes. In addition:

- Nine pages of the previous Policy, titled *Procedures*, were removed. Those procedures are better located in the IRB's Standard Operating Procedures, which are more flexible and permit more frequent changes to keep up with evolving best practices.
- Mandatory oversight of activities that the federal government does not require USU to review were removed from the Policy. Those activities include course-based activities, clinical quality improvement assessments, and program evaluation activities.
- Direct references to regulatory provisions or outdated guidance documents were removed from the Policy.

RECOMMENDATION

The President, Vice President for Business and Finance, and Vice President for Research submit the revisions to Policy 584, Protection of Human Participants in Research, to the Board of Trustees for review. No further action is necessary.



University Policy 584: Protection of Human Participants in Research

Category: 500, Operating Policies

Sub Category: Research and Sponsored Projects

Covered Individuals: USU Faculty, Staff, and Students Engaged with Human Subjects Research

Responsible Executive: Vice President for Research

Policy Custodian: Office of the Vice President for Research

Last Revised: 2019/05/22

Previous USU Policy Number: 584

584.1 PURPOSE AND SCOPE

Utah State University is committed to the protection of human participants in research. In accordance with the Federal Policy on the Protection of Human Subjects (45 C.F.R. 46) and Utah State University's Federal Wide Assurance, all research involving human participants must be conducted in a manner that prioritizes the rights and welfare of human subjects participating in research. All students, staff, faculty, units, and affiliates of Utah State University share in the responsibility for promoting the welfare of human research participants in research, primarily by adhering to the relevant laws, regulations, and professional and ethical standards governing the conduct of such research.

The Human Research Protection Program at Utah State University is comprised of three primary elements: the institution itself (including units, departments, and centers), the Institutional Review Board, and researchers.

584.2 POLICY

2.1 Applicability & Authority

This Policy applies to all research involving human subjects that is performed by or under the direction of USU faculty, staff, students, trainees, or other affiliates of USU or otherwise conducted under the auspices of USU. All human subjects research conducted under those conditions will be guided by the ethical principles contained in the Report of the National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research ("The Belmont Report"), and will be performed in compliance with all applicable federal and state laws. The Utah State University Human Research Protection Program exists to assist researchers and the institution in adhering to the legal and ethical codes governing human subjects research, and to assure the rights and welfare of human subjects participating in those projects.

The Institutional Review Board (IRB), one component of the Human Research Protection Program (HRPP), operates under Federal Wide Assurance #00003308, on file with the U.S. Department of Health and Human Services or relevant successor agency. It will, at all times, maintain the minimum membership requirements specified in the Common Rule. All human subjects research falling under this policy must first be submitted for approval or exemption by the Utah State University Institutional Review Board, or by a research ethics committee designated by the USU IRB. No human subjects research may begin until USU IRB approval, exemption, or reliance is finalized. The Institutional Review Board may approve, approve with modifications, disapprove, suspend, cede review to another IRB, or terminate any research involving human subjects, and it has the sole ability to approve human subjects research or designate the appropriate site for review. Other USU units or officials may disapprove human subjects research, but

human subjects research may not be approved to move forward or continue until IRB approval, exemption, or reliance is in place.

2.2 Approval or Exemption of Research

In its consideration of proposed research, the IRB shall ensure that minimum ethical standards regarding human subjects research are met before the research protocol ("protocol") is approved:

2.2.1 Respect for Persons

The circumstances of recruitment shall be disclosed, and will not be coercive, or present undue influence or inducement, in exchange for participation. When appropriate, participants will receive all relevant information about the study in advance and in a manner that is clear to them. Questions from prospective participants and participants shall be answered truthfully, and information cannot be withheld simply to enhance recruitment. Participants will be fully aware of their rights. Vulnerable and underrepresented populations will receive advanced consideration and protection.

2.2.2 Beneficence

Research will not expose participants to unreasonable risk of harm, including social, legal, economic, psychological, or physical harm. Risks will be minimized and benefits will be maximized. Any risks that can be avoided without undermining the legitimate scientific objectives of the research will be eliminated. Sound research design will be used to ensure the minimization of risk and maximization of benefits. Both the probability and magnitude of harm will be reasonable in relation to the anticipated direct or indirect benefits of participation in all research projects involving human subjects.

2.2.3 Justice

Selection of subjects will be equitable, with the overall goal of ensuring that the benefits and burdens of research participation are fairly distributed. Subjects should be selected based on the research questions, rather than ease of access or vulnerability. Subjects must not be unduly induced to participate in research, and no procedures should be used that undermine the completely voluntary nature of research participation. Enrollment into a study must never be the product of coercion or undue influence.

2.2.4 Qualified Investigators

Research must be performed or closely supervised by individuals who have the expertise, experience, and training to minimize risks and ensure, as much as possible, that no harm comes to human subjects in their research. The Principal Investigator maintains the primary responsibility for the conduct of the research, and must ensure that all study team members are appropriately trained in human subjects research protections, the relevant study procedures, and all applicable laws and regulations impacting the research.

2.2.5 Informed Consent

All participants will first be given the opportunity to receive complete information about the research and its risks, procedures, and benefits before freely giving their consent to participate. Participants or their legally authorized representatives should provide informed consent prior to participation; in cases where a participant cannot render legally effective informed consent, they should still be given a separate opportunity to assent to the research procedures. Coercion or undue influence must never be present in a participant's decision-making process. All information should be made available in a manner easily understood to the participants. Informed consent is an ongoing process, and investigators are responsible for ensuring comprehension and continued consent throughout the life of a research project. The IRB may waive some or all of these requirements when appropriate, and in accordance with its operating procedures and federal law.

2.3 Research Activities

Ongoing human subjects research activities should be carefully overseen by the Principal Investigator. The PI has ultimate responsibility for ensuring compliance of the research with all applicable ethical and legal standards. If, during the conduct of the research, activities occur which were not a part of the approved protocol, the Principal Investigator has responsibility for ensuring prompt reporting to the IRB. This might include deviations from approved procedures, unanticipated adverse events, increased risks, new alternatives to participation, mistakes on behalf of the research team, or unexpected incarceration, injury, or death of a participant.

All persons acting under the auspices of the HRPP have a responsibility to report reasonably suspected or known noncompliance to the IRB Chair or Institutional Official. The IRB Chair and Institutional Official each have the authority to suspend any human subjects research activity if they suspect that the risks to participants are greater than those reviewed and approved by the IRB.

2.4 Training, Education, & Quality Assurance

Utah State University requires that investigators, IRB members, and HRPP staff be competent in the legal and ethical standards governing human subjects research. HRPP staff will make training available to all persons operating under this Policy, and will maintain records of that training. Continuous education is critical to a successful HRPP. HRPP leadership should assess training needs periodically, and ensure that training on specific topics is provided as needed. It should also work with other institutional research leaders to review its own activities, resource levels, and areas of improvement. Seeking and maintaining external accreditation is encouraged as a manner of ensuring a well-functioning HRPP. USU Investigators, IRB members, research participants, and external sponsors are encouraged to bring forward concerns and suggestions regarding improvement of the HRPP.

2.5 Researcher Conflict of Interest

Per USU Policy 307, University employees may experience a conflict of interest when they owe a professional obligation to the University which is or can be compromised by outside interests or conflicts of commitment/allegiance. Any person involved in the design, conduct, or reporting of human subjects research with a conflict of interest must disclose this conflict and may not proceed with human subjects research until the conflict has been managed or eliminated in line with the university's policies and procedures for conflict of interest management.

No IRB member may review, request revisions in, approve, disapprove, grant exemption, or otherwise take action on any protocol with which they have a conflict of interest. Members of the IRB must not also have roles in which business interests or development feature prominently. Any conflicts of interest that arise during the IRB member's term of service must be immediately disclosed to the IRB Chair or Institutional Official.

2.6 Institutional Conflict of Interest

Identification of potential Institutional Conflicts of Interest, as defined below, shall trigger initiation of an ICOI assessment procedure managed by the Office of Research Integrity and Compliance. A potential institutional conflict of interest arises for sponsored projects in which there is an external, non-governmental sponsor or where an outside entity's product or service is used. If the assessment procedure indicates an institutional conflict of interest, the Institutional Conflict of Interest Committee shall meet to review the ICOI and adopt a management plan or identify existing internal controls that provide adequate management of the ICOI. The IRB has the final authority to accept, reject, modify, or specify methods of implementation of the management plan in the context of the proposed research.

584.3 RESPONSIBILITIES

3.1 Human Research Protection Program Leadership

Human Research Protection Program leaders (The Institutional Official, IRB Chair(s), and HRPP Director) and staff are responsible for the day-to-day enforcement and guidance regarding this Policy. They are responsible for being knowledgeable regarding requirements touching on human subjects research protections, and supporting the research community in prioritizing the protection of human subjects in research.

3.2 The Institutional Review Board

The Institutional Review Board is the body charged with the ethics review and disposition of human subjects research. Its primary focus must always be the protection of human participants who may become involved with the research it reviews. The Board must avoid conflicts of interest, undue influence from external pressures, or prioritization of any consideration unrelated to protection of human participants in research. It is comprised of members with scientific expertise, regulatory expertise, and individuals with non-scientific interests. The IRB delegates certain approval and exemption functions to the HRPP staff for more efficient review and approval of human subjects research, but only the convened

IRB can disapprove of human subjects research. No research with human subjects may proceed absent IRB approval or exemption.

3.3 Investigators and Researchers

Investigators, Principal Investigators, and researchers are responsible for compliance with this policy, including: the submission of all human subjects research to the Institutional Review Board in advance of beginning the research; ensuring adherence to approved protocols and best practices; reporting deviations and problems regarding human subjects research to the IRB in a timely manner; and maintaining appropriate training and expertise surrounding the safe and responsible conduct of research involving human subjects.

584.4 REFERENCES

The following laws, regulations, and ethical treatises are hereby incorporated into this policy by reference:

- 45 C.F.R. 46 – Federal Policy for the Protection of Human Subjects (“The Common Rule”)
- 42 U.S.C. ch. 6A – National Research Act
- 21 C.F.R. 50, 56 – Food and Drug Administration Policy for the Protection of Human Subjects
- The 21st Century Cures Act, Pub. L. No. 114-255 (2016)
- *Belmont Report: Ethical Principles and Guidelines for the Protection of Human Subjects in Research* (“The Belmont Report”), National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research, 1976.
- *World Medical Association Declaration of Helsinki: Ethical Principles for Medical Research Involving Human Subjects*, as amended October 2000.

Key personnel in the Human Research Protection Program at USU should be familiar with these legal and ethical standards and conduct their work in compliance with their provisions.

584.5 RELATED USU POLICIES

- 307: Conflict of Interest
- 583: Research

584.6 DEFINITIONS

- **Conflict of Interest:** A conflict of interest exists when a University employee owes a professional obligation to the University, which is or can be compromised by the pursuit of outside interests.
- **Human Subject:** A living individual about whom an investigator or other USU affiliate (whether professional or student) conducting research: (i) obtains information or biospecimens through intervention or interaction with the individual, and uses, studies, or analyzes the information or biospecimens; or (ii) Obtains, uses, studies, analyzes, or generates identifiable private information or identifiable biospecimens. Human subjects are often referred to as “participants.”
- **Human Research Protection Program:** The Human Research Protection Program (“HRPP”) is the institutional-level framework for the protection of the rights and welfare of human research participants involved in USU’s research activities. It encompasses the organizational structure for the oversight of human subjects research, the Institutional Review Board, and all researchers (faculty, student, and otherwise) and their staff.
- **Institutional Conflict of Interest:** An institutional conflict of interest exists whenever the financial interests or holdings of the institution or the personal financial interests or holding of institutional leaders might affect or reasonably appear to affect the design, conduct, reporting, review or oversight of human subjects research.
- **Institutional Leaders:** Those with direct authority over the allocation of institutional resources, including, but not limited to: President, Provost, Vice Provost, Vice Presidents and Associate Vice Presidents, Deans, Department Heads, Center Directors; including those holding positions in an interim capacity who are able to directly influence salaries, appointments, resource allocation or oversight of human participant research, including chairs and directors of the Institutional Review Board, Conflict of Interest Committee, and other committees designated by the Director of Research

Integrity and Compliance (DRIC). Members of the USU Board of Trustees are governed by a separate conflict of interest policy and are not governed by this policy.

- **Institutional Review Board:** An Institutional Review Board (“IRB”) is a body established under the requirements of 45 C.F.R. 46 to, first and foremost, protect the rights and welfare of human participants in research. It accomplishes this by reviewing or appropriately delegating the review of each research protocol to ensure the protection of the participants involved. The IRB is an independent entity that must operate without influence from other units within Utah State University, especially those with business interests. The IRB has the sole authority to approve human subjects research conducted by Utah State University affiliates. IRBs are required to have (as a part of its regular membership) or gain (by the addition of members or use of consultants) scientific expertise in the areas of research it is responsible for reviewing.
- **Investigator:** An individual involved in the performance of human subjects research activities who performs one or more of the following: (i) obtaining information about or biospecimens from living individuals by intervening or interacting with them for research purposes; (ii) obtaining identifiable biospecimens or private, identifiable information about a living individual for research purposes; (iii) obtaining the voluntary informed consent of individuals participating in research; (iv) studying, interpreting, or analyzing identifiable biospecimens or identifiable, private information for research purposes; or (v) communicating with the IRB or other institutional review entity regarding the performance of the research project. An investigator’s primary concern must be the protection of the rights and welfare of human subjects in all research activities.
- **Principal Investigator:** In addition to the above, an investigator whose training, expertise, qualifications, and role with the institution demonstrates that they are able to take full responsibility for research involving human subjects. The Principal Investigator (“PI”) must be a benefited employee of the institution whose job functions allow them to ensure the presence of appropriate resources for the safe and effective conduct of human subjects research, have an oversight role over others carrying out responsibilities for the research, and be knowledgeable about the professional and ethical codes of conduct which should govern the research. Students may not serve as a Principal Investigator on human subjects research projects. In general, adjunct professors, instructors, and others whose job functions do not meet the aforementioned requirements may not serve as Principal Investigators absent additional Institutional Leadership approvals.
- **Research:** A systematic investigation (including research development, testing, and evaluation) designed to develop or contribute to generalizable knowledge.

Information below is not included as part of the contents of the official Policy. It is provided only as a convenience for readers/users and may be changed at any time by persons authorized by the President, subject to review by the USU Policy Committee.

RESOURCES

Procedures

- Utah State University Institutional Review Board Standard Operating Procedures

Related Forms and Tools

- Kual Research - Protocols

POLICY HISTORY

Original issue date: 2009/04/07

Last review date: 2019/05/22

Previous revision dates: 2016/03/04

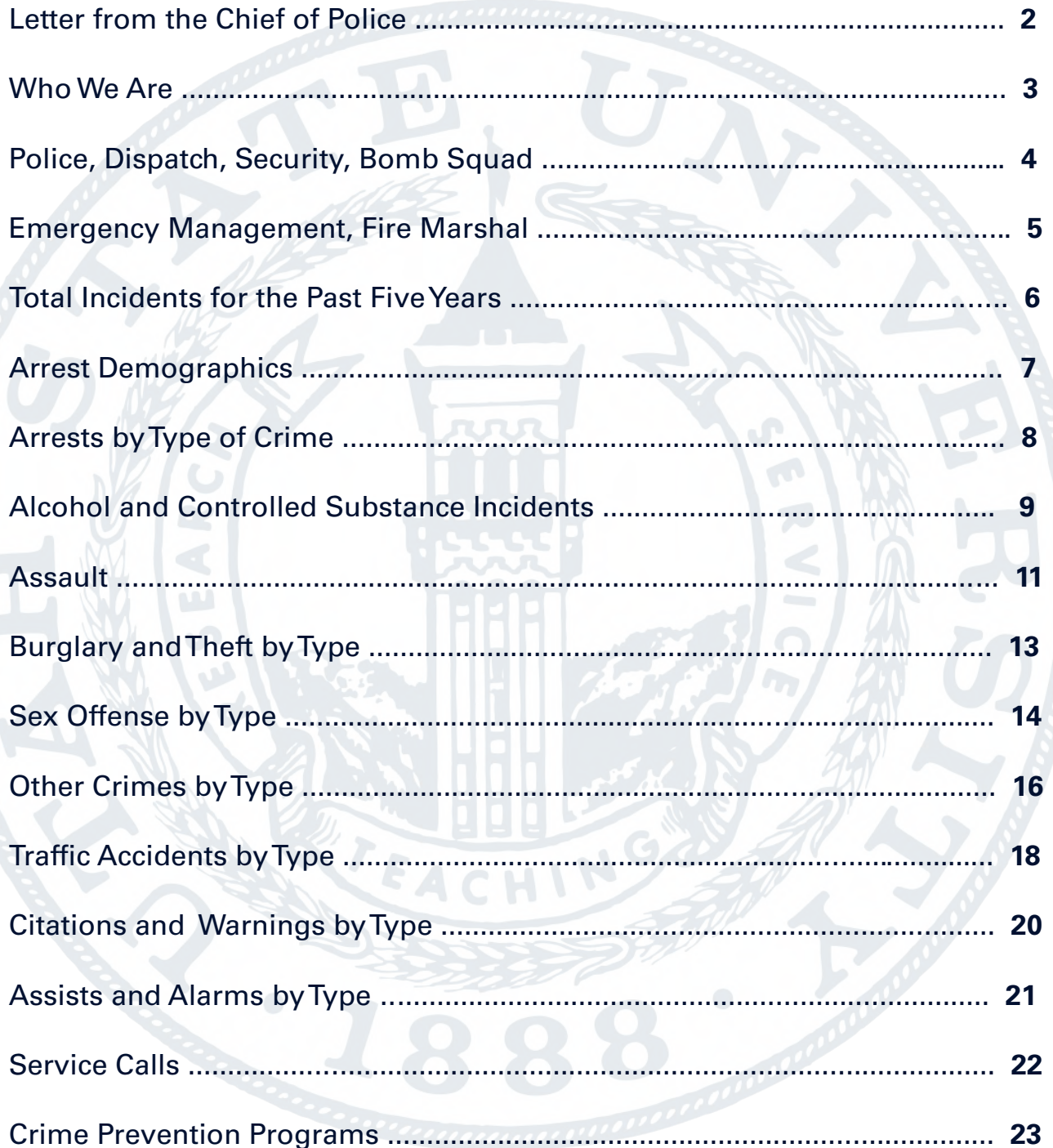


DEPARTMENT OF **PUBLIC SAFETY**

2018 Annual Report



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UtahStateUniversity
PUBLIC SAFETY

To the Campus Community,

On behalf of the dedicated members of the Utah State University Department of Public Safety, I am pleased to present our 2018 Annual Report.

Our 2018 Annual Report is designed to keep the campus community informed of the services available from Utah State's Public Safety Department and to educate our community of crimes and issues on campus. The mission of the University Department of Public Safety is to protect life and property and to provide the campus community with a peaceful and safe environment for the furtherance of academic and individual development.

We recognize that we are a service organization, entrusted to maintain order and enforce laws in our community. Along with this responsibility, we strive to maintain open channels of communications with students, faculty, staff and those who visit the USU campus.

Our relationship with campus community partners and the surrounding agencies we interact with has never been stronger. The members of USU Public Safety are committed to ensuring that our university continues to be a desirable and safe place in which to learn, live, work, and visit. We truly appreciate the strong support we receive from our campus community.

I encourage everyone to increase their level of involvement with us and to be our partners in policing. Whether that involvement means reporting crime, having keen eyes and ears as a good witness, or being supportive in other areas, your efforts will assist our officers in doing the best job they can.

I also encourage you to contact us if you have questions or concerns with campus safety or visit our website at dps.usu.edu for more information.

I hope you find this Annual Report informative and indicative of our commitment to ensuring the best and safest campus possible.

Sincerely,

Kent Harris

Interim Director of Public Safety



University Police Department
5800 Old Main Hill
Logan, UT 84322
435-797-1939
FAX: 435-797-3756



University Fire Marshal's Office
5800 Old Main Hill
Logan, UT 84322
435-797-1979
FAX: 435-797-3756



Emergency Management
5800 Old Main Hill
Logan, UT 84322
435-797-0807
FAX: 435-797-3756

WHO WE ARE...

The Utah State University Department of Public Safety was organized in 1981 for the safety and protection of the people and property associated with the University. Thirty-seven years later the department has grown to better serve the 20,000 plus students, faculty, and staff at USU.

The USU Police Department has compiled this annual report in an effort to help faculty, staff, and students better understand crime and its impact on the campus community. While studying the information, keep in mind that no crime statistics are completely accurate simply because not all crimes are reported. The reasons for not reporting crimes are many and vary with each crime, community, and victim. Use caution when comparing Utah State University crime statistics with those of other universities as there may be differences in reporting.

Other factors that should be considered when making comparisons are:

- Density and size of the community population.
- Climate, including seasonal weather conditions.
- Effective strength of law enforcement agencies.
- Attitudes of the public towards crime reporting.
- Administrative and investigative efficiency of the local law.
- Cooperation of adjoining and overlapping police agencies.
- Crimes cleared in the following year.

The USU Department of Public Safety includes 5 divisions: Police, Dispatch, Security, Emergency Management, and Fire Marshal.



POLICE

The Police Division is made up of 13 state-certified full-time police officers and six reserve officers. USU police officers handle criminal cases within the jurisdiction of Utah State University. Officers also provide free information and services such as personal escorts, key retrieval from locked cars, and jump-starts among others.

The USU Police Department is actively involved in community service and in teaching safety and crime prevention to the campus community. For more information on the programs we offer, please visit our website at dps.usu.edu.

DISPATCH

The Dispatch Division is made up of one full-time dispatcher and six part-time student dispatchers. The division operates 24-hours a day, 365 days a year. Dispatchers handle all communication and dispatching of officers and also monitor burglary and fire alarms in buildings on and off campus. The dispatch center services an emergency 911 number and several emergency phones located on campus.

SECURITY

The Security Division is made up of five part-time student employees whose primary responsibility is to make sure each area, room, and building on campus is properly locked and secured along with lights being turned off and windows being closed. These officers have no police powers and report all suspicious activity to police officers who handle all investigations.

BOMB SQUAD

The Bomb Squad is one of the specialty units within the USU Police Department that has some of the most modern safety equipment available, including a state-of-the-art robot (remote mobile weapons platform for disposing of hazardous devices). In addition to responding to calls throughout Cache County and surrounding areas, the squad provides displays and discussions at schools and community gatherings. For more information please call Captain Kent Harris at 435-797-1939.

EMERGENCY MANAGEMENT

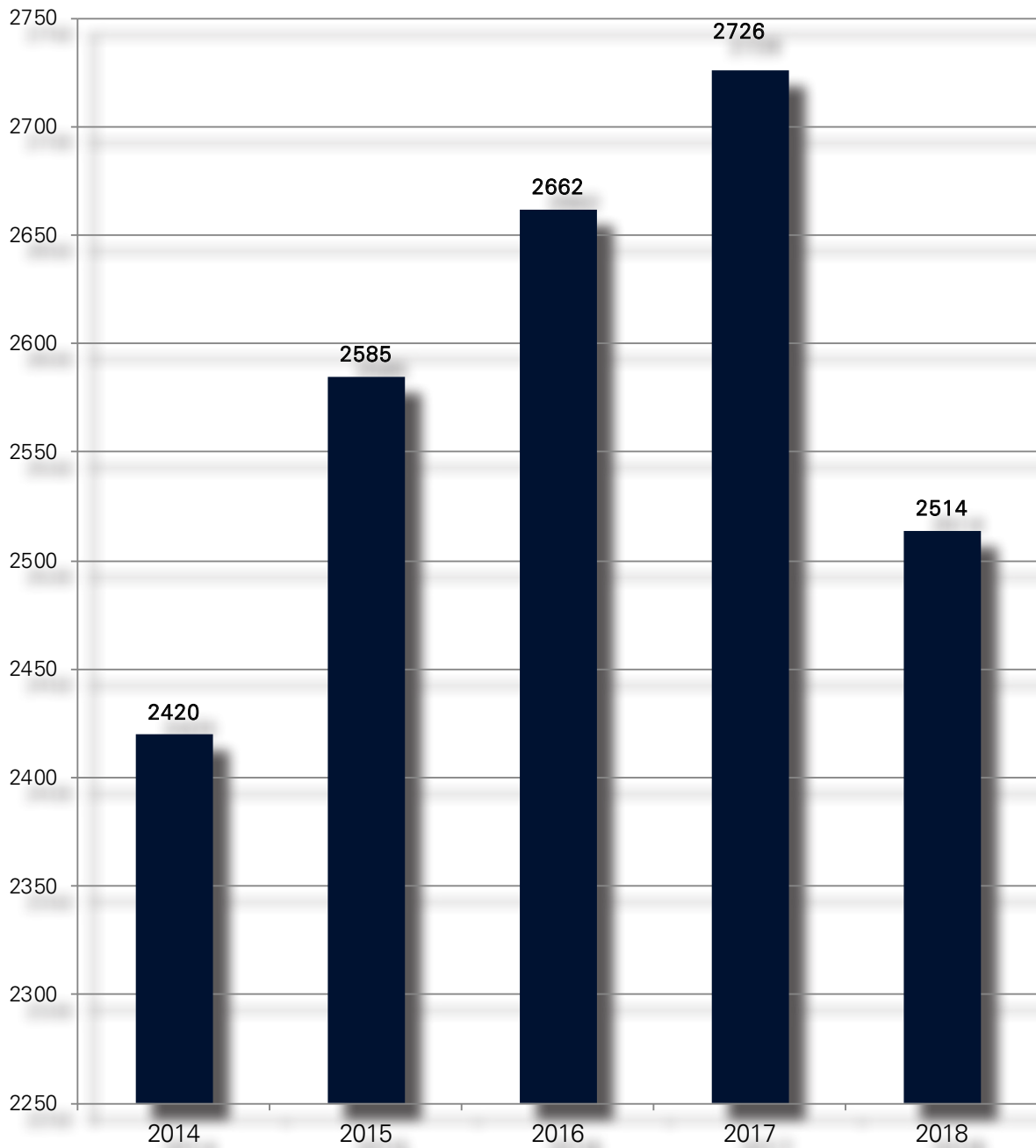
The Emergency Management Division was developed to better prepare the campus for any major disasters and to ensure that the University is compliant with National Incident Management System (NIMS) standards. The division has two areas of responsibility: the Comprehensive Emergency Response Plan and the Community Emergency Response Team (CERT). USU currently has more than 200 employees and students trained in disaster preparedness, disaster fire suppression, disaster medical operations, light search and rescue, disaster psychology, and team organization through the CERT program. This program is available to any individual in the campus community. For those interested in the CERT program, or to obtain a copy of the Emergency Response Plan, contact the USU Police Department at 435-797-1939.

FIRE MARSHAL

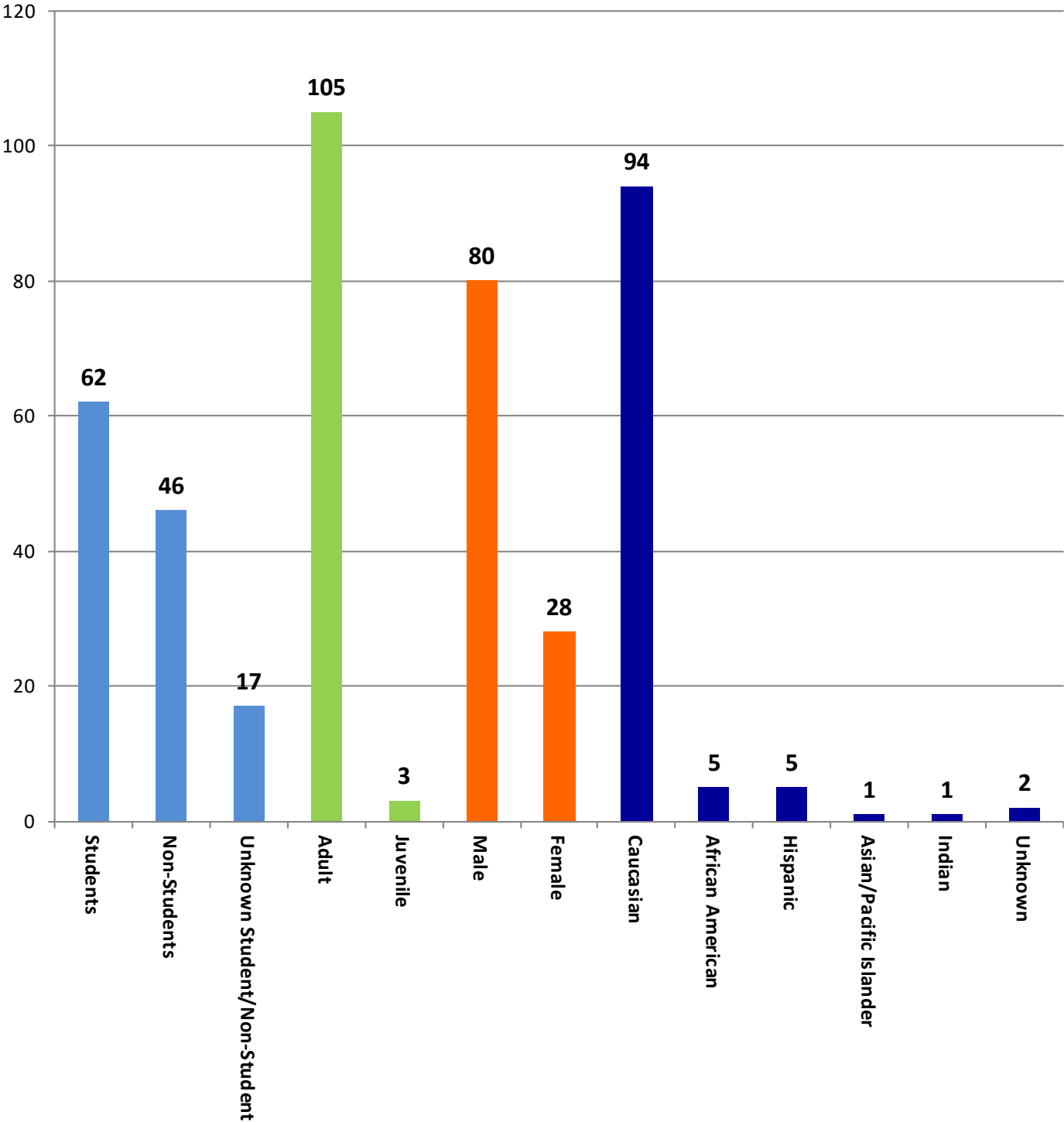
The Fire Marshal Division is made up of three full-time fire marshals whose primary responsibility is to monitor, maintain, and evaluate the fire protection services and systems on campus. They also ensure that the University meets and complies with all regulations and state fire codes and make regular reports to the State of Utah Fire Marshal, University Risk Manager, and offending departments. They perform regular inspections of all campus facilities to detect any possible fire hazards in an effort to protect life and reduce the loss of University equipment and property. The inspections conducted by the Fire Marshal's Office also reduce the insurance exposure of the University.



TOTAL INCIDENTS FOR THE PAST FIVE YEARS



ARREST DEMOGRAPHICS



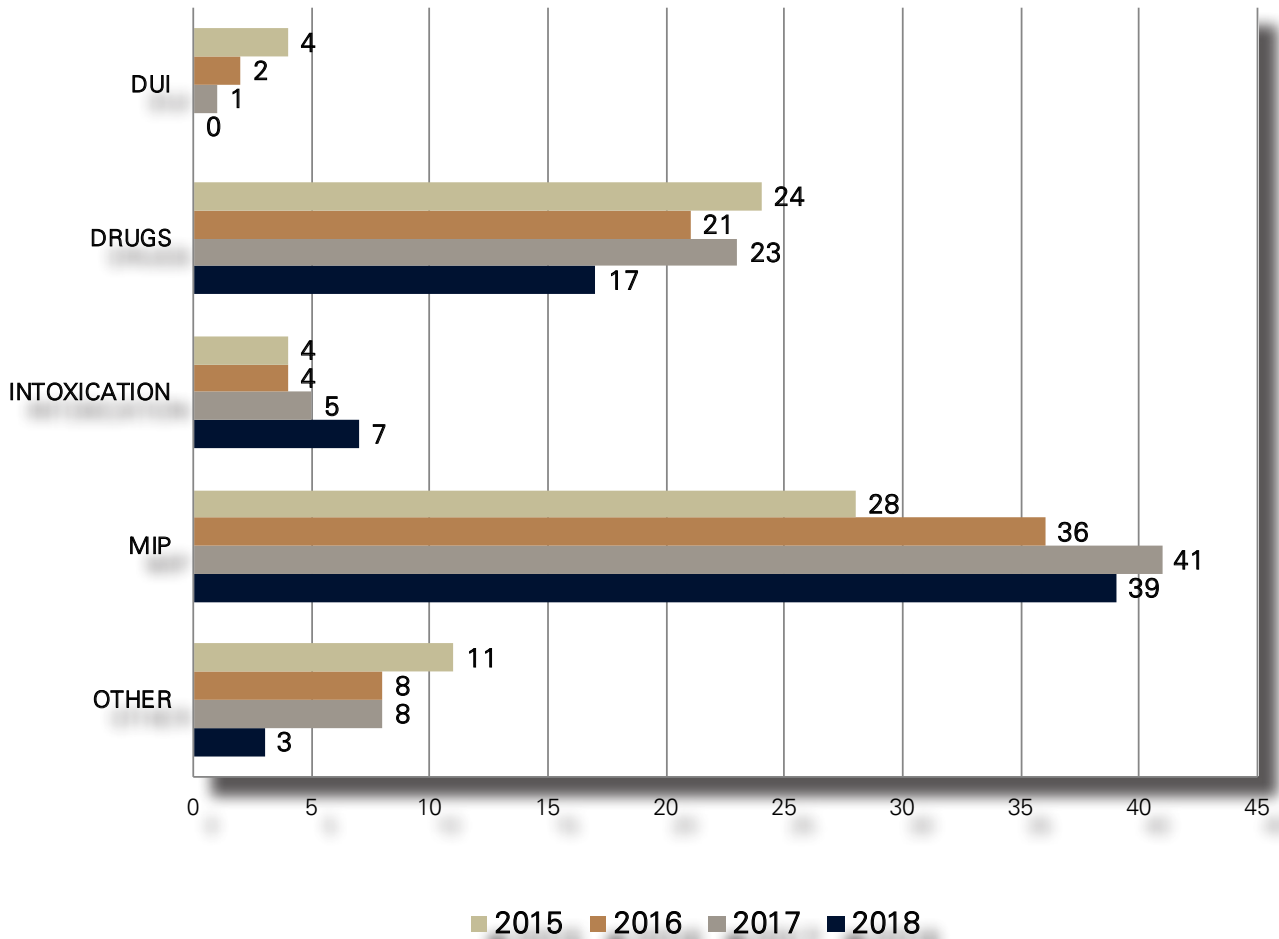
ARRESTS BY TYPE OF CRIME

Classification	Number of Arrests
TRESPASSING	7
HARASSMENT	0
INTOXICATION	6
LIQUOR LAW	41
ORDINANCE VIOLATION	15
CRIMINAL MISCHIEF	6
OTHER SEX OFFENSE	1
THEFT	5
ASSAULT	2
ROBBERY	1
STALKING	0
AUTO BURGLARY	1
CONTROLLED SUBSTANCE	22
FTA/WARRANT	16
RAPE	1
FRAUD	0
DUI	0
TOBACCO PROBLEM	3
DISORDERLY CONDUCT	1
TOTAL	102

NOTE – The difference between the number of persons arrested and the arrests by type of crime is due to the fact that some individuals may have been charged with more than one crime at the time of arrest.



ALCOHOL AND CONTROLLED SUBSTANCE INCIDENTS



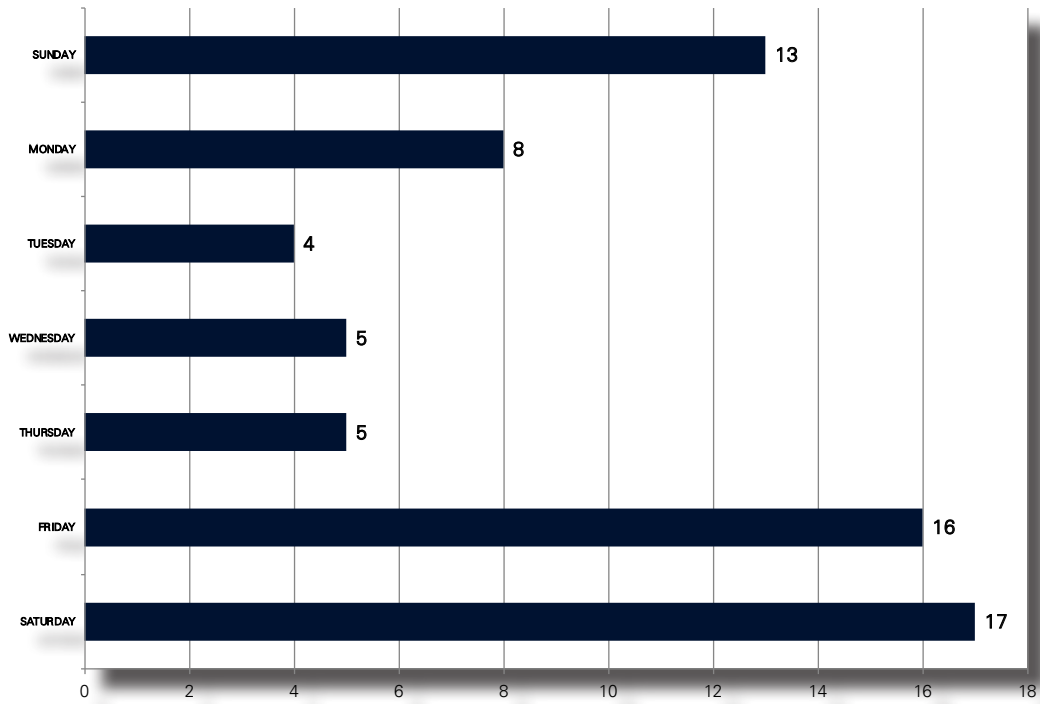
TOTAL OFFENSES IN 2018	68
TOTAL OFFENSES IN 2017	78
TOTAL OFFENSES IN 2016	71
TOTAL OFFENSES IN 2015	71

DUI: Driving Under the Influence

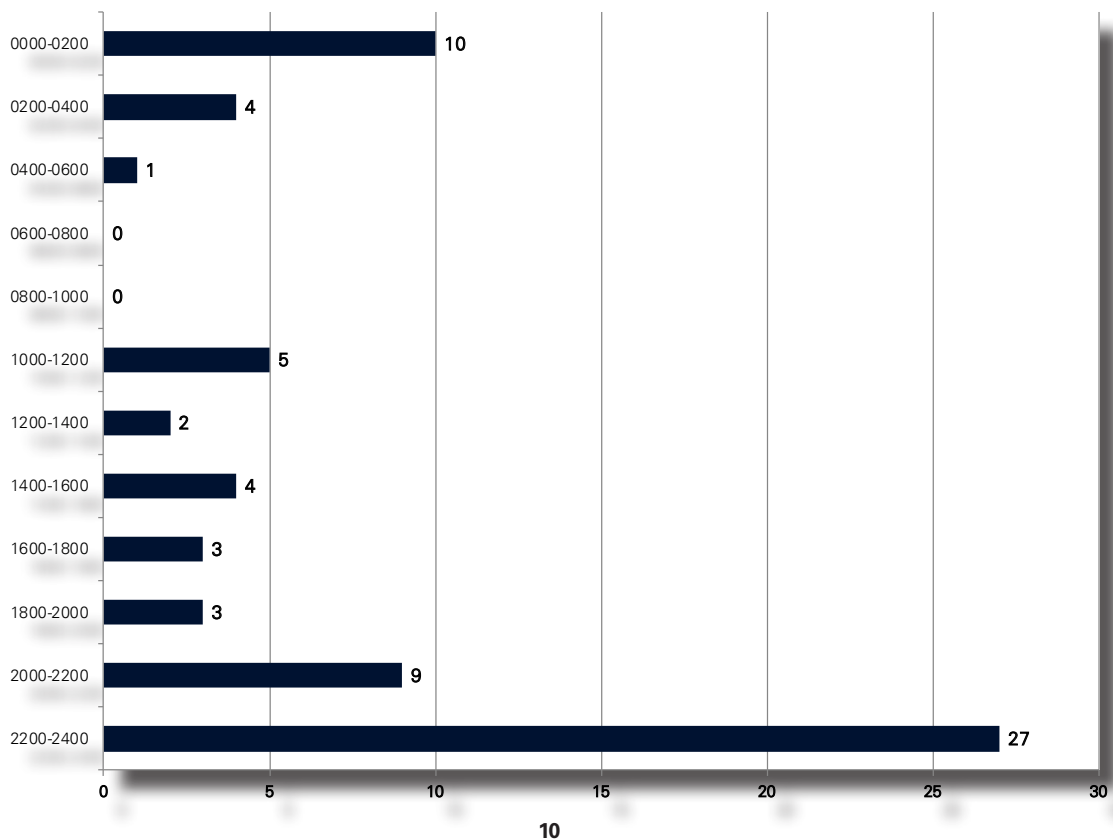
MIP: Minor in Possession

Other: Unlawful Consumption, Violation of University Regulations, Open Container, Supplying to Minors

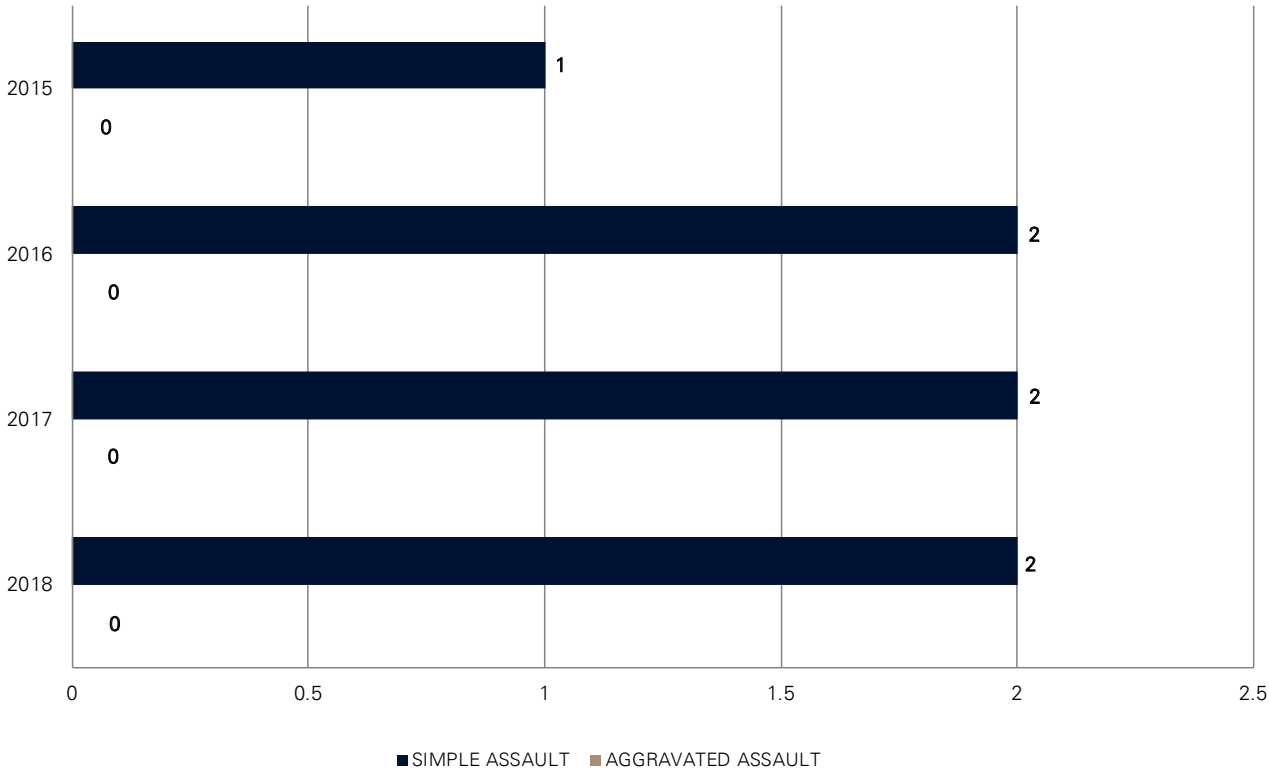
ALCOHOL AND DRUG INCIDENTS PER DAY OF THE WEEK



ALCOHOL AND DRUG INCIDENTS PER HOUR OF THE DAY

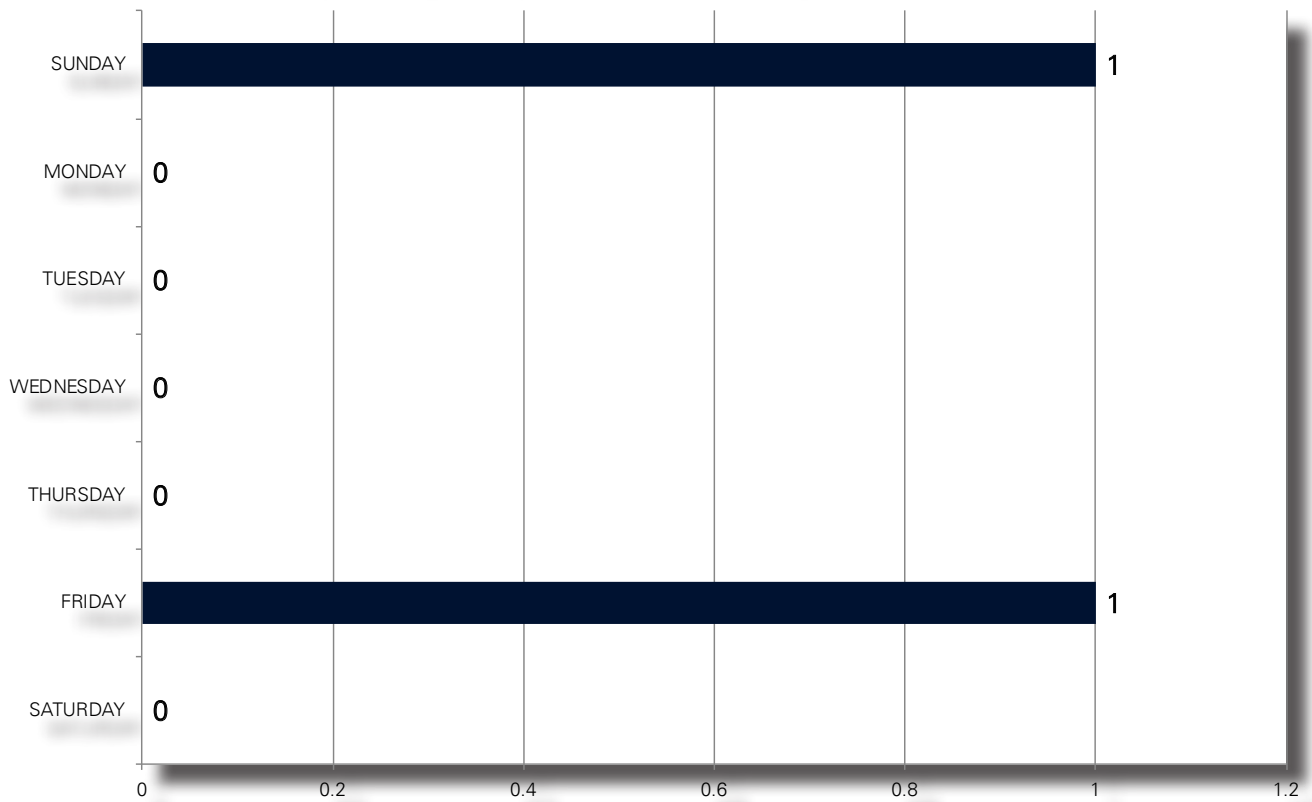


ASSAULT

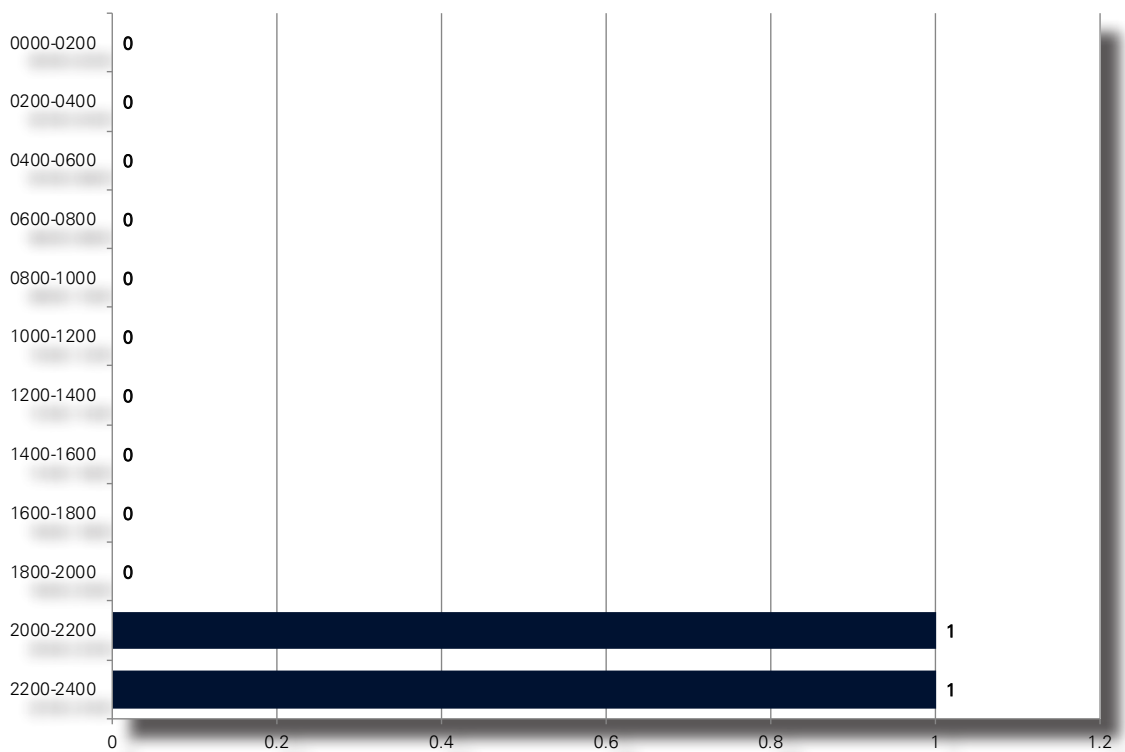


TOTAL ASSAULTS IN 2018	2
TOTAL ASSAULTS IN 2017	2
TOTAL ASSAULTS IN 2016	2
TOTAL ASSAULTS IN 2015	1

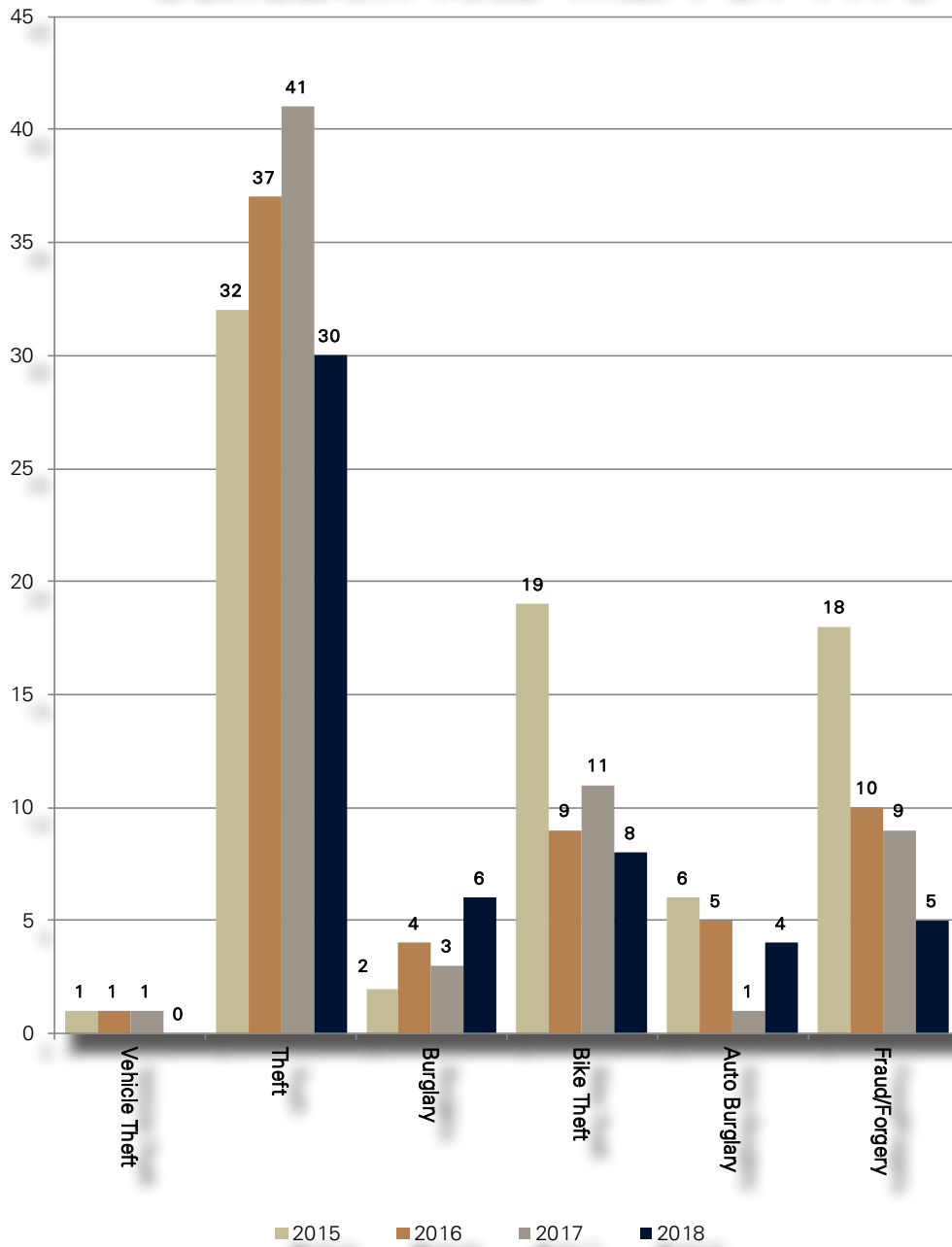
ASSAULTS PER DAY OF THE WEEK



ASSAULTS PER HOUR OF THE DAY



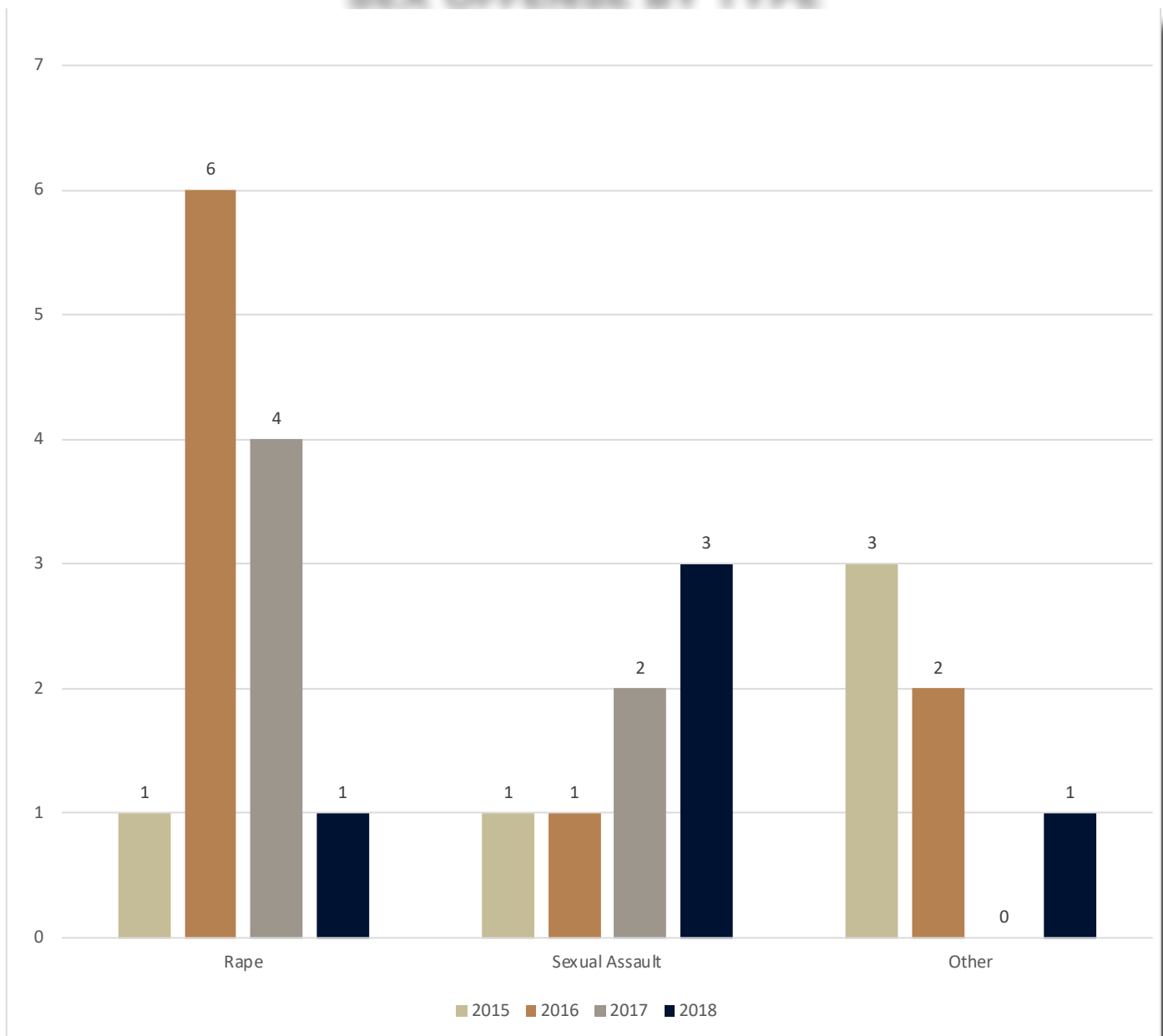
BURGLARY AND THEFT BY TYPE



TOTAL OFFENSES IN 2018	54
TOTAL OFFENSES IN 2017	66
TOTAL OFFENSES IN 2016	66
TOTAL OFFENSES IN 2015	78

TOTAL STOLEN PROPERTY IN 2018	\$9,529.22
TOTAL RECOVERED PROPERTY IN 2018	\$5,633.17

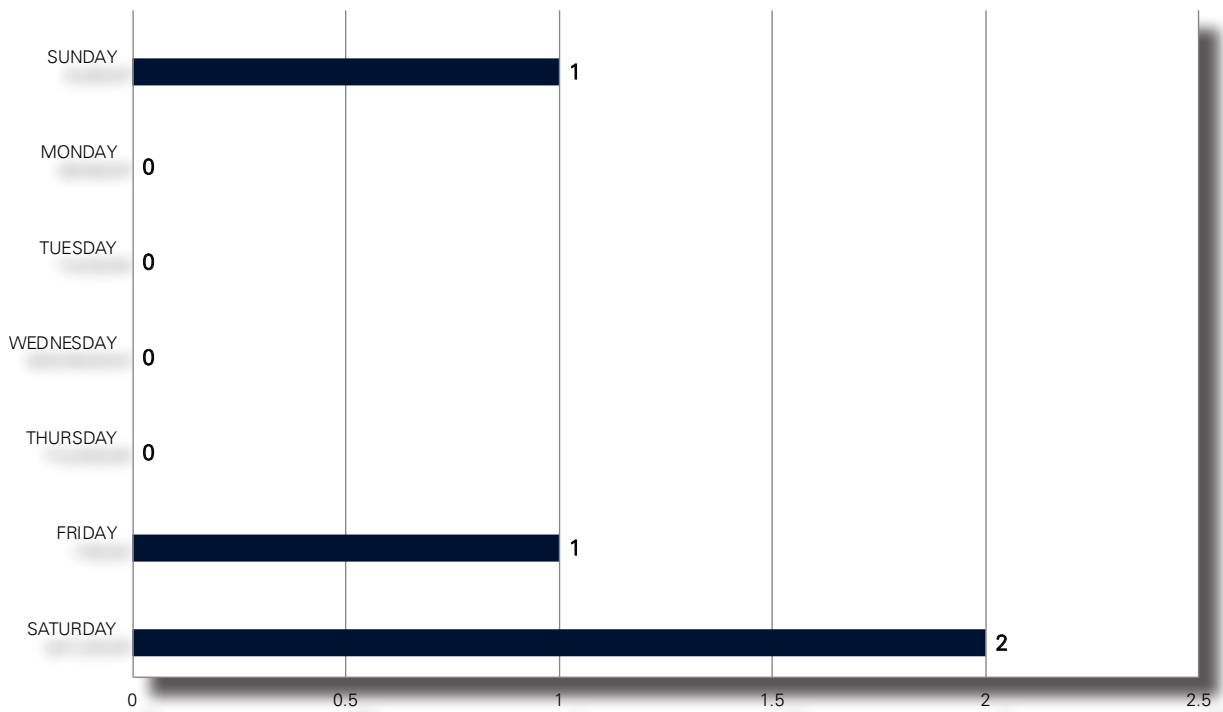
SEX OFFENSE BY TYPE



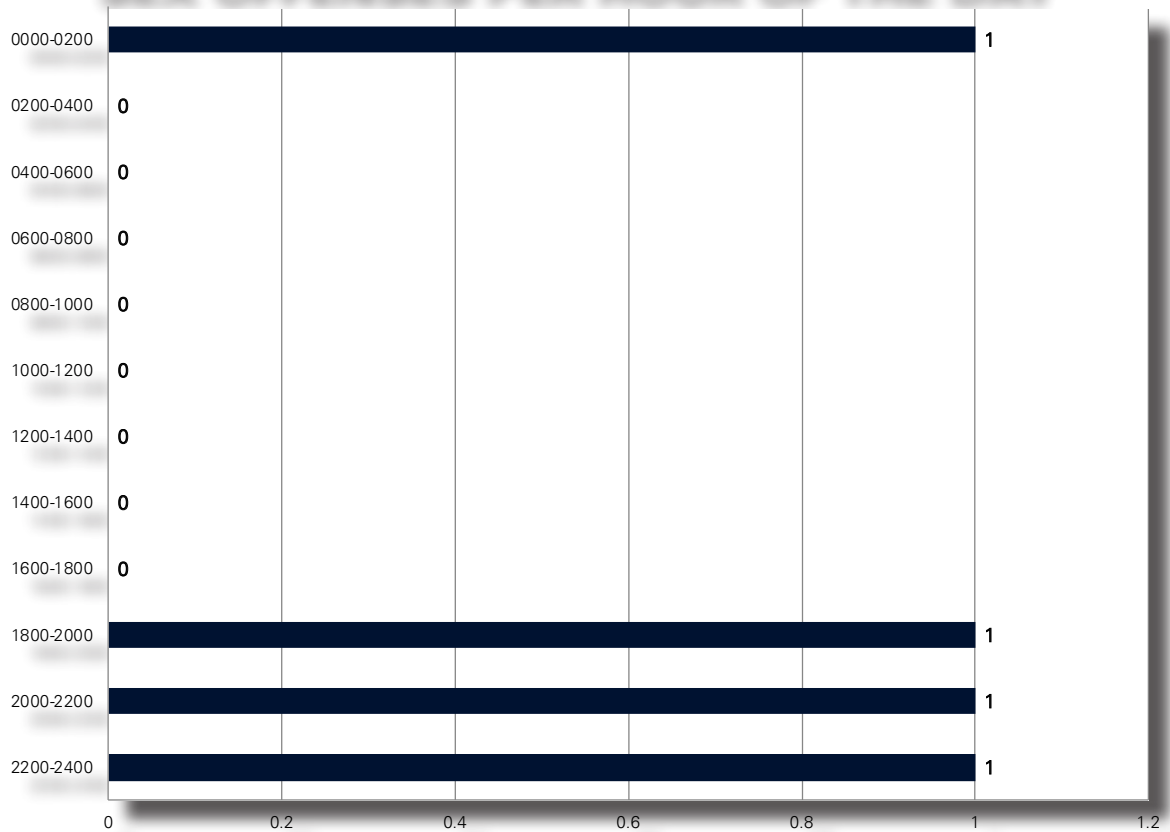
TOTAL OFFENSES IN 2018*	4
TOTAL OFFENSES IN 2017	7
TOTAL OFFENSES IN 2016	9
TOTAL OFFENSES IN 2015	5

* One sexual assault occurred in 2017 but was reported in 2018

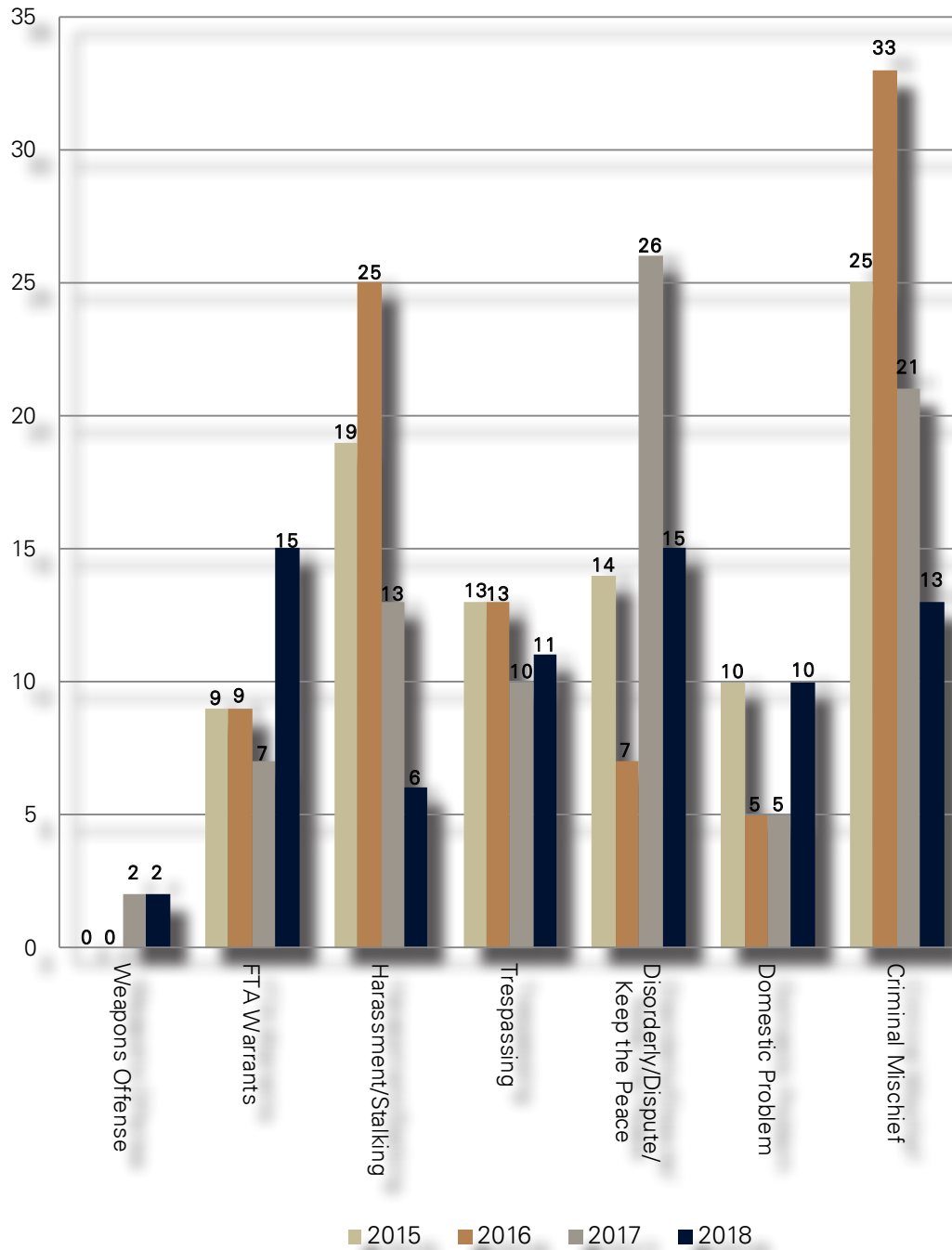
SEX OFFENSES PER DAY OF THE WEEK



SEX OFFENSES PER HOUR OF THE DAY

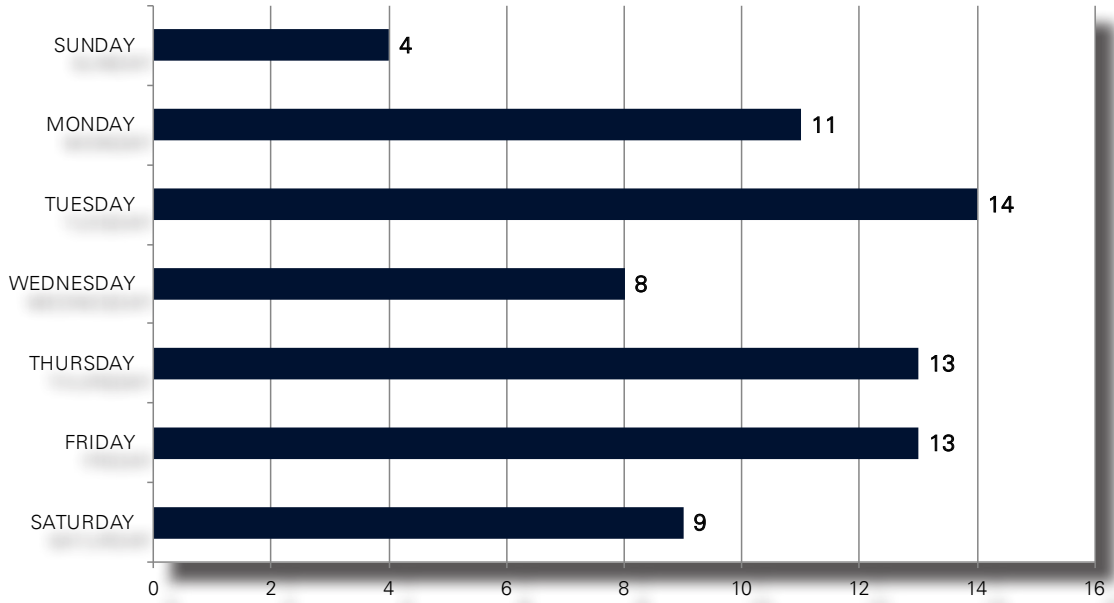


OTHER CRIMES BY TYPE

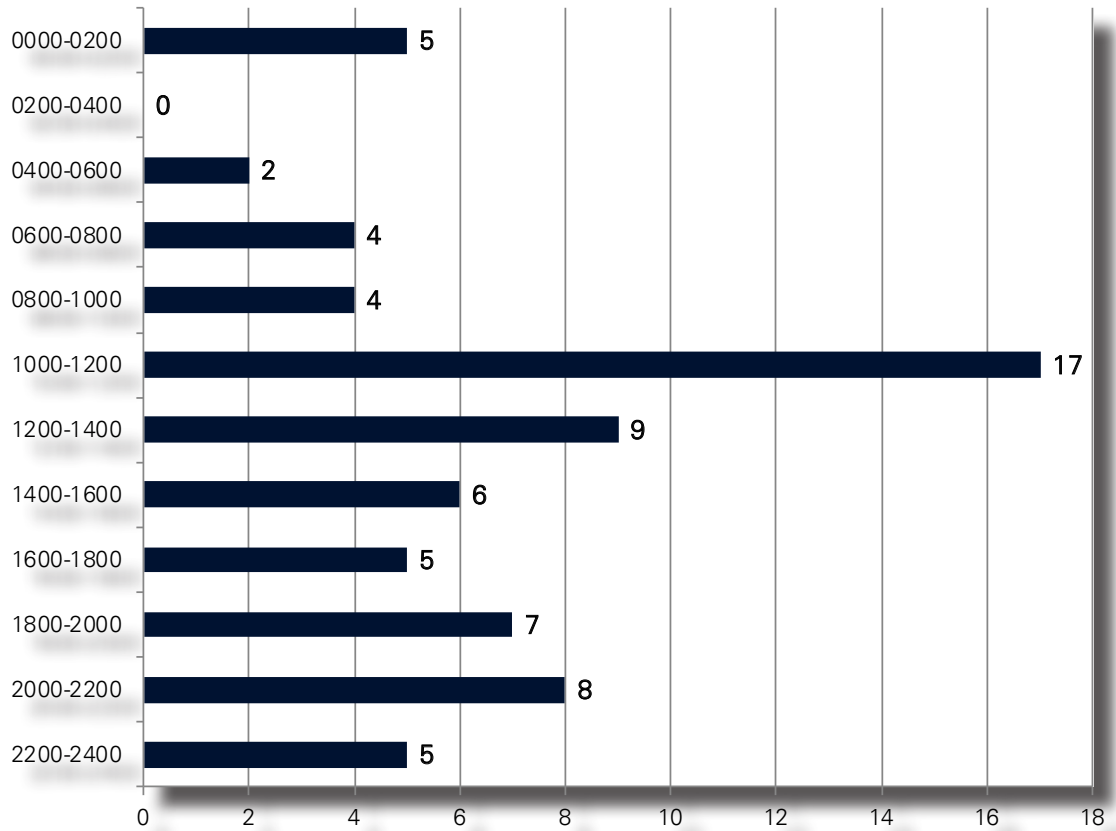


OTHER CRIMES FOR 2018	72
OTHER CRIMES FOR 2017	84
OTHER CRIMES FOR 2016	92
OTHER CRIMES FOR 2015	90

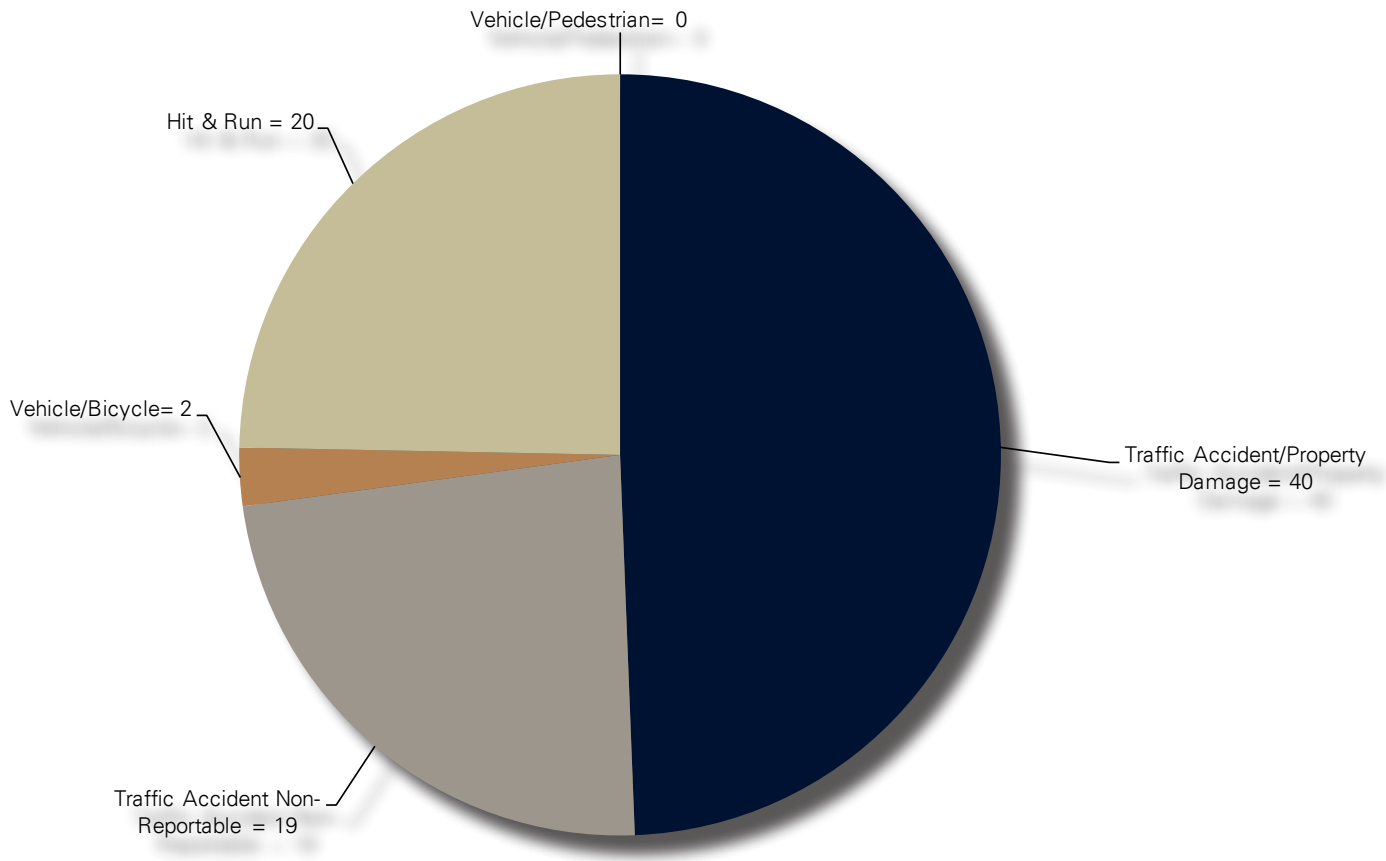
OTHER CRIMES PER DAY OF THE WEEK



OTHER CRIMES PER HOUR OF THE DAY

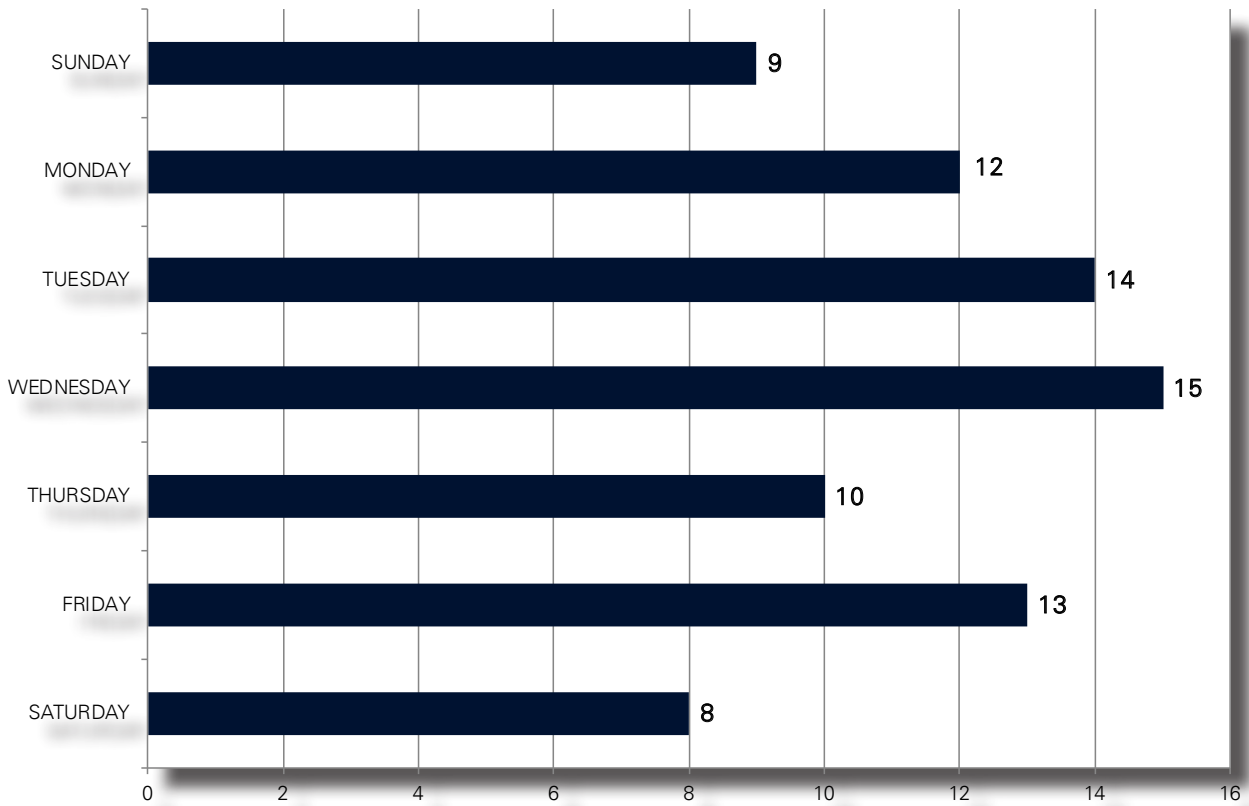


TRAFFIC ACCIDENTS BY TYPE

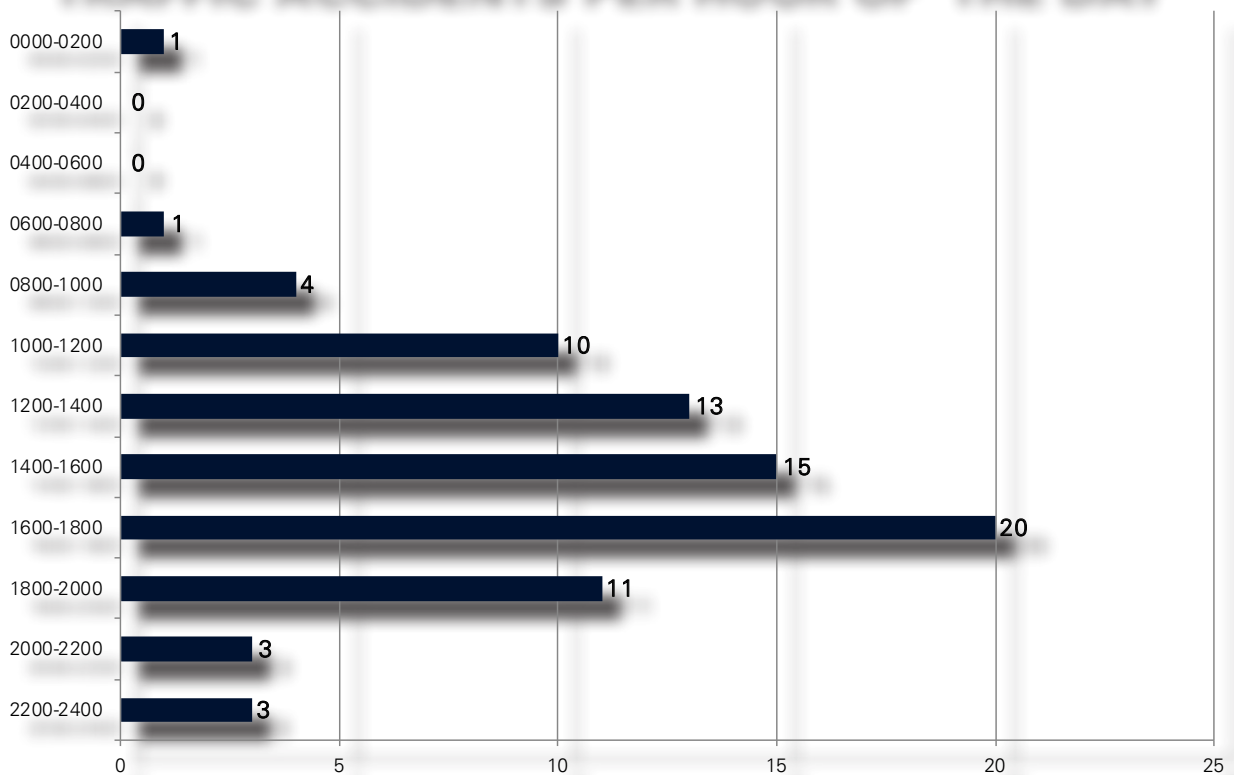


TOTAL ACCIDENTS FOR 2018	81
TOTAL ACCIDENTS FOR 2017	114
TOTAL ACCIDENTS FOR 2016	120
TOTAL ACCIDENTS FOR 2015	97

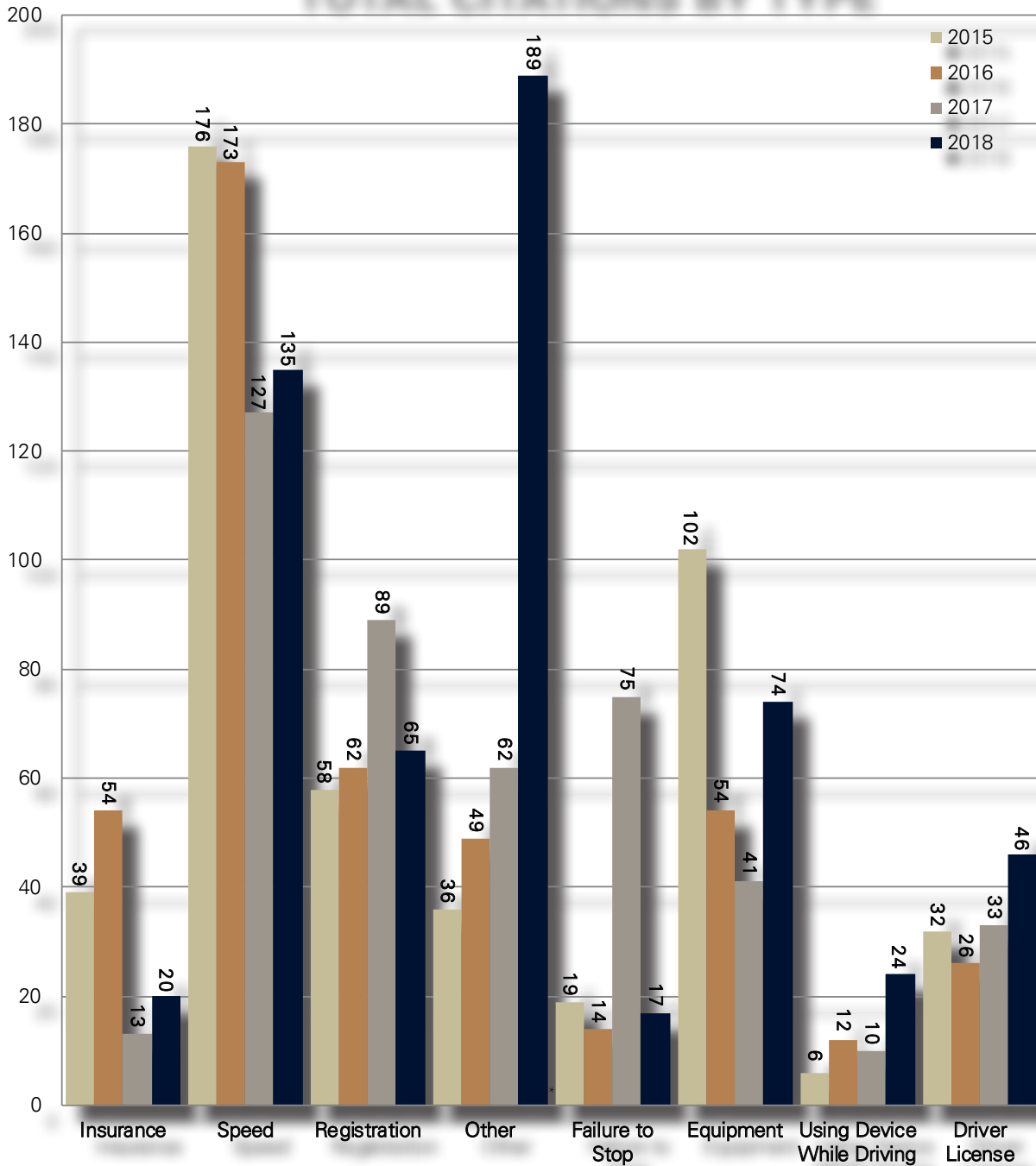
TRAFFIC ACCIDENTS PER DAY OF THE WEEK



TRAFFIC ACCIDENTS PER HOUR OF THE DAY



TOTAL CITATIONS BY TYPE



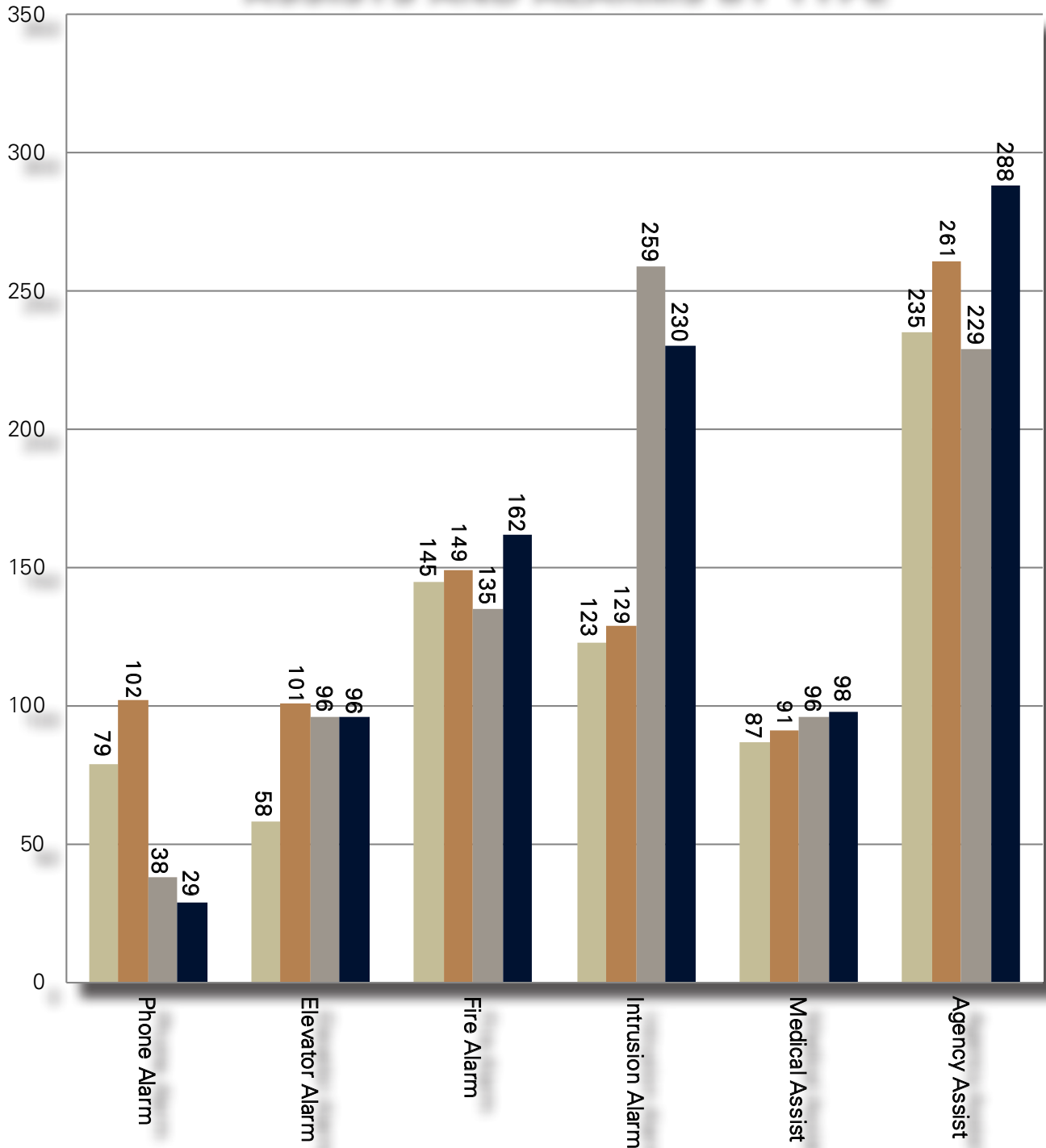
TOTAL CITATIONS FOR 2018	570
TOTAL CITATIONS FOR 2017	450
TOTAL CITATIONS FOR 2016	444
TOTAL CITATIONS FOR 2015	468

TOTAL WARNINGS FOR 2018	1124
TOTAL WARNINGS FOR 2017	1985
TOTAL WARNINGS FOR 2016	1250
TOTAL WARNINGS FOR 2015	1308

*Wrong Way, Failure to Report Accident, Improper Look-out, Driving Left of Center, Seatbelt Violation, Failure to Yield Right of Way, Improper Turn

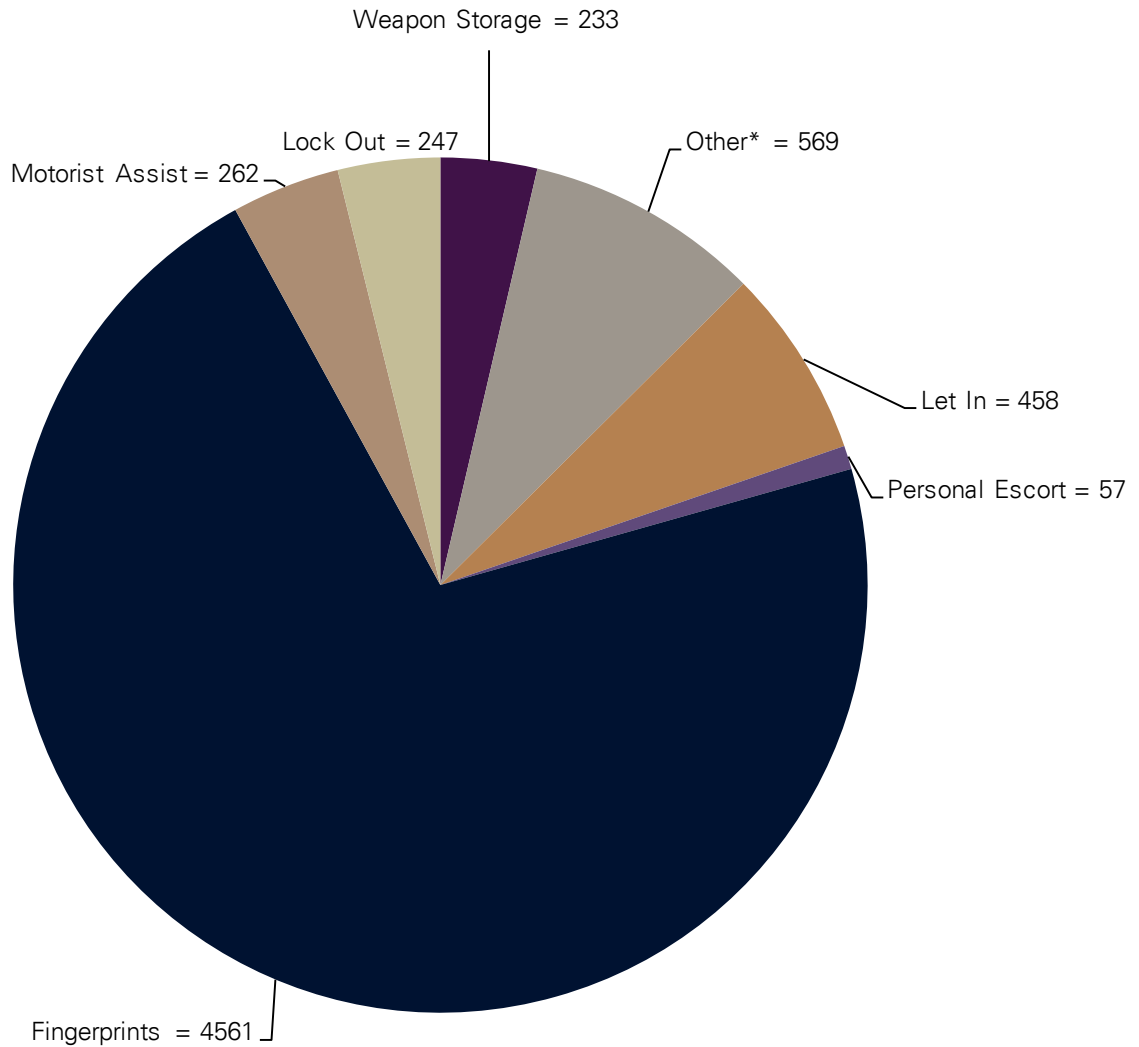
Note: The difference in total citation numbers versus total numbers is a reflection of some citations containing multiple violations.

ASSISTS AND ALARMS BY TYPE



TOTAL ALARMS FOR 2018	903
TOTAL ALARMS FOR 2017	853
TOTAL ALARMS FOR 2016	833
TOTAL ALARMS FOR 2015	727

SERVICE CALLS



TOTAL SERVICE CALLS FOR 2018	6387
TOTAL SERVICE CALLS FOR 2017	6377
TOTAL SERVICE CALLS FOR 2016	7255
TOTAL SERVICE CALLS FOR 2015	6005

*Shuttles, Traffic Control, VIN Inspections, Legal Notices, Fix-it Tickets, Money Escort, Equipment Checks, Welfare Checks, Community Policing, Public Service, Drug Box Disposal, and Work Orders

CRIME PREVENTION PROGRAMS

Class	Number of Classes	Number of Participants
SOAR—PARENTS	18	1447
CONNECTIONS	13	458
WORKPLACE VIOLENCE	32	721
INTERNATIONAL STUDENTS	1	100
ALCOHOL AWARENESS	5	310
YOUTH SAFETY	9	202
POLICE BOOTHS	15	1695
PUBLIC EDUCATION	27	N/A
SCOUTS	2	25
RAPE AGGRESSION DEFENSE CLASSES	8	138
RAPE AGGRESSION DEFENSE PRESENTATION	3	34
CERT CLASSES	3	43
CERT REFRESHERS	3	41
EMERGENCY MANAGEMENT	11	N/A
EMERGENCY EXERCISES	4	N/A
FIRE EXTINGUISHER TRAINING	20	323
FIRE DRILLS	59	N/A
FIRE FIGHTER BUILDING TRAINING	9	N/A
TOTAL PROGRAMS	242	5537

The Utah State University Police Department also participated in the Summer Citizens Health Fair, USU A-Day, USU Wellness Fair, Week of Welcome Booth, Red Zone Booth, SOAR and Connections Booths, and Emergency Preparedness Fairs.

To obtain extra copies of statistical reports, please contact the USU Police Department at 435-797-1939, or visit our online statistical report at <http://www.dps.usu.edu>.

Utah State University is an affirmative action/equal opportunity institution.

On December 12, 2018, Utah State University Police Officer Andy Barnes passed away after a valiant struggle with cancer. Andy was an important and vibrant part of our university's public safety department. At the time of his death, Andy was also a full-time student at the university and was set to graduate in May of 2019. He was posthumously awarded a bachelor's degree in technology systems along with minors in human resource management, leadership and management, and landscape architecture.

Andy was a devoted and loyal friend, student, and employee at the university and demonstrated great courage as he continued working his regular rotating shifts throughout the months of his illness. We will never forget Andy or the spirit, strength, and determination that he brought to our department.



"The term is over: the holidays have begun.
The dream is ended: this is the morning."

C.S. Lewis

28 June 2019

Events, Actions, or Issues since the Last Trustee's Meeting

College of Science Dean Maura Hagan was elected to the National Academy of Sciences (NAS), one of the world's premier academic institutions that provides science advice to the U.S. federal government and other national and international policy-making organizations. The first USU scientist to receive this honor, Hagan's research focuses on downward penetration of space weather effects in the Earth's atmosphere, as well as the impact of meteorological weather on the near-Earth space environment.

USU's Student Local Section of the American Industrial Hygiene Association was named 2018-19 Student Local Section of the Year at an awards ceremony held May 22, 2019, during the organization's annual conference and exposition in Minneapolis. The Aggies competed with undergraduate and graduate industrial hygiene groups from throughout the nation for the award, which includes a \$1,000 cash award to the chapter. USU's industrial hygiene program is one of only four ABET-accredited undergraduate degree programs in the nation.

The Nora Eccles Harrison Museum of Art (NEHMA) has a busy slate of education and community outreach events this summer. Programs range from weekly Tai Chi, live music events, a monthly Community Art Day at the Museum, and guided sculpture walks on USU's Logan campus. Also, NEHMA's Mobile Art Truck will be visiting rural communities around the state to provide educational programs as well as monthly visits to the Kaysville and Cache County Gardner's Markets.

The University Honors Program is pleased to announce that Honors students Bryce Frederickson (major in Mathematics and a minor in Computer Science) and Ethan Hammer (majors in Conservation and Restoration Ecology and Ecology and Wildlife, with a minor in Statistics), have been named 2019 Goldwater Scholars in a prestigious national competition recognizing outstanding achievements in science and mathematics. Honors coordinates USU's process for nominating up to four undergraduates, who then compete for two-year scholarships of up to \$7,500/year. In an effort to match USU's outstanding Goldwater success rate—double that of most institutions—the University Honors Program is taking a strategic two-year approach to recruiting and advising for all national fellowships. That work begins this summer with intensive research on best practices for fellowship advising. Supported by a USU Staff Employee Association Scholarship, program coordinator Andy Leidolf will participate in the National Association of Fellowship Advisors Annual Meeting and Workshop in Minneapolis this July.

Merrill-Cazier Library has partnered with the USU Access and Diversity Center to create a family-friendly study area and a private lactation room in an effort to create a welcoming and inclusive space for students, staff, faculty, and the community. Initial requests came from student parents who have asked for safe study areas to bring their young children and for comfortable lactation spaces in the library. These new spaces will greatly benefit our non-traditional students as well as faculty, staff, or community members who need these services. Both areas will open fall semester on the main floor of the Merrill-Cazier Library.

The Salt Lake City chapter of the American Institute of Graphic Arts (AIGA), the leading national institution for design, annually recognizes the top designs created in Utah at the AIGA 100 Show Gala. Along with 70 professional design projects, 30 student projects are recognized. Of these 30 projects, three are awarded the AIGA Copper Ingot, the top recognition of design in the state. The other 27 projects receive AIGA merit awards for being selected as part of the exhibition. This year USU Art and Design students Annie Hall, Jessica Olson, and Devin Matthews won all three Copper Ingot awards. Additionally, USU students won 18 Merit awards for a total of 21 of the 30 student awards. In the last two years, USU has won five out of the six Copper Ingot awards. Associate Professor Mike Daines also won an AIGA Copper Ingot award in the professional category for his Hasimoto poster designs, and two of the projects he designed for the College of Education received AIGA merit awards. One of these was the *Wayfinding Project*, which he collaborated on with Professor Darrin Brooks.

The Bachelor of Science in Nursing (BSN) program in the Emma Eccles Jones College of Education and Human Services has been granted accreditation by the Accreditation Commission for Education in Nursing (ACEN). ACEN accreditation is the result of an intense process that includes a self-study method in which the nursing program critically examines its structure and substance, judges the program's overall effectiveness relative to its goals and learning domains, and identifies specific strengths and deficiencies. Dr. Carole Grady, USU's nursing program director, said, "We are proud and excited that our BSN Program has been awarded initial accreditation, which assures students and the public that a nursing program meets standards of excellence and quality in nursing education."

In May 2019, it was announced that alumnus Jacqueline J. Peña was awarded the 2018 Ecological Society of American (ESA) E. Lucy Braun award. This recognition was for her master's research poster presentation at the ESA annual meeting. Jacqueline completed her master's research with Peter Adler from the Department of Wildland Resources in the S.J. and Jessie E. Quinney College of Natural Resources and Zachary Gompert from the Department of Biology. The title of her poster, "Plant evolutionary response to climate change: Detecting adaptation across experimental and natural precipitation gradients," received one of the highest student honors that is offered by ESA.

Transportation Engineering PhD student Yi He won the 2019 Utah Institute of Transportation Engineers student paper competition. She was also one of four recipients awarded a \$1,000 scholarship from the Northern Utah Women's Transportation Seminar. The Women's Transportation Seminar's goal is to help advance more women into the field of transportation engineering. Yi's research focuses on the economic analysis of en route fast charging for battery electric bus systems, and her findings can serve as a reference for cities looking into electric bus systems.

In May, USU Uintah Basin campus in Vernal hosted a week-long conference centered on climate-smart food systems, which brought together a group of archaeologists and ecologists from around the world to look at population and climate shifts in the past to determine a path through an uncertain climate future sure to bring food insecurity. The conference was sponsored by People 3000—an initiative founded by USU archaeologist and assistant professor Jacob Freeman in 2016 under the auspices of Past Global Changes (PAGES), an international union of scientists designed to focus, not so much on research but on implementing solutions. This year's conference organizer was Judson Finley, USU associate professor of Archaeology.

Academic & Instructional Services (AIS)
USU Board of Trustees Activities Summary
June 28, 2019

New Articulation Reminders Reduce Course Evaluation Turnaround Time

The Registrar's Office implemented a plan to send weekly reminders to each department's primary articulation contact, along with follow-up reminders to a secondary contact if overdue. As a result, more courses were evaluated in just under half the time. In the end of 2017, 5,962 courses were sent out for evaluation and completed in 9 days. Under the new reminder schedule, 6,231 courses were sent out and completed in just 5 days.

Registrar's Office

Thirty Students Awarded Retention Scholarships in 2019 Spring Semester

Thirty students were awarded retention scholarships thanks to generous donations from the Perkins and Watkins families, as well as from USU trademarking. To be considered for a retention scholarship, students must be nominated by advisors or other personnel. In total, \$44,250 was awarded between the recipients.

Office of Student Retention & Completion

International Students Get Full USU and Logan Experience

During spring's International Orientation, incoming students had the opportunity to get a firsthand look of USU and Cache Valley. For one day, 40 new international students went on a tour of campus, discovered the benefits that come with being an Aggie, and were taken off campus in groups to see what Logan has to offer.

Office of Student Orientation & Transition Services

New Tutorials Give Students Step-By-Step Guide for Leave of Absence and Deferment

To better assist students who need to request a Leave of Absence or Deferral, or who are returning from one, a new set of tutorials have been created to help students through each process. Students can download a checklist that lays out what they need to complete, and then refer to the tutorials for a smaller breakdown of each checklist item.

Office of Student Orientation & Transition Services

More Than 1,000 High School Students Registered for USU Leadership Conference

When the Office of Admissions opened registration for this year's Utah State University Leadership Conference (USULC), 36 schools signed up within the first hour. Last year, around 800 students attended, and there are already more than 1,000 students slated to attend this year. To accommodate the increased attendance, USULC is being offered in two separate sessions.

Office of Admissions

USU Annual Calling Blitz Reaches Over 11,000 Admitted Students

More than 11,000 admitted students were called and emailed by current Utah State University (USU) students to congratulate them on their admission and answer questions. The 188 USU students were made up of USU Ambassadors, A-Team members, and ambassadors of individual colleges.

Office of Admissions, Student Orientation & Transition Services

More than 850 Students and Parents Attend A Day

A total of 437 admitted students and 418 parents attended A Day at Utah State University's (USU) main campus in Logan. A Day is an opportunity for admitted students and their parents to live the Aggie experience for a day and see what USU has to offer.

Office of Admissions

Gear Up Partners with Center for Student Analytics to Tap into New Student Insights

In fall 2018, Erik Dickamore, a student researcher for the Center for Student Analytics, started working with Utah State University (USU) STARS Gear Up to produce insights into how the program is helping students.

Center for Student Analytics

Student Orientation & Transition Services Wins Regional Award

Utah State University's Student Orientation & Transition Services office took home the Innovative Program Award at the Association for Orientation, Transition, and Retention regional conference. SOTS won for their creation and implementation of system-wide orientation modules for incoming students.

Student Orientation & Transition Services

More than 120 Attend Third Annual Teaching for Learning Conference

Hosted by Utah State University's (USU) Center for Innovative Design & Instruction (CIDI), the two-day Teaching for Learning Conference had 126 attendees from 17 institutions. Dr. Gail Rice, director of faculty development at Loma Linda University, offered the keynote presentation based on her book "Hitting Pause."

Center for Innovative Design & Instruction

More Than 100 Faculty Attend 2nd Annual Regional Campus Faculty Workshop

Utah State University (USU) Regional Campuses held its 2nd annual Regional Campus Faculty Workshop, featuring two days of keynotes, breakout sessions, networking, and the opportunity to address issues relevant to them. USU Eastern hosted the event with Executive Vice President and Provost Frank Galey kicking off the conference with a keynote speech.

Center for Innovative Design & Instruction

Amazon Alexa Being Rolled Out Throughout USU

Amazon Alexa has been installed in 11 classrooms at Utah State University in Logan. In 2017, Teaching & Learning Technologies (TLT) built voice experiences, or skills, allowing a blind instructor to control the classroom technology with a series of commands. This proof of concept was successful and is now being installed in more rooms by TLT and the Classroom team.

Teaching & Learning Technologies, Classroom

USU Migrates from Panopto to Kaltura

To simplify the university's instructional video tools, the Center for Innovative Design & Instruction (CIDI) officially transitioned to Kaltura on May 1. Along with providing classroom lecture recording, Kaltura provides a series of important benefits to faculty and students.

Center for Innovative Design & Instruction

Registration Hotline Workers Answer Questions through the Night

To support new students through the registration process, Student Orientation & Transition Services (SOTS) provided a "Registration Hotline" as a resource to get quick answers to questions. This is the fifth time SOTS has offered this hotline to incoming students. A-Team members were available to answer phone calls and respond to emails April 8 through April 12.

Student Orientation & Transition Services

More Than 150 Attend USU Summer Analytics Academy

For the first time, Utah State University's (USU) Center for Student Analytics opened enrollment to outside institutions for the Summer Analytics Academy. Faculty, staff, and administration attended the two-day event from 19 different organizations nationwide.

Center for Student Analytics

The Center for Student Analytics Receives NASPA Award for Excellence in Innovation

The Center for Student Analytics was recently recognized for excellence in evaluation by NASPA, the professional association for student affairs administrators in higher education. As part of the NASPA Assessment Knowledge Community, the Center will receive an Innovation Award at an upcoming awards ceremony.

The Center for Innovative Design & Instruction

Students in 28 States Graduate from USU Online

Through long road trips and flights, many Utah State University Online graduates traveled to Utah for commencement with their friends and family. This year's cohort encompasses 28 states, including New York, Texas, Wisconsin, and Oregon, and one out of the country in Canada.

USU Online

USU Online to Launch 11 New Degrees, One Certificate, and One Licensure for Fall 2019

Available this fall, USU Online will offer the following degrees, certificates, and licensures 100% online:

- Associate in Agricultural Science
- Bachelor of Communicative Disorders & Deaf Education: ASL Interpreting track
- Bachelor of Technology Systems: Product Development
- Master of Agricultural Extension & Education
- Master of Educational Technology & Learning Sciences
- Master of Family & Consumer Science Education & Extension
- Master of Food Safety & Quality
- Master of Physical & Sport Education
- Master of Public Health: Health Education and Promotion
- Master of Public Health: Public Health Nutrition
- Master of Public Health: Veterinary Public Health
- Interfaith Leadership Certificate
- Special Education: Practical Teacher Training Licensure

USU Online

In Total, 6,763 Students Graduated in the 2018-19 Academic Year

From associate to doctorate degrees, 6,763 Utah State University students graduated during the most recent academic year. The Registrar's Office processed every graduate application and mailed them their official diplomas. The 2018-19 count is the highest ever recorded at Utah State University, up 285 students from 2017-18 and 370 from the 2016-17. Of the 6,763 degrees, 4,537 were awarded bachelor's degrees in 2018-19.

Registrar's Office

25 USU Faculty Attend E-Learning Workshop

Twenty-five faculty recently attended the three-day E-learning Workshop hosted by Utah State University's (USU) Center for Innovative Design & Instruction (CIDI). The workshop provided teaching tools and methodologies to faculty to help them more effectively teach students using technology for online, broadcast, blended and flipped classroom instruction.

Center for Innovative Design & Instruction

University Advancement

USU BOARD OF TRUSTEES REPORT | JUNE 28, 2019



[HOUSTON, MAY 2019] Aggies gather before the Astros game to share stories and a meal. Following dinner, the group formally organized the newest Aggie Alumni Chapter. Members enjoyed Houston Astros victory from a stadium suite courtesy of local alumni and donors Brian and Lilly Coffman (pictured middle row, very center in blue and white).

USU Elevated Through Philanthropy & Engagement

Since the May 1 Board of Trustees Report, USU has raised \$3.76M. Major gifts of note include a \$150k from Brian and Lilly Coffman, who also hosted a donor event in Houston this month; \$150k for the Ardeshir Zahedi Deanship in the College of Agriculture and Applied Sciences; \$100k for the ICON Sports Performance Center in Athletics; and over \$320k for the Swaner Preserve and EcoCenter. Several outstanding proposals, USU Advancement believes, will close before July 1 and push the FY total over \$40M.

Progress to Goal & Fundraiser Metrics



Contact: Matthew White
 Vice President for University Advancement
 Office: 435-797-3495
matthew.white@usu.edu

Current Year Progress



July 1, 2018 - June 14, 2019

Donor Type	Total	% Total	# of Gifts	% Donors
Alumni	\$13,836,742.20 (+141%)	37.38%	5,339 (-4%)	49.48%
Corporation	\$7,155,581.96 (+43%)	19.33%	1,288 (+8%)	8.07%
Foundation	\$7,040,282.69 (-21%)	19.02%	548 (-6%)	1.73%
Individual	\$7,314,865.42 (+119%)	19.76%	4,238 (+4%)	28.66%
Other Organization	\$966,806.81 (-32%)	2.61%	194 (+2%)	1.01%
Parent	\$679,176.64 (+52%)	1.83%	775 (+11%)	9.62%
Student	\$23,543.92 (-7%)	0.06%	206 (+36%)	1.43%
TOTAL	\$37,016,999.64		12,588	

July 1, 2017 - June 14, 2018

Donor Type	Total	% Total	# of Gifts	% Donors
Alumni	\$5,750,919.06	23.04%	5,568	53.94%
Corporation	\$5,004,757.97	20.05%	1,191	8%
Foundation	\$8,967,861.18	35.93%	580	2.1%
Individual	\$3,332,941.17	13.35%	4,091	23.63%
Other Organization	\$1,431,773.36	5.74%	191	0.94%
Parent	\$447,378.54	1.79%	698	10.43%
Student	\$25,241.48	0.1%	151	0.96%
TOTAL	\$24,960,872.76		12,470	

Highlights

Since our last report, Advancement has focused on attaining its annual \$40M fundraising goal. Advancement currently has 86 outstanding gift proposals totaling nearly \$16M. Some will close in the near term while others will be used in fundraising forecasts. USU's typical close rate is 30-40%.

USU has seen marked increases in major gifts from \$25k or more. Alumni in particular have increased the size of their donations.

Due in part to a staff transition this year, Annual Giving for the colleges is down 10.6%. Our new Director of Annual giving has been successful in reuniting the colleges to conduct a coordinate annual fund drive this fall. He has also organized a successful crowdfunding program (see page 6.)

Advancement completed its annual performance reviews using a new standardized and objective performance assessment model. Staff were assessed on the attainment of division, team/department, and individual goals. Emphasis was placed on rewarding truly exceptional performance.

Major Gifts Since May 1, 2019 Report

<i>Amount</i>	<i>Purpose</i>	<i>Division</i>
\$25,000.00	Swaner EcoCenter	Extension
\$30,000.00	Huntsman School Corporate Sponsorship	Jon M. Huntsman School of Business
\$32,585.60	Football Premium Seating - Luxury Dues	Athletics
\$32,625.00	Alumni Student Scholarship	University Advancement
\$34,580.80	Football Premium Seating - Luxury Dues	Athletics
\$35,000.00	Lyric Repertory Company	Caine College of the Arts
\$38,945.00	Leonard J. Arrington Endowed Chair	College of Humanities & Social Sciences
\$40,000.00	Dr. Donald B. & Joyce Olsen Endowment	College of Agriculture & Applied Sciences
\$50,000.00	F. Ross & Mary Kay Peterson Scholarship	Jon M. Huntsman School of Business
\$50,000.00	Global Engagement Student Leadership Scholarship	Provost
\$55,177.50	Swaner Preserve Conservation Endowment	Extension
\$60,000.00	Kent & Donna Alder Scholarship Endowment	Jon M Huntsman School of Business
\$60,000.00	Swaner EcoCenter	Extension
\$80,000.00	Jersey and Holstein Project Support	College of Agriculture & Applied Sciences
\$85,872.00	Jim & Bonnie Quigley/Deloitte Foundation Scholarship	Jon M Huntsman School of Business
\$92,950.00	BUILD Dairy ID Dairy Comm Main	College of Agriculture & Applied Sciences
\$100,000.00	ICON Sports Performance Center	Athletics
\$150,000.00	Ardeshir Zahedi Deanship	College of Agriculture & Applied Sciences
\$180,000.00	Swaner Preserve Conservation Endowment	Extension
\$350,000.00	Charles Koch Foundation Student Scholarship Support	Jon M. Huntsman School of Business
\$600,081.00	BUILD Dairy ID Dairy Comm Main	College of Agriculture & Applied Sciences
\$780,000.00	Charles Koch Foundation Faculty Support	Jon M. Huntsman School of Business
\$1,290,000.00	Charles Koch Foundation Program Support	Jon M. Huntsman School of Business

ROAD MAP

The following roadmap assists leadership in building a durable, high-functioning organization with the necessary people, processes, and technical systems. This strategic tool also helps develop a culture of excellence that is highly donor focused and customer-service driven.

■ Complete
 ■ Initiated
 ■ Ongoing
 ■ New

USU Foundation Board Experience	Alumni Engagement	Stewardship & Donor Engagement	Operation Enhancements & Efficiencies	Major and Annual Gift Strategies	Data & Goal Attainment & Improvements
Assess Foundation Board Member's Expectations	Hire AVP of Alumni Engagement	Hire Sr. Dir. of Donor Engagement	Advancement Team Alignment	Communications Audit and Plan	Reeher Platform
USU Foundation Board Workgroup	Establish Alumni Metrics	Develop a Donor Acknowledgement Process	Establish Advancement Leadership Team	USU Way of Fundraising (Trainings/Prof. Dev.)	Wealth Screening
Board and Committee Structure	Alumni Board Experience	Revise the Donor Recognition Program	Advancement Vision Setting	Prospect Contact Guidelines	Frontline Fundraising Metrics
Board Bylaw Audit	Re-Establish Alumni Chapters	Events Audit and Event Reports	Budget Evaluation and Alignment	Corporation and Foundation Program	Advancement Services Metrics
Board Roles and Responsibilities	Alumni Officer On-Boarding and Prof. Dev	Donor Recognition and Naming Policy	Gift and Planned Giving Pledge Forms	Principal Gift Program	Expected Proposal Closed Date and \$ Amount
Communication Plan for Foundation Board	Communication Plan for Alumni Board	Donor Relation Metrics	Gift Acceptance Committee and Policy	University-wide Initiative	Dean and Leadership Engagement
	Alumni Center	Endowment Impact Report Audit and Plan	Role Clarity and Position Re-Alignment	Leadership Travel Procedures	College and Major Unit Partnership Reports
	Student Alumni Board Alignment	Donor Website Portal for Giving	MOA Generator	Development Travel Plan and Strategies	USU Leadership and Dean's Trainings
	Alumni Application Launch	Impact Report for PG Plan and DIY Piece	Internal Capital Campaign Groups Established	Onboarding and Mentor Program (Train the Trainer Workshop)	Advancement Services Onboarding and Professional Dev.
			Website Enhancements	Annual Giving Audit and Enhancements	Portfolio Strategy Meeting and Prospect Review Meeting Enhancements

Open Positions & New Hires

Our finalist for the Sr. Director of Development for the S.J. and Jessie E. Quinney College of Natural Resources withdrew his name from consideration. New search has been started. In the coming weeks, we anticipate posting positions for four new development officers. These revenue-generating positions are essential to reaching our FY20 fundraising goal.

National searches currently are underway for the following:

- Sr. Director of Development, S.J. and Jessie E. Quinney College of Natural Resources
- Digital Graphic Designer
- Gift Processor

Our team has welcomed a few new hires since our last report. We also are pleased to announce the promotion of another member of the Advancement Services division. The new hires participate in our on-boarding and mentorship program, which was developed six months ago and has been a resounding success. Experienced staff mentors orient the new hires to USU's fundraising operations, policies, and procedures. Mentors take great pride in preparing their new teammates for success in USU Advancement's culture of excellence.



Development Director, Business

Holly Fjeldsted's experience as the former Corporate Relations Manager dovetails nicely as she shifts to fundraising for the school full time. Her leadership and fundraising experience include service as executive relations and corporate fundraising for Freedom Fire. She also spent 13 years as an Adjunct Professor and Student Teaching Supervisor in the Emma Eccles Jones College of Education.



AVP and Deputy Director, Athletics

Jerry Bovee joined USU Athletics in early June. Bovee will assume many of the fundraising duties formerly overseen by Coleman Barnes, including assisting with major gift acquisition. During the past ten years, he served as Athletics Director for Weber State University. He will be a valuable member of the Advancement Leadership team. He graduated from USU in 1993 with a degree in finance.



Research Analyst, Adv. Services

Danielle Schirner began her career with USU in 2017 after graduating from the Emma Eccles Jones College of Education. After a stint as a tax analyst, she joined USU Advancement as a Gift Processor. Recently promoted to Research Analyst, Schirner aids development officers with prospect research and oversees the student biographical team.

Aggie Funded

USU's New Crowdfunding Program

EST. 2019

144

TOTAL STUDENTS HELPED IN 2019

This year, our generous Aggie donors have helped more students than were helped in the previous two years.



PROJECTS FUNDED

8

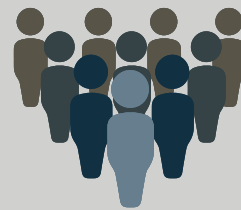


A record number of Aggie crowd-funded projects will support a variety of student clubs and projects.

295

TOTAL DONORS GAVE

More Aggie donors than ever have been inspired to help students compete and achieve their academic goals.



TOTAL AMOUNT RAISED

\$26,026



AggieFunded proves that the contributions of a caring few can achieve astounding results.

SUPPORT AGGIES MAKING A DIFFERENCE

Join us and donate today! Visit www.usu.edu/aggiefunded
email us at crowdfunding@usu.edu

Stewardship & Donor Engagement



Aggie Road Trip - Idaho Falls



Aggie Road Trip - Long Beach

Requesting Nominations

USU requests nominations for the annual Old Main Society and Founders Day awards. Nominees should be outstanding members of the Aggie community and have demonstrated an ongoing commitment to their professions, communities, and the university. Please submit your nomination before September 15 at:

www.usu.edu/alumni/nominate

Evaluating USU's Donor Acknowledgement Program

Angela Joens, the "Donor Relations Guru" and Assistant Vice Chancellor of Development Outreach at UC Davis, visited USU during the first week of June. Angela was hired to meet with USU staff and evaluate the stewardship and donor acknowledgement program. Developing a sophisticated, properly-resourced stewardship program is a new undertaking for USU. During her three-day visit, Angela met with executive leadership, college staff, and advancement team members. We anticipate receiving her evaluation and recommendations in the coming months. Adrienne Larson, former Development Director for the Caine College of the Arts, assumed the role of USU's first Sr. Director of Stewardship this past fiscal year.



Upcoming Events

The USU Alumni Association hosts many events in summer and fall, including "Aggie Days," which have broad appeal and attract friends and family. Many other events are hosted in collaboration with Athletics. We invite you to support these noteworthy upcoming activities.



Aggie Days

June 28 - Lagoon

July 25 - Salt Lake Bees



Aggie Adventures

August 27 - September 2
Aggie Southern Adventure

October 3 - 6
New Orleans

November 21 - 25
Montego Bay, Jamaica
Jamaica Classic basketball
tournament

www.usu.edu/aggieadventures



Athletics

Fall - Alumni tailgates at every
football game (home and away)

Fall - Logan watch parties for all
away football games.

Fall - Alumni chapter events



Homecoming 2019

Homecoming will take place September 22 - 28. Traditional activities such as street painting, the Main Street parade, Running of the Bulls 5k, True Aggie Night, and the pre-football alumni tailgate will be organized by the USU Alumni Association and Student Alumni Association.

Vice President for Business and Finance

Name: David T. Cowley
Telephone: 797-1146
E-mail: dave.cowley@usu.edu
Date: 28 June 2019

Events, Actions, or Issues since Last Trustee's Meeting:

FINANCE

- The State Appropriated Funds budget at 31 March 2019 totaled \$416,681,888, up \$19,866,128 (5.01%) over the same 2017-2018 period. The year-to-date state appropriated funds expenditures totaled \$267,341,625, up \$11,636,846 (4.55%) over the same 2017-2018 period and represented 64% of the total budget. The percent of budget expended, 64%, was 11% less than would be expected to be spent on a strict time of budget year expired basis. Total expenditures for all funds totaled \$621,369,011, up \$121,984 (0.02%) over the same 2017-2018 period.
- Report of Investments for March 2019 is included in the Trustees Consent Agenda. Included in the Report of Investments are schedules reporting the investment activity for March 2019 and comparative year-to-date totals for FY 2018-2019 and FY 2017-2018. The schedules include the Cash Management Investment Pool, Endowment Pool, Other Investments, Endowment Trusts, and Plant Fund Trusts. Also included is the Summary of Investment Transactions. The University's average daily fair value invested for the month of March was \$734,665,841. Purchases totaled \$48,603,134 and sales totaled \$67,232,410. From this activity the University realized net gains of \$278,525 and earnings of \$1,532,626. The Cash Management Investment Pool trailing 12-month rate of return, was 3.44% at 31 March 2019. The Endowment Pool trailing 12-month rate of return, was 3.85% at 31 March 2019.

FACILITIES

Biological Natural Resources Renovation

- VCBO was selected as the design team.
- Design is underway.
- Jacobsen Construction selected as the Construction Manager / General Contractor (CMGC).
- Construction underway on the west addition.
- Construction underway for west addition and north wing renovation.

Space Dynamics Lab Phase II

- CRSA Architects was selected as the design team.
- Jacobsen Construction was selected as the CMGC.
- Design is complete.
- Construction began August 2018.
- Steel structure and exterior framing are complete.

East Parking Terrace

- Project was approved this legislative session.
- VCBO Architects has finished the program and performance specifications.
- Request for Proposals for a design build team has been advertised.

Mountain View Residence Hall Replacement

- Project was approved this legislative session.
- Method Studio was selected as the design architect.

Moab Academic Building

- Project was approved this legislative session.
- RFP for design and a CMGC is underway.

Information Technology Services Building

- Project was approved this legislative session.
- RFP for design is underway.

INFORMATION TECHNOLOGY

Adobe Creative Cloud Suite Licensing Extending to Students

- USU, working with other institutions through the USHE CIO group, negotiated a 5-year contract renewal for the Adobe suite of products which extends access to USU students. Prior to this agreement, Adobe software was licensed only for university owned computers. IT will communicate availability to the student body as soon as the implementation of onboarding processes are complete.

Summer Updates

- Summer provides an opportunity to update a number of systems. While campus feels quieter, information technology staff are as busy as ever updating services and systems in anticipation of another academic year to improve reliability, manageability, and security. Summer upgrades include a significant replacement of USU's core network routing infrastructure, updates to wireless access points in high demand areas, point updates to Banner student, HR, finance, and financial aid modules, and an improved integration between Instructure Canvas and Banner.

USHE Policy R840, Institutional Business Communications

- The Board of Regents formally adopted a new policy this year to “ensure USHE institutions collect and maintain all business email communications in the institutions’ enterprise email systems for security, auditability, records management, document preservation, personnel actions, archiving and destruction, and other purposes as appropriate.”
<https://higheredutah.org/policies/r840-institutional-business-communications/>
- While USU has a similar policy already in place, USU IT is working with General Counsel and HR to review and propose improvements to USU policy, procedure, and practice, including automating provisioning and enforcement of employee e-mail account services to facilitate compliance.

Name: Dave R. Woolstenhulme
Telephone: 435-823-2294
E-mail: dave.woolstenhulme@usu.edu
Date: June 28, 2019

Statewide Campuses - Events, Actions, or Issues since Last Trustee's Meeting:

USU Blanding – n/a

USU Brigham City

As a campus, we tried to engage in as many festivities as we could in connection with the Spike 150 celebration. Some of our staff and faculty participated at the site as volunteers and spectators, and many were involved in other events in the county. We were happy to be part of a big event that took place in our neck of the woods. We followed it up last week with a staff retreat held at the Union Station in Ogden. Under the theme of "Full Steam Ahead," we put together pet projects for the year, considered how small acts can make a big difference, built model trains and raced them down a track, and blew our train whistles a lot. It was a great team building experience.

Next week will kick off our Science Summer Camp. The theme this year will be "The Amazing Super Powers of Critters, Bugs, and Beasts." Our summer camp staff is excited to work with 40 kids during each week-long session, with the first of the three sessions being Girls Only week. The experience includes a myriad of science events to dazzle, delight, and teach kids. We are thrilled that the camp reached its enrollment cap within days of opening, and we are glad to be able to offer this popular event at our campus.

USU Eastern

USU Eastern students documented service hours through the SUN Center for this past year – June 2018 through the end of May 2019 – were 18,838.52, which equates to a nationally accepted value in Utah of \$470,774.61 worth of service. These hours do not reflect the service done through college success skills, or other service learning courses, so the total value of service completed by our students would be even higher. Add this to more than 8,000 hours of service through the USU Eastern Athletic department and you would be hard pressed to find a campus with more service hours per student than USU Eastern.

Utah State University Eastern student athletes combined for a 3.28 GPA for the 2018-2019 academic year. The success in the classroom is based on hard work of each and every student athlete, as well as a rigorous study hall and advising program, said interim athletic director Scott Madsen. The GPA was second highest in the Scenic West Athletic Conference.

The College National Final Rodeo was held June 8-15 in Casper, Wyoming, and for the first time in more than 20 years, USU Eastern was represented. Coaches Leon McElprang and Monte Jensen brought back the rodeo program four years ago, and barrel racer Morgan Jensen and team roper Casey Thomas qualified for nationals. Thomas and his partner had the third fastest time in the third round, but a miss in round one kept them just outside the finals, finishing 14th. Jensen knocked over a barrel in her second run, which dropped her back to 35th, but finished strong with a 14.79 in her third run.

USU Moab – n/a

USU Salt Lake

USU Dietetic Internship Faculty hosted another successful orientation meeting at the USU Salt Lake Center for their new cohort of 61 students. This program prepares students to become Registered Dietitians and though the Dietetic Internship is a yearlong, nationwide online program, the students gather for one week in Salt Lake to support these students in getting off to a great start. One student remarked, "Orientation week was awesome, I am very excited to start my rotations now. And I feel much more comfortable with the faculty and reaching out with questions and concerns, I feel they genuinely care about me and my success."

Plant Soils and Climate (PSC) Department Head, Paul Johnson, and Horticulture Advisor, Jen Forest, recruited Horticulture students for a tour of the Department's facilities in Logan. Because the students are non-traditional and the program is only offered at the USU centers in Orem, Kaysville, and Salt Lake, they typically do not ever make it to Logan. In an effort to connect students to the PSC Department, Dr. Johnson and Ms. Forest led the students on a tour of department facilities including greenhouses, farms, and labs while introducing them to faculty who discussed their research and showed many examples of active research. As a result, students who attended the tour expressed they feel more connected to USU and their instructors. They also feel more motivated to finish their degrees, expressed interest in becoming involved in research and/or student opportunities, and are more seriously considering graduate school at USU.

USU Southwest – n/a

USU Tooele – n/a

USU Uintah Basin – n/a

Utah State University Sponsored Awards Report

FY 2019, Quarter 4



Building of Natural Resources

Main Takeaways

- USU FY19 Research Expenditures are at \$246.5M through May 31, 2019, which is a record high for USU. Both SDL (\$159.6M) and campus (\$86.9M) research expenditures are tracking ahead of all prior fiscal years through the same timeframe.
- The College of Agriculture leads all campus units with \$33.1M in research expenditures FY19 YTD, and is followed by the College of Engineering (\$19.5M), the College of Natural Resources (\$13.5M) and the College of Science (\$10.1M).
- USU FY19 award dollars are at \$312.4M through the end of May. Campus award dollars total 94.6M and SDL award dollars total \$217.7M YTD.
- The College of Education continues to lead all campus units with \$34.5M in sponsored awards and \$67.6M in proposal dollars. The College of Engineering leads all campus units in the number of proposals submitted (234).

Research Expenditures



College/Unit	FY2019 Year-to-Date
Space Dynamics Lab	\$159,622,121
Caine College of the Arts	\$15,684
College of Agriculture	\$33,120,039
College of Engineering	\$19,469,067
College of Humanities and Social Sciences	\$1,302,678
College of Natural Resources	\$13,535,374
College of Science	\$10,139,498
Commercialization & Regional Development	
Cooperative Extension	\$533,441
E Eccles Jones College of Education and Human Services	\$6,852,927
Jon M Huntsman School of Business	\$7,166
Regional Campuses & Distance Education	\$1,718,399
Student Services & AIS	\$94,997
USU-Eastern	\$65,492
TOTAL	\$246,476,883

Research Expenditures FY 2013-2017

	2013	2014	2015	2016	2017
USU total expenditures (in millions)	\$158.4	\$169.6	\$175.4	\$180.6	\$187.3
Rank among all institutions (902)	118	115	110	114	116
Rank among public institutions (400 total)	86	79	75	78	80

Notable New Grants

High Power Wireless Charging Development and Deployment for Drayage Trucks

PI: Regan Zane
 Dept: Electrical & Computer Engineering
 Sponsor: WAVE, Inc.
 Amount: \$3636,364

The project goal is to develop, deploy, and operate two all-electric Class-8 drayage trucks with 500 kW wireless charging and direct MV grid connection at POLA. The baseline vehicles identified are existing electric trucks in operation at Port of Los Angeles (POLA) manufactured by US Hybride and TransPower with conductive charges that operate up to 100 kW. The proposed target represents an increase in charging rate of five times the baseline.

Long-term trajectories of subjectively- and polysomnographically-assessed sleep patterns as predictors of neuroendocrine dysregulation and weight gain in adults

PI: Eric Reither
 Dept: Sociology, Social Work & Anthropology
 Sponsor: National Institutes of Health (NIH)
 Amount: \$1,597,303

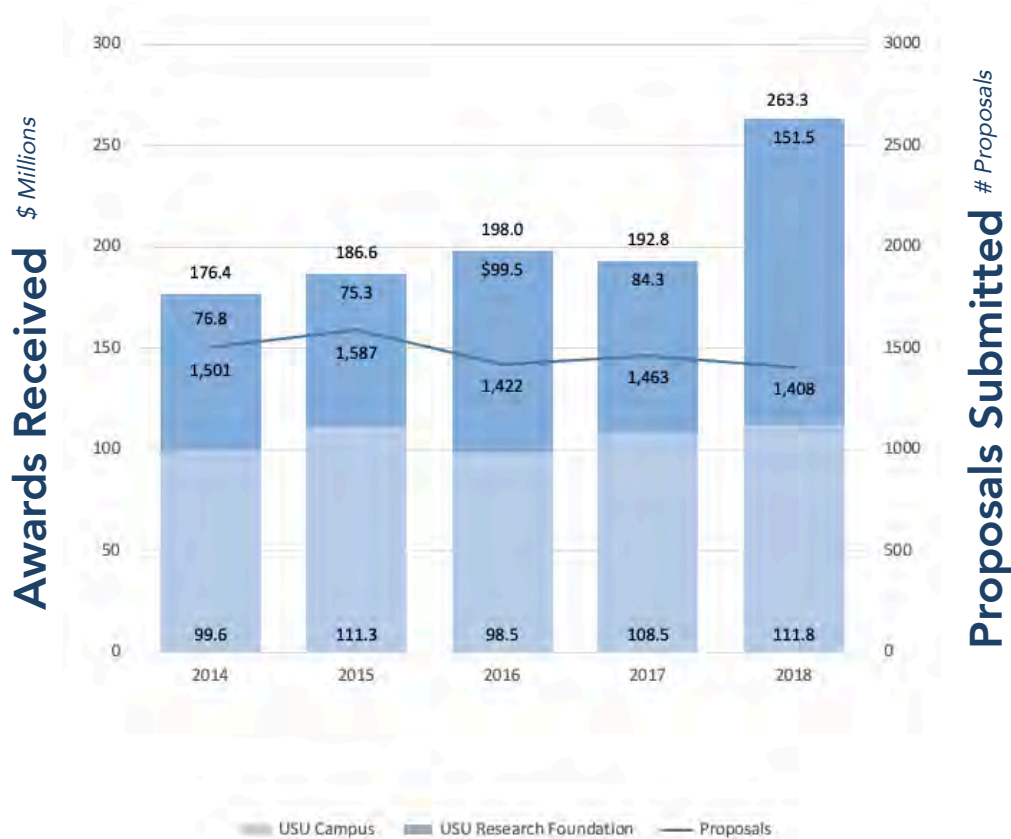
This on going study will use nearly 30 years of polysomnogram (sleep study) data to assess how sleep duration and sleep quality affect weight gain and obesity incidence in adulthood. This study will also evaluate hypotheses asserting that appetite-regulating neuroendocrine hormones (e.g., leptin) mediate longitudinal associations between sleep and obesity.

Mitochondria modulation of postmortem proteolysis and tenderization

PI: Sulaiman Matarneh
 Dept: Nutrition Dietetics & Food Sciences
 Sponsor: National Institute of Food and Agriculture
 Amount: \$391,483

Ageing is the process of storing fresh beef products under refrigeration temperatures, causing breakdown of muscle tissue and ultimately tenderization. Mitochondria can influence meat aging through several means, however, their exact role is unclear. Therefore, this project's aim is to examine the contribution of mitochondria to meat tenderness development.

USU Awards 2014-2018



USU Awards 2019 YTD (through May 31)

	#	Amt.	LY Change*
USU Campus	957	\$94.7 M	-9.6%
Space Dynamics Lab	363	\$217.7 M	66.0%
YTD Total	1320	\$312.4M	32.4%

USU Proposals 2019 YTD (through May 31)

	#	Amt.	LY Change*
USU Campus	1027	\$255.6 M	11.9%
Space Dynamics Lab	219	\$509.6 M	146.2%
YTD Total	1246	\$765.2M	75.7%

*percentages based on change in \$ amount

STUDENT AFFAIRS

Name: James D. Morales
Telephone: 797-9250
e-mail: james.morales@usu.edu
Date: June 12, 2019

Focus of Student Affairs

The mission of the Division of Student Affairs is to inspire, engage, and challenge our students through inclusive, holistic, student-centered programming. This report highlights the efforts of one of our departments to support student development and leadership, facilitate co-curricular student success, and enhance the Aggie experience.

Department Reports:

The USU Inclusion Center

Name Change: We are excited to announce that the name of our center has changed from the Access and Diversity Center to the USU Inclusion Center to more accurately encapsulate the work we do.

LGBTQA Program:

- We started the Trans Support group this year (so we now have two support groups, one LGBT and one specific to Trans identities). This support group took off without a hitch and has had a consistent average attendance of about 10 – 12 participants. At first, we sponsored the group every other week and within two months, students wanted to meet every week. We are hoping to offer even more support groups starting next year with the MSW intern that we are hoping to get.

Adult Learner Program:

- We are collaborating with the Merrill Cazier Library and CCAMPIS (Child Care Access Means Parents in School) to create more child-friendly study spaces and drop-in childcare. The CCAMPIS grant has been incredibly successful providing funding for private childcare for student parents but there is still a waiting list for additional families in need. Adult learners have been requesting for some time easily accessible drop-in childcare on campus. In addition, adult learners have requested additional child-friendly study space. The first phase of our initiative is to designate an interim study space for parents on the 2nd floor of the Merrill Cazier library. The USU Inclusion Center has partnered with the library, CCAMPIS and the Center for Women and Gender to child-proof the space and purchase shelves and cabinets to store toys, books and cleaning supplies. The second phase of this initiative is to remodel a permanent family study space in the library through a similar partnership between the library, CCAMPIS, and USU facilities. The USU Inclusion Center and the Sorenson Center for Clinical Excellence (SSCE) have also created an exciting new partnership to explore options for some limited drop-in childcare options. The SSCE has offered a space in the building currently set up for children to play while their parents and/or siblings are receiving services. The interim family-study space will be open May 1st. The SSCE childcare area will be rolled out for fall semester. The ultimate goal is to locate a building/space large enough to accommodate a childcare center for staff, students & faculty, and we are in the process of surveying the campus for options.

Multicultural Program:

- Under the design and supervision of Luis Rodriguez, Multicultural Program Coordinator, the USU Inclusion Center will premiere the first UndocuAlly training in the fall.
- The Black Student Union participated in the First Community MLK Vigil for MLK Remembrance Day. This event will be an ongoing partnership between BSU and several community stakeholders to bridge the gap between our student community and the general Logan community.
- The USU Inclusion Center has been selected as a Social Work practicum site for the 3rd year. For the 2019/2020 academic year, our BSW practicum student will help manage support groups, focus groups, increase student participation, data gathering, and present to community members on Multi-cultural and LGBTQ+ awareness. This BSW student will be assisting us in fulfilling one more part of our wellness model by providing more resources, educational awareness and trainings for students/faculty/staff.
- USU 46th Annual Powwow: Large attendance from community and students to USU Echoing Traditional Ways Powwow. Record number of vendors. Continuing collaboration and recruitment efforts with Blanding USU

extension campus, Cultural Ambassador Performance Program. 30 Native American students from USU Eastern-Blanding came to perform, volunteer and be a part of the USU main campus Aggie community at USU.

Awards:

- **2018/2019 USU Center for Women and Gender Early Career Award – Alina Begay**
- **2018/2019 College Board Professional Fellow – Alina Begay**

The College Board Professional Fellowship Program identifies, supports, and rewards outstanding professionals who work effectively to close achievement and attainment gaps in their schools, colleges, and communities.

\$5,000 grant awarded to use for programming for Native American students at USU.

ACTION AGENDA

- A. Utah State University 2019-20 Budgets
- B. Capital Development Priority for Fiscal Year 2020-21

ITEM FOR ACTION**RE: Utah State University 2019-20 Budgets**

Information related to the Utah State University 2019-20 budgets is submitted to the Board of Trustees for consideration. The budget information has received the appropriate administrative review and approval.

EXECUTIVE SUMMARY**State Appropriated Line Items**

The total of the 2019-20 state appropriated budget for all line items is \$393,772,000. This budget is based on the following sources of revenue:

<u>Revenue Source</u>	
State Tax Funds	\$228,002,300
Dedicated Credits (Tuition)	159,971,000
All Other Funds	<u>5,798,700</u>
Total	<u>\$393,772,000</u>

Auxiliary Enterprises

The totals of the 2019-20 Auxiliary Enterprises budgets are:

USU \$45,154,006 USU Eastern \$1,515,000 USU Blanding \$1,109,000

Service Enterprises

The totals of the 2019-20 Service Enterprises budgets are \$435,585.

USU \$17,252,670 USU Eastern \$189,900 USU Blanding \$82,100

RECOMMENDATION

The President and Vice President for Business and Finance recommend that the Board of Trustees approve the Utah State University 2019-20 budgets as presented.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, Utah State University, a major Research I University, receives substantial state appropriations and student tuition for its operation;

WHEREAS, the total of the 2019-20 state appropriated budget for all line items is \$393,772,000;

WHEREAS, the \$393,772,000 budget is based on different revenue sources, including \$228,002,300 State Tax Funds, \$159,971,000 Dedicated Credits (Tuition), and \$5,798,700 All Other Funds;

WHEREAS, the totals of the 2019-20 Auxiliary Enterprises budgets are:
USU \$45,154,006 USU Eastern \$1,515,000 USU Blanding \$1,109,000

WHEREAS, the totals of the 2019-20 Service Enterprises budgets are:
USU \$17,252,670 USU Eastern \$189,900 USU Blanding \$82,100

WHEREAS, the Utah State University 2019-20 budgets have been duly considered and approved by the central administration; and

WHEREAS, the President and Vice President for Business and Finance recommend approval of the Utah State University 2019-20 budgets by the Board of Trustees:

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees hereby approves the Utah State University 2019-20 budgets as presented.

RESOLUTION APPROVED BY THE BOARD OF TRUSTEES:

Date



2019-20 STATE APPROPRIATED BUDGET

Education & General	\$277,280,200
School of Veterinary Medicine	5,468,900
O&M	4,506,800
Regional Campuses - Administration	5,384,800
Regional Campuses - Uintah Basin	10,768,000
Regional Campuses - Brigham City	14,765,600
Regional Campuses - Tooele	12,086,900
Agricultural Experiment Station	16,214,900
Utah Water Research Laboratory	4,052,200
Extension	19,370,500
Educationally Disadvantaged	100,000
USU Blanding	4,209,600
USU Eastern - Price	15,461,500
USU Eastern - Prehistoric Museum	481,500
USU Eastern - Educationally Disadvantaged	105,000
USU Eastern - Career & Technical Education	3,515,600
TOTAL - ALL LINES	\$393,772,000

NOTES

Adjusted authorized budget

- Appropriated budget plus:
 - Tuition adjustments (e.g., tuition increases)
 - Adjustments between line items



**Auxiliary Enterprises
2019-20 Operating Budgets**

Budget Category	Campus Store	Dining Services	Parking Operations	Student Health Center	Student Housing	Taggart Student Center	University Inn	TOTAL
Budgeted Operating Revenue	\$8,972,420	\$11,176,071	\$2,455,162	\$2,067,181	\$16,212,321	\$3,069,432	\$1,108,131	\$45,060,718
Other Revenue ¹					\$93,288			\$93,288
Budgeted Expenses (including COGS)	\$8,810,322	\$10,703,547	\$1,258,609	\$2,066,420	\$7,820,162	\$1,987,605	\$1,021,601	\$33,668,266
Budgeted Net Revenue	\$162,098	\$472,524	\$1,196,553	\$761	\$8,485,447	\$1,081,827	\$86,530	\$11,485,740
<u>Budgeted Transfers</u>								
Debt Service		(\$111,121)	(\$547,892)		(\$5,598,257)	\$0		(\$6,257,270)
Other Transfers (Admin. Fee/Capital Exp./Other)	(\$28,987)	(\$78,143)	(\$24,281)		(\$1,132,327)	(\$27,565)	(\$14,728)	(\$1,306,031)
Subtotal - Transfers	(\$28,987)	(\$189,264)	(\$572,173)	\$0	(\$6,730,584)	(\$27,565)	(\$14,728)	(\$7,563,301)
Available for Repairs/Replacement ²	\$133,111	\$283,260	\$624,380	\$761	\$1,754,863	\$1,054,262	\$71,802	\$3,922,439

¹Other Revenue Source: Student Housing - land grant interest; Taggart Student Center - student building fees

²Mandatory transfer for pledged units; non-mandatory transfer for non-pledged units

**Service Enterprises
2019-20 Operating Budgets**

Budget Category	Distribution Center/Mailing Bureau	Information Technology	Motor Pool	Publication Design & Production	Surplus Property	TOTAL
Budgeted Operating Revenue	\$702,190	\$13,592,568	\$1,460,008	\$1,297,904	\$200,000	\$17,252,670
Budgeted Expenses (including COGS)	\$680,232	\$13,219,300	\$1,445,299	\$1,282,554	\$198,000	\$16,825,385
Budgeted Net Revenue	\$21,958	\$373,268	\$14,709	\$15,350	\$2,000	\$427,285



UtahStateUniversity
 USU Eastern
 Auxiliary Enterprises
 2019-20 Operating Budgets

Budget Category	Dining Services	Student Housing	Student Center	TOTAL
Budgeted Operating Revenue	\$770,000	\$720,000	\$25,000	\$1,515,000
Budgeted Expenses (including COGS)	\$770,000	\$590,000	\$15,000	\$1,375,000
Budgeted Loan Payment	\$0	\$0	\$0	\$0
Budgeted Net Revenue	\$0	\$130,000	\$10,000	\$140,000

USU Eastern
 Service Enterprises
 2019-20 Operating Budgets

Budget Category	Mailing Bureau	Telephone Services	Motor Pool	Printing Services	Fuel Tank	TOTAL
Budgeted Operating Revenue	\$17,000	\$50,000	\$121,000	\$0	\$1,900	\$189,900
Budgeted Expenses (including COGS)	\$17,000	\$44,000	\$121,000	\$0	\$1,700	\$183,700
Budgeted Net Revenue	\$0	\$6,000	\$0	\$0	\$200	\$6,200



**USU Blanding
Auxiliary Enterprises
2019-20 Operating Budgets**

Budget Category	Bookstore	Dining Services	Student Housing	Student Center	TOTAL
Budgeted Operating Revenue	\$180,000	\$625,000	\$450,000	\$34,000	\$1,109,000
Budgeted Expenses (including COGS)	\$180,000	\$620,000	\$226,000	\$33,000	\$879,000
Budgeted Loan Payment	\$0	\$0	\$200,000	\$0	\$200,000
Budgeted Net Revenue	\$0	\$5,000	\$24,000	\$1,000	\$30,000

**USU Blanding
Service Enterprises
2019-20 Operating Budgets**

Budget Category	Mailing Bureau	Motor Pool	Printing Services	TOTAL
Budgeted Operating Revenue	\$1,100	\$66,000	\$15,000	\$82,100
Budgeted Expenses (including COGS)	\$1,000	\$65,000	\$14,000	\$80,000
Budgeted Net Revenue	\$100	\$1,000	\$1,000	\$2,100

ITEM FOR ACTION

RE: Capital Development Priority for Fiscal Year 2020-21

The Utah State University Capital Development Priority for Fiscal Year 2020-21 is submitted to the Board of Trustees for consideration. The Capital Development Priority has received the appropriate administrative review and approval.

EXECUTIVE SUMMARY

STATE FUNDED REQUEST

Utah State University is allowed to submit one project for ranking by the Board of Regents Capital Development Prioritization (CDP) process. The priority for this year is the Mehdi Heravi Global Teaching and Learning Center, described below.

The proposed 34,000 square foot Mehdi Heravi Global Teaching and Learning Center for the College of Humanities and Social Sciences (CHaSS) is estimated to cost \$15 million and will be located at the southwest corner of the Quad on the Logan campus. The facility will be designed to fit within the historic context of Old Main and Ray B. West buildings.

The Mehdi Heravi Global Teaching and Learning Center is a languages laboratory facility. The Department of Languages focuses on intensive English language instruction for foreign students and foreign language fluency for native English speakers. The facility will house language and testing labs with state-of-the-art computer/AV space, instruction space, and smaller scale conversational labs. Students will have direct access to graduate research assistants as well as faculty and adjunct instructors. A multi-purpose space for cultural gatherings and events will provide an additional resource for students learning foreign languages and cultures.

RECOMMENDATION

The President and Vice President for Business and Finance recommend that the Utah State University Capital Development Priority for Fiscal Year 2020-21 be approved as presented.

**RESOLUTION
UTAH STATE UNIVERSITY
BOARD OF TRUSTEES**

WHEREAS, The Utah Legislature appropriates state funds for the purpose of capital facilities development; and

WHEREAS, Utah State University is required to submit its prioritized recommendation for such projects to the Board of Regents after presentation to the USU Board of Trustees; and

WHEREAS, Utah State University considers all capital facility development requests received from colleges and departments in developing the Capital Development Priority; and

WHEREAS, The President and Vice President for Business and Finance have reviewed the Capital Development Priority for Fiscal Year 2020-21 and recommend its approval to the USU Board of Trustees; and

WHEREAS, The USU Board of Trustees has reviewed and given due consideration to the Capital Development Priority for Fiscal Year 2020-21:

NOW, THEREFORE, BE IT RESOLVED, That the USU Board of Trustees hereby approves the Capital Development Priority for Fiscal Year 2020-21 as presented.

RESOLUTION APPROVED BY THE BOARD OF TRUSTEES:

Date