

REGULAR MEETING
UTAH STATE UNIVERSITY BOARD OF TRUSTEES
11 FEBRUARY 2005

Minutes of the Regular Meeting of the Utah State University Board of Trustees held in the Alma Sonne Board Room of the University Inn at 10:05 a.m.

MEMBERS PRESENT

Gayle McKeachnie	Chairman
L.J. Godfrey	Vice Chairman
David P. Cook	
K. Duke Di Stefano	
Linda J. Eyre	
Lynnette T. Hansen	
R. Brent Nyman	
Dinesh C. Patel	
Richard L. Shipley	
Randy Watts	

UNIVERSITY REPRESENTATIVES PRESENT

Stan L. Albrecht	President
Noelle E. Cockett	Interim Provost
Joyce Kinkead	Vice Provost for Undergraduate Studies and Research
Juan N. Franco	Vice President for Student Services
Ronald S. Godfrey	Vice President for Business and Finance
M. Kay Jeppesen	Interim Vice President and CIO for Information Technology
M. Scott Mietchen	Vice President for University Advancement
Brent C. Miller	Vice President for Research
Jack M. Payne	Vice President and Dean for Extension
Craig J. Simper	University Counsel and Chief of Staff
Gary A. Chambers	Associate Vice President for Student Services
David W. Driggs	Associate Vice President for University Advancement
Kevin C. Womack	Associate Vice President for Business and Finance
Sydney M. Peterson	Assistant Provost
Clinton G. Moffitt	Assistant Vice President for Finance/Controller
Lee Roderick	Special Assistant to the President
John DeVilbiss	Executive Director of Public Relations and Marketing
Donald W. Fiesinger	Dean of the College of Science
Gary Kiger	Dean of the College of HASS

Jodi Bailey	Director of Internal Audits
Tiffany M. Evans	Director of Student Involvement and Leadership Center
Randy Spetman	Director of Athletics
Christine E. Hailey	Associate Dean of the College of Engineering
John W. Shervais	Head of the Department of Geology
Norman L. Jones	Head of the Department of History
James A. MacMahon	Professor, Department of Biology
Brent Guy	Football Coach
Derek T. Mason	President-elect of Faculty Senate
Marsha Howell	President of the Professional Employees Association
Jill J. Ballard	Vice President of the Classified Employees Association
Lee H. Burke	Assistant to the President and Secretary of the Board of Trustees
Mira G. Thatcher	Secretary

MEMBERS OF THE MEDIA PRESENT

Rashae Ophus *The Herald Journal*

Chairman McKeachnie conducted the meeting and welcomed those present.

I. Invocation: Trustee Essig.

II Chairman's Remarks

A. Appointment of Stan Albrecht as USU President

Chairman McKeachnie extended to President Albrecht the full support of the Board of Trustees. He said members of the Board are looking forward to working with President Albrecht.

B. Appointment of Noelle E. Cockett as Interim Provost

President Albrecht stated that Interim Provost Cockett previously served as Vice Provost and worked with faculty-related issues before she was appointed as Dean of the College of Agriculture. President Albrecht said he is delighted that she agreed to accept the position of Interim Provost. He said that she has been an excellent dean, administrator, scholar, and scientist. Chairman McKeachnie indicated that Interim Provost Cockett also has the support of the Trustees.

C. Resolution of Appreciation and Commendation to President Kermit L. Hall

The Trustees presented a Resolution of Appreciation and Commendation to President Kermit L. Hall at a reception held on 21 January (Appendix A).

Action: Trustee Eyre moved approval of the Resolution of Appreciation and Commendation to President Kermit L. Hall, and Trustee Nyman seconded the motion. The voting was unanimous in the affirmative.

Dr. Burke reported that a Concurrent Resolution to President Kermit L. Hall was presented to him at the Utah State Legislature on 21 January.

D. Report on Audit Committee Meeting

Trustee Cook, Audit Committee Chairman, reported that the Audit Committee met this morning and reviewed the Internal and External audits. USU's Director of Internal Audits, Jodi Bailey, reviewed the internal audits, and the external audits were reviewed by the firms Hansen, Barnett & Maxwell and Jones, Simkins (see Appendix B). The opinions were all unqualified, and there was no scope of limitations. Trustee Cook said the auditors did an excellent job, and indicated that their work with University management was positive. The audit plan for current and scheduled projects was given to the Trustees for their information (Appendix C).

Trustee Cook stated that the Audit Committee unanimously passed motions to recommend that the internal and external audit reports be received and approved by the full Board.

Chairman McKeachnie congratulated Assistant Vice President/Controller Moffitt and Director Bailey for their work on the audits.

Action: Trustee Cook made a motion that the full Board approve Resolution 05-2-1 the Internal and External Audit Reports (Appendix B). Trustee Shipley seconded the motion, and the voting was unanimous in the affirmative.

E. Report on Financial Resource Committee Meeting

Trustee Shipley, Chairman of the Financial Resource Committee, reported that the Financial Resource Committee met on 11 February and heard a report from Vice President Mietchen concerning the capital campaign (Appendix D).

Vice President Mietchen reported that additions to the campaign staff are being made and that campaign mechanics and logistics are being structured. He introduced David Driggs, the new Associate Vice President for Advancement, who will work out of the Salt Lake City office. He was formerly the Director of Major Gifts at the University of Utah.

Vice President Mietchen said that the Trustees will receive an outline of the campaign for their consideration.

The Foundation Board will be expanded to include 40 to 50 individuals. He said that potential Foundation Board members are being considered.

Vice President Mietchen asked that Trustees host dinners in their homes for three or four couples at a time to introduce new USU President Albrecht and Mrs. Albrecht.

The Trustees will receive e-mail reports concerning the campaign. The names of donors in the \$5,000 to \$10,000 range will be listed. Vice President Mietchen asked that if the Trustees know these donors the Trustees acknowledge the gifts to USU. Founders Day is scheduled for 5 March in Salt Lake City. Vice President Mietchen invited the Trustees to attend the program and the reception for the award recipients which will be hosted by President Albrecht.

Trustee Shipley indicated that the Case Statement is being reviewed and near completion.

Action: Trustee Shipley made a motion that the Trustees accept the report of the Financial Resources Committee. Trustee Hansen seconded the motion, and the voting was unanimous in the affirmative.

F. Date of the Next Board of Trustees Meetings

The next Board of Trustees meeting will be held on 8 April 2005.

III. President's Remarks

A. Performance Dashboard for February 2005

The performance dashboard for February 2005 (Appendix E) was given to the Trustees for their information.

President Albrecht stated that the Performance Dashboard will be adjusted in the future to show accountability—how we are using funding received from the State of Utah.

B. Banner Update

Trustees were given information concerning the Banner software project (Appendix F) for their information.

President Albrecht stated that Interim Vice President Jeppesen has agreed to serve through July 2006 and expressed appreciation to him.

Interim Vice President Jeppesen expressed appreciation to his staff who work with the Banner software project. He said that the project involves many disciplines, growth pains, and refinement. The project is moving forward as anticipated.

President Albrecht said he has worked at other institutions when major software changes were made and there were problems, delays, and debt. He stated that USU's Banner project is on time and on budget, which is a real compliment to those involved with implementing the Banner software.

C. 2005 Legislative Session Update

President Albrecht reported that those in leadership positions on the Higher Education Appropriations Subcommittee (HEAS) this year are friends of higher education, and they support the preliminary budget which was approved by the Board of Regents.

President Albrecht reported on HEAS's budget priorities (Appendix G). He stated that USU's first legislative priority is compensation. The Legislature is considering increases of 2 ½ percent for salary and 2 percent for benefits. President Albrecht said he had hoped it would be more, but reiterated that the increase is more than has been received for the last three years. He said that the amount of Tier II tuition charged to students will depend on what USU receives for compensation.

President Albrecht said that a new concept is being considered by the Legislature which will set aside \$3.75 million for higher education statewide to help in retention of key faculty and staff. He said that because of the previous budget cuts and low salary increases, institutions in Utah have fallen behind other institutions. It affects the ability to attract strong faculty and retain them. This program would come forward as a block grant to the Board of Regents and would allow institutions of higher education to request funds when needed to help with retention of key faculty. President Albrecht reported that there is strong support in the HEAS for O & M funding. Last year the Legislature did not fund O & M on buildings. There is strong support to make up last year's loss as well as fund current O & M.

The fuel and power deficit is increasing in the state. There is some support for funding fuel and power. Legislators are considering covering incremental increases in fuel and power costs. There is discussion about the responsibility of the state to cover basic costs of fuel and power to universities.

President Albrecht said there is continuing support for the Engineering and Computer Science initiative, and the Nursing initiative.

President Albrecht said that legislators have assured us that USU's Climate Center will be funded. Another USU initiative is to obtain funding for accreditation of the Veterinary Diagnostics Lab and Ag in the Classroom, which Dr. Burke said was approved by the Executive Appropriations Committee as part of the base budget for the Department of Agriculture.

Trustees were given the Priority List of Capital Development Projects as recommended by the Capital Facilities Appropriations Subcommittee (Appendix H). President Albrecht pointed out that buildings at Dixie State College and the University of Utah moved to the top of the priority list, as well as at Southern Utah University. He said that one of USU's on-going struggles is to get support for the new Vernal Campus building. A lot of work is being done to get that project on the list.

President Albrecht said that one of USU's major initiatives is to obtain funding to move agriculture activities from north of campus to the Caine Dairy. He said this move will help with economic development, growth, and expansion of the Innovation Campus. President Albrecht said he is hopeful that USU will get support for the \$9.56 million request.

President Albrecht stated that a bill sponsored by Representative Susan Lawrence passed the House Education Standing Committee unanimously which will extend the residency requirement for students to live in the state for three years or 60 credit hours in order to qualify as resident students. The past few years the requirement has been two years or 60 credit hours. He said that the three year requirement is detrimental, especially to USU. The sponsor has agreed to build in the final language of the bill something that will help USU, which is most impacted by the requirement. President Albrecht said they are trying to increase the number of out-of-state tuition waivers to 500 so that USU can continue to recruit students in southern Idaho. Trustee Essig said that students have spent a great deal of time talking to Representative Lawrence, but have not had a lot of influence. House Bill 331, which is currently law, requires 60 credit hours. Dr. Burke said the Regents interpreted the law to mean that students could either live in Utah for two years or take 60 credit hours, but not mix these two. If a student started taking classes they would have to take all 60 credits before gaining residency. The bill being considered would make it possible to get residency by living in the state three years regardless of how many credits are taken. Trustee Essig said it is an economic benefit for students to finish in four years. He said the proposed bill contradicts the push for that economic benefit. He said we have lost more than 400 students from Idaho since House Bill 331 went into effect, which is also a loss of economic benefit to the valley. The proposed bill would increase the loss of students to USU.

Dr. Burke distributed information on the proposal for the base budget bill

(Appendix I). The total available ongoing funds are \$324 million. After the appropriations in the base budget bill, \$137,759,600 will be left to fund everything else. Deducted from that would be \$70 million for roads, which would leave only \$67 million to fund other priorities. Legislators are considering \$35 million for buildings so they will not have to bond, which would leave about \$30 million for everything else including higher education issues such as O & M and fuel and power.

There is pressure from several areas to reduce the funding for roads so there will be more money left for programs. President Albrecht said this could affect everything for the next five to eight years.

D. The President's Report, 2/11/05

The President's Report for 2/11/05 (Appendix J) was distributed to the Trustees.

President Albrecht stated that he and Mrs. Albrecht plan to move into the University Residence in March. Some changes are planned such as planting tomatoes and other plants. Resources are being sought to finish rooms in the basement which will be conducive to gatherings for students.

There may also be a basketball standard outside. President Albrecht said that the University residence is a great facility, and hopefully it will become even more inviting.

E. Report on Athletics

Director Spetman reported that Athletics is doing well. Fall semester there were seventeen student-athletes with a 4.0 GPA, 149 out of 311 student-athletes earned between 3.0 and 3.99 GPA, and thirty-eight were on the Dean's list. Athletics continues to emphasize the importance of education.

Men's and women's basketball are doing well. The men's team is getting a lot of exposure as they join the Big West Conference. The women's team is eleven and ten, and have won twice as many games this year as last year, which is just their second year of competition. He complimented Coaches Morrill and Scott-Pebbley.

Two student athletes received the Big West Athlete of the Year Award—Spencer Nelson from the men's basketball program for academics and athletics, and Melissa Bagley from the women's soccer team.

The renovation at Romney Stadium is high priority. In May renovation will begin on the south end zone and the east side will get new restrooms, concession stands, ticket

office, and entrance. Funds are being raised for the west side press box. A major priority is the north end zone complex which will include the sports medicine area.

Director Spetman introduced the new football coach, Brent Guy. Coach Guy came from Arizona State University, but he previously coached at USU with Charlie Weatherbie. He has been in the team rebuilding process for years. He has tremendous energy and a great family, and will be very successful at USU.

Coach Guy said he is happy to be back in Cache Valley. He is excited for the opportunity to coach in the WAC. His philosophy is to provide a process of achieving excellence. He told the team that their priorities are family, academics, and football—in that order. Coach Guy has hired a staff and begun recruiting. Twenty-five have signed up, and only two of those are junior college players. There are only seventy-seven scholarship athletes out of eighty-five. Coach Guy plans to build the program from the ground up with high school graduates. The NCAA minimum requirements are an ACT of 17 and SAT of 830. This recruiting class averaged ACT scores of 20 and SAT scores of 1090. He said these recruits will be productive student-athletes at USU for three or four years, which is critical to building a program. Coach Guy plans to recruit and develop student-athletes who will excel on the field, in the classroom, and in the community.

F. Appointment of Search Committee for Provost

President Albrecht reported that a Search Committee for the new Provost has been appointed. Dean Scott Hinton will serve as Chairman, and committee members will include faculty, Extension, students, and a member of the Trustees.

G. Ground Breaking for the Living Learning Center

President Albrecht stated that there will be a ground breaking for the new Living Learning Center on Friday 8 April. He said Trustees will be invited to attend.

IV. Consent Agenda

Trustees were given the following consent agenda material for their consideration:

- Minutes of the Executive Session Held 3 December 2004;
- Minutes of the Regular Meeting Held 3 December 2004;
- Resolution 05-2-2 Faculty and Staff Adjustments (Appendix K);
- Resolution 05-2-3 Proposal from the Department of Mechanical and Aerospace Engineering, College of Engineering, to establish a Computational Engineering emphasis within the BS Degree in Mechanical Engineering (Appendix L);
- Resolution 05-2-4 Proposal from the Department of Geology, College of Science, to Offer

a Doctor of Philosophy Degree in Geology (Appendix M);
 Resolution 05-2-5 Certificate of the Treasurer for the Period 1 July 2003 to 30 September 2004 (Appendix N);
 Resolution 05-2-6 Certificate of the Treasurer for the Period 1 July 2004 to 31 October 2004 (Appendix O);
 Resolution 05-2-7 Certificate of the Treasurer for the Period 1 July 2004 to 30 November 2004 (Appendix P);
 Resolution 05-2-8 Report of Investments for September 2004 (Appendix Q);
 Resolution 05-2-9 Report of Investments for October 2004 (Appendix R);
 Resolution 05-2-10 Report of Investments for November 2004 (Appendix S);
 Resolution 05-2-11 Report of Institutional Discretionary Funds for 2003-2004 (Actual), 2004-2005 (Estimate), and 2005-2006 (Estimate) and Institutional Discretionary Funds Supplemental Report of Budget Variances for the Fiscal Year Ended 30 June 2004 (Appendix T);
 Resolution 05-2-12 Amended Investment Policies and Procedures (Appendix U);
 Resolution 05-2-13 Contract/Grant Proposals and Awards for November 2004 (Appendix V);
 Resolution 05-2-14 Contract/Grant Proposals and Awards for December 2004 (Appendix W);
 Acceptance of the following written reports:
 Academic Services (Appendix X);
 Faculty and Staff Activities and Achievements (Appendix Y);
 Business and Finance (Appendix Z);
 Business and Finance Performance Dashboard, February 2005 (Appendix AA);
 Extension/Continuing Education (Appendix BB);
 Cooperative Extension Performance Dashboard (Appendix CC);
 Continuing Education Performance Dashboard 2003-04 (Appendix DD);
 Conference Services Performance Dashboard 2003-04 (Appendix EE);
 Information Technology (Appendix FF);
 Information Technology Performance Dashboard, January 2005 (Appendix GG);
 Research (Appendix HH);
 Research Performance Dashboard, January 2005 (Appendix II);
 Technology Management Indicators (Appendix JJ);
 Innovation Campus (Appendix KK);
 Student Services (Appendix LL);
 University Advancement (Appendix MM);
 University Advancement Dashboard, February 2005 (Appendix NN);
 Development Fund Report for Fiscal Year 2004-05 (Appendix OO);
 Affirmative Action/Equal Opportunity (Appendix PP);
 Alumni (Appendix QQ);
 ASUSU (Appendix RR);
 Athletics (Appendix SS);
 Graduate Studies (Appendix TT);
 Public Relations and Marketing (Appendix UU);

Faculty Senate (Appendix VV);
Professional Staff (Appendix WW);
Classified Staff (Appendix XX);
Executive Session, to be held at the 8 April 2005 Board of Trustees meeting to discuss those items which are permitted by law to be discussed in Executive Session.

Action: Trustee Watts moved approval of the items on the consent agenda. Trustee Essig seconded the motion, and it passed unanimously.

V. Action Agenda

A. Appointment of Noelle E. Cockett as Interim Provost

Trustees were given information concerning the appointment of Noelle E. Cockett as Interim Provost (Appendix YY) for their consideration.

Action: Trustee Cook moved approval of Resolution 05-2-15 the appointment of Noelle E. Cockett as Interim Provost (Appendix YY). Trustee Godfrey seconded the motion, and the voting was unanimous in the affirmative.

B. Proposal for an Increase in Student Fees as Recommended by the Utah State University Student Fee Board

Trustees received information concerning the proposal for an increase in student fees as recommended by the Utah State University Student Fee Board (Appendix ZZ).

President Albrecht said that the increase in student fees was proposed by the Student Fee Board which consists of fifteen students, one administrator, and the two ex officio members Gary Chambers and Tiffany Evans.

Vice President Franco reviewed the request of an increase of \$.25 per semester for *The Statesman* fee, \$4 per semester for the student health fee, \$3 per semester for the shuttle bus fee, \$2 per semester for the activity fee, and \$1 per semester for a campus recreation fee for a total increase per semester of \$10.25. That will bring total semester fees based on ten credit hours to \$271.75.

He said the campus recreation fee of \$1 increase will go toward repair and replacement of exercise equipment at the Nelson Field House.

Vice President Franco said that \$.25 of the activity fee will go toward a full-time student lobbyist (there is currently a part-time lobbyist). Trustee Essig said that statewide the biggest issue for students is the increasing cost of tuition. A full-time lobbyist will benefit all students. Vice President Franco stated that \$1.75 of the

activity fee increase will be used to hire a full-time attorney for students. There are currently two part-time attorneys who provide advice to students, but their hours are not conducive to the needs of the students. The attorney will provide legal advice of the students' rights and provide education programs for students. The attorney cannot get involved in claims against the University, the State of Utah, or one student against another, and cannot represent students in court. Trustee Essig said that guidelines will be formulated of what the attorney can and cannot do, and there will be an Advisory Board. Insurance for liability is planned as part of the budget. This will be a great benefit to the students. Vice President Franco said it is common for universities to have full-time attorneys.

Action: Trustee Shipley made a motion to approve Resolution 05-2-15 the proposal to increase student fees as recommended by the Utah State University Student Fee Board (Appendix ZZ). Trustee Hansen seconded the motion, and the voting was unanimous in the affirmative.

VI. Strategic Agenda

President Albrecht introduced strategic agenda items. He said that USU is about students getting a diverse education. He said the School of the Arts, the National Ecological Observatory Network, the National Center for Engineering and Technology Education, and Religious Studies are important and exciting to the future of USU.

A. School of the Arts

Dean Gary Kiger reported on the new School of the Arts. The School of the Arts is an administrative structure within the College of Humanities, Arts, and Social Sciences that will coordinate activities among the arts-related departments including Theater, Music, Art, Interior Design, Landscape Architecture, the Art Museum, and other related entities. Dean Kiger stated that the goal is to keep arts and humanities programs front and center and to raise the visibility and notoriety of the arts at USU and in the community.

Dean Kiger said the School of the Arts should be viewed as a community of artists. The College of HASS has strong faculty and students in arts-related programs. We want to enhance excellence in each of the individual programs as well as enhance collaborative opportunities.

The School of the Arts will enhance arts-related curriculum. When visiting artists come to campus or the community, there will be an effort to build the artists' visits into courses.

Dean Kiger said they want to include the community. They are developing a new

land-grant mission to partner arts and humanities programs with groups in the community and elevate the presence of art at USU and in the community. He said there is already a close working relationship with Ellen Eccles Presents and other community groups.

Dean Kiger said that the School of the Arts is an opportunity for facilities. The College of HASS recently received a \$250,000 master planning grant for School of the Arts. Sasaki and Associates was engaged to develop a master plan for the School of the Arts. They met with faculty, staff, and students to talk about programming and future renovations and construction. One of the priorities that emerged from the master plan was a recital hall. Kathryn Wanlass and Manon Russell made the largest individual gift USU has ever received for the design and construction of the recital hall. It will be a world-class recital hall, which will open in January 2006. He said they are already in the process of scheduling visiting artists for that opening season.

B. The National Ecological Observatory Network (NEON)

Dr. James MacMahon, said the National Ecological Observatory Network (NEON) is the largest program in the Life Sciences ever undertaken by the National Science Foundation.

NEON is a nationwide observatory network that is currently being designed to measure a series of environmental variables simultaneously and will be available in real time on an open network for everyone to access. It will have a mobile capacity so that in case of a disaster instruments could be moved to the site of the disaster to collect data in real time. This will likely be about a \$1 billion, fifteen year project. The National Science Foundation (NSF) has asked Dr. MacMahon to begin thinking about the second phase of NEON to begin in fifteen years.

Two people suggested this program eight years ago and the NSF had six committees study the proposal (Dr. MacMahon was on two of those committees). The program proposal for funding was turned down twice. NSF then turned the program over to the scientific community which made requests to the American Institute of Biological Sciences and National Research Council. Two white papers were requested and Dr. MacMahon helped write the white papers. The resulting documents and a rough design proposal was taken to Congress. Congress could not fund the proposal, but wanted the work to continue and has provided \$6 million for the next two years to finish the design. In the third year there will be about a \$300 million first payment to institute the network.

NEON will address a series of environmental questions which are critical to humans. It will look at land use change and try to model what will happen under different scenarios of land use change. That will have great economic significance. NEON will also track and document climate change. It will track the cycle of chemicals in

nutrients both in nature and in managed systems so that we can know the impact on agriculture and how we can more effectively and efficiently do a variety of things. It will track invasive species which is an \$18 billion a year cost to agriculture. It will track infectious disease and will be able to predict the spread of infectious disease. Dr. MacMahon stated that this is a huge monitoring network and will involve very expensive instrumentation. There will be a fleet of drone airplanes that will take low-level data. There will be access to satellite data that will record minute details from space (whether a shoe is tied or untied).

Dr. MacMahon was one of the authors of the white paper that Congress accepted. The American Institute of Biological Sciences asked the group who wrote the white paper to write a NEON proposal to NSF. There was a national competition, and Dr. MacMahon's group won. NEON, Inc., a limited liability corporation, will be formed within twelve months. Five individuals, including Dr. MacMahon, are the principals who will receive the funding from NSF. A private entity is required so that no one University would have the control of NEON. Dr. MacMahon is one of the senior management team and is in charge of all of the science. There are three other individuals from USU included with the group of 150 of the best scientists in the United States which will finish the design process.

NEON characteristics are that it has to transform the way we do science. It has to be interdisciplinary. It has to be open and cover the entire United States simultaneously with data being available instantaneously. Dr. MacMahon said this is a huge task and a wonderful opportunity for USU.

NEON will be based on regional activity and regional groups have begun to form. An Intermountain Regional Observatory Network involves 170 scientists from universities, agencies, and non-governmental organizations who are helping design part of NEON for regional questions. That group includes approximately thirty-five people from USU and may be centered at USU. It could receive \$10 million to \$20 million a year for fifteen years. Also, because scientists are involved, they will receive research contracts to use the national NEON to address regional problems.

Dr. MacMahon said that in fifteen years we will be able to measure environmental variables for the entire earth simultaneously in real time. This is the first time that we will be able to look at what is happening on the earth all at once.

C. National Center for Engineering and Technology Education (NCETE)

Associate Dean Christine Hailey reported on the National Center for Engineering and Technology Education, which is a National Science Foundation Center for Learning and Teaching. She said that the goals for the Centers for Learning and Teaching are to address the national need for instructors who teach science, technology, engineering, and mathematics in grades kindergarten through 12. It is expected that

a large number of teachers in these fields will retire, and the centers will focus on better prepared teachers in these areas. The teachers should be prepared to represent the diversity of the student population and use instructional techniques that enhance learning for all students in science, technology, engineering, and mathematics.

The Centers for Engineering and Technology Education are multi-institutional and received \$10 million for five years. USU is partnering with the school districts to give the instruction needed which will prepare better teachers.

Associate Dean Hailey indicated that USU is home to one of only seventeen Centers for Learning Technology in the country, and is the only one which focuses on Engineering and Technology education. Other sites include the University of Washington, the University of Wisconsin, Texas A&M, Northwestern University, UC - Berkley, Rutgers, and the University of Maryland.

Associate Dean Hailey said USU is the lead institution and is partnering with BYU, Cal State L.A., the University of Minnesota, University of Wisconsin–Stout, Illinois State University, University of Illinois, The University of Georgia, and NC A&T State University. The ultimate goal is to include engineering design and problem solving into technology education in grades 9 through 12. It will improve teaching and have a national impact. She said they have teamed with engineering faculty and technology educators.

Research will be conducted which will help to improve learning and teaching the subjects of engineering and technology. The National Center for Engineering and Technology Education supports the mission of the newly formed Department of Engineering and Technology Education. Five doctorate fellows will conduct the research. This program will give great visibility to the College of Engineering and is an important connection with the National Science Foundation.

Five years from now there will be an increased number of doctoral-level professionals who can teach teachers how to integrate engineering concepts into grades 9 through 12. There will be an increased understanding of how students learn engineering and technology concepts, how to best teach these concepts, and how to evaluate learning and teaching of engineering and technology concepts. There will be more teachers in grades 9 through 12 who can effectively teach engineering concepts to their students. There will be more students entering USU in engineering, science, technology, and math. If the program is successful it can be renewed and may receive another \$10 million for five more years. That would focus on teachers for grades K through 8.

D. Religious Studies

Dr. Norman Jones reported that a gift of \$600,000 was made by the Tanner

Charitable Trust to endow the Religious Studies library acquisitions program. He said that maybe for the first time at USU, a degree program is starting by first endowing the library before enrolling the students.

Dr. Jones teaches the History of Christianity and has felt for years that the student body has wanted to learn about religion in an academic setting. When President Albrecht was Dean of the College of HASS he was supportive of building the Religious Studies program. It was decided then to first find the money and then build the program.

Dr. Jones said that an Advancement Council was formed, and Trustee Shipley played a key role. He also expressed appreciation to Julie Pitcher, Development Officer for the College of HASS, who helped with finding funding. In addition to the \$600,000 raised from the Tanner Charitable Trust, the Charles Redd chair has been endowed. Fund-raising continues for the Leonard Arrington Chair in Mormon History and Culture and for endowed junior faculty positions for the subjects of Islam, Hinduism, and Buddhism. Dr. Jones said there are approximately twenty-two faculty members who have degrees and the necessary requisites.

Dr. Jones indicated that the Religious Studies program has tremendous community support. Religion is not promoted in this program. Students will study about religion and its impact on culture, culture's impact on religion, and religion's affect on society.

To date there are forty-nine donors to the Arrington Chair ranging from large gifts to small gifts. The program has support from the community. The Religious Studies program will need to receive approval from the Board of Trustees and from the Board of Regents. It is hoped that students will be able to enroll in the Religious Studies program soon.

Chairman McKeachnie thanked everyone who submitted written reports.

The Regular Meeting adjourned at 11:30 a.m.

Gayle McKeachnie, Chairman

Lee H. Burke, Secretary
(Minutes Taken by Mira G. Thatcher)

Date Approved