



April 10, 2024

Subject: Invitation to Apply for the Noyce Master Teaching Fellows Program in Data Science and Mathematical Modeling Leadership at USU

Dear Mathematics Teacher:

I'm very pleased to announce Utah State University's Noyce Master Teaching Fellows (MTF) program, **Community Impact with Teacher Leaders in Data Science and Mathematical Modeling**. This program is designed to foster collaborations between Utah State University faculty and selected secondary mathematics teachers to enhance our collective expertise, teaching methods, and community engagement in order to bring Data Science and Mathematical Modeling learning opportunities to students in rural and Native communities. Master Teaching Fellows committed to teaching in high-needs rural schools will receive comprehensive support for 5 years of program participation. To be successful we need you!

As an MTF, you will receive financial support in the following forms:

- MTFs with master's degrees will receive a salary supplement of \$14,000 per year for each of the 5 years of the program.
- MTFs who obtain master's degrees will receive cost of attendance for their last 14 months of the [Master of Mathematics](#) professional degree program, and then a \$14,000 salary supplement for 4 years after degree completion.
- All MTFs regardless of degree status will receive cost of attendance including tuition and fees plus travel/accommodation reimbursement for travel over 50 miles that is required for program participation.

Program Highlights:

- **Professional Development:** Engage in immersive experiences and outreach initiatives in rural and Native communities, fostering a deep connection between education and community needs.
- **Data Science & Mathematical Modeling credentials:** Acquire a certificate in Mathematical Modeling and Data Science Education, ensuring your proficiency in cutting-edge educational practices.
- **Advanced Education:** MTFs will have the opportunity to earn a Master's of Mathematics degree, specializing in DS & MM teaching leadership.
- **Technological Proficiency:** Develop expertise in industry-standard technologies for teaching and coding, such as R, Python, or MATLAB.
- **Collaboration and Design:** Work closely with USU faculty and peer Master Teaching Fellows to co-design and implement culturally relevant DS & MM lessons in your own classrooms.
- **Dissemination of Knowledge:** Create scholarly products to share your co-designed lessons at teacher workshops across Utah and the Four Corners region, conferences, or practitioner journals.

How to Apply: Please visit <https://www.usu.edu/math/noyce/> to access the application form and detailed program information. The deadline for applications is June 30th, 2024.

Join us in shaping the future of Data Science & Mathematical Modeling education while advancing your career as a Master Teaching Fellow. Your commitment to educational excellence is the cornerstone of this initiative, and we look forward to welcoming you into our community of forward-thinking educators.

Should you have any questions or need further assistance, please do not hesitate to contact Brynja Kohler at Brynja.Kohler@usu.edu or 435-797-2872.

Thank you for considering this opportunity, and we eagerly anticipate the prospect of having you as part of the Master Teaching Fellows Program.

Sincerely,



Brynja Kohler
Principal Investigator
Community Impact with Teacher Leaders in Data Science and Mathematical Modeling
NSF #2345194