Research Experience for Teachers

Spend summer 2019 engaged in exciting research at MIT’s Materials Research Science and Engineering Center!

Join a team of faculty, graduate students, and postgraduate researchers performing cutting-edge research in the broad field of materials science and engineering, and then explore ways to use that experience to enrich your teaching. Learn to use state-of-the-art equipment and techniques. A variety of research projects are available, including projects in the following areas:

- physics
- chemistry
- biomaterials
- engineering
- nanomaterials
- polymers

No research experience is required. All you need is enthusiasm and a desire to learn. See how the science and engineering principles you teach in the classroom are applied in laboratory research. The program includes meetings where you will have a chance to share your experience with fellow teachers and discuss connections between your classroom curriculum and current materials science research in the lab. Participation in a research poster session on August 8th is required.

- Program eligibility: Middle- and high school-level science and engineering teachers at schools within commuting distance of MIT are invited to apply. Housing is not available.
- Program duration: Seven full-time weeks during the first summer. Dates are slightly flexible. Participants are encouraged to return for an optional second summer of flexible duration to continue research and/or develop classroom material based on their research at MIT.
- Stipend: $7000/first summer; $3500/second summer
- Application: Available at https://mitcmse.mit.edu/sites/default/files/documents/RETapplication19.pdf or contact Susan Rosevear for a paper application.
- Application deadline: April 30, 2019

For further information or questions, contact:

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Please note that participants must be US citizens or permanent residents.

MIT is a non-smoking environment.
Women and members of minority groups are encouraged to apply.

Michael Griffin, Bedford High School Environmental Science teacher researched improved catalytic properties of porous materials.