



STEVENS
INSTITUTE of TECHNOLOGY
THE INNOVATION UNIVERSITY®

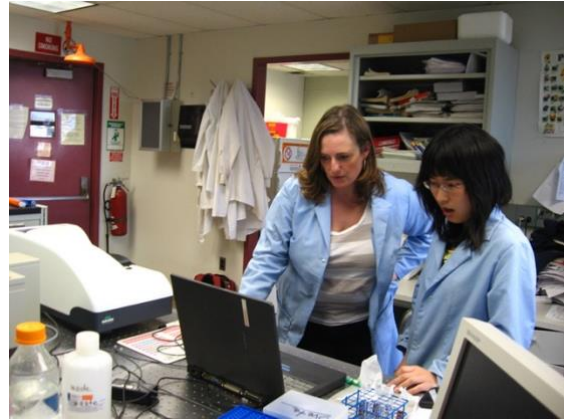
**CHARLES V. SCHAEFER, JR. SCHOOL
OF ENGINEERING & SCIENCE**

Interdisciplinary Research Experience for High School Teachers in Sustainable Energy and Bioengineering

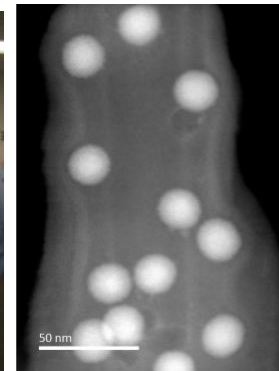
July 5-30, 2021

The Stevens Institute of Technology will offer a summer Research Experiences for Undergraduates (REU) program with a Research Experiences for Teachers (RET) component on Sustainable Energy and Bioengineering. The RET program will run primarily **virtual** between July 5 – July 30, 2021. Teacher participants will:

- Gain knowledge on sustainable energy, nanomaterials, nanotechnology and bioengineering
- Create lesson plans focused on nanotechnology and engineering for high school curriculum
- Work with faculty from chemical engineering, materials science, mechanical engineering, biomedical engineering and chemical biology departments and with undergraduate researchers
- Develop curriculum with The Center for Innovation in Engineering and Science Education (CIESE)
- Present poster at the Virtual Research Symposium
- Participate in a training series on
 - *Incorporating Claims, Evidence, and Reasoning in the Science Classroom*
 - *Managing the Engineering Design Process in Class*
 - *Increasing Formative Assessment Strategies in the Classroom*



The program will offer \$1,000/week for teacher participants for 4 weeks.



For more information or to Apply, please visit
www.stevens.edu/reu-ret

REU/RET Site program funded by NSF.

