

TOMODACHI-STEM

at Lehigh University and Rice University

TOMODACHI-STEM is a leadership and research program for women that combines real-world experience in science and engineering research with an introduction to U.S. higher education and opportunities for career exploration, English language enrichment, cultural engagement and collaboration with U.S. students.

Hosted by Lehigh University in Bethlehem, Pennsylvania, and Rice University in Houston, Texas – two of the top research universities in the U.S. – the program includes a three-week virtual experience and a five-week research internship. It is limited to just 10 participants, allowing for a personalized experience.

2021-2022 Program

September 7-24, 2021
Virtual

Orientation and program foundation

Prepare for the internship and learn about career development, research investigation, team building and cultural exchange

February 12-March 14, 2022
*Lehigh University or
Rice University*

Research experience

Join a U.S. research laboratory and gain hands-on experience under the mentorship of a graduate student and professor

March 15-17, 2022
Houston, Texas

Full cohort experience

Meet full cohort and tour NASA and Dow Chemical

Research Opportunities

Each participant is matched with a research experience that aligns with her academic interests. Host labs are in Lehigh's P.C. Rossin College of Engineering and Applied Science and College of Arts and Sciences and Rice's George R. Brown School of Engineering and Wiess School of Natural Sciences. Possible areas of study include:

- astrophysics and astronomy
- electrical and computer engineering
- biology and behavioral neuroscience
- materials science and nanoengineering
- chemical and biomolecular engineering
- mathematics and statistics
- chemistry
- physics



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PROGRAM COSTS

There is no fee for TOMODACHI-STEM. It includes:

- travel from Tokyo to the U.S.
- double occupancy accommodations
- international health insurance

Program participants are responsible for additional expenses, including:

- travel to and from Tokyo
- passport, SEVIS and visa fees
- lunches and dinners during the five-week internship
- sight-seeing and personal expenses

ELIGIBILITY CRITERIA

The program is open to applicants who are:

- female degree-seeking undergraduate students majoring in science or engineering
- 18 years old or older
- Japanese citizens or permanent residents
- sufficiently fluent in English to successfully conduct research in a U.S. university lab

HOW TO APPLY

The deadline is August 18, 2021. To apply, visit:

go.lehigh.edu/tomodachistem