



CLARE BOOTHE LUCE PROGRAM

Supporting women in science, mathematics and engineering

Since its inception in 1989, the **Clare Boothe Luce Program** has been one of the most significant sources of support for women seeking to study or teach science, engineering, and mathematics. As of 2019, the Clare Boothe Luce Program will have awarded over \$200 million in grants to more than 200 U.S. colleges and universities to support over 2,500 women.

Women comprise nearly half of the faculty in non-science fields at four-year colleges and universities nationwide, but only about a quarter of faculty in mathematics, and an even smaller percentage in the physical sciences, engineering and computer science.

To encourage women to enter science, mathematics and engineering fields, the Clare Boothe Luce Program grants:

- Undergraduate Scholarships/
Undergraduate Research Awards
- Graduate Fellowships
- Assistant/Associate Professorships

PROGRAM DETAILS

- Grants are made only to four-year degree-granting institutions, not directly to individuals.
- Preference is given for support of women in physical science and engineering fields in which women are the most under-represented, e.g., physics, computer science, mathematics, electrical engineering, mechanical engineering, etc.
- Catholic institutions with strong science programs are especially encouraged to apply.
- Recipients must be U.S. citizens or permanent residents.
- Medical and social sciences are excluded.



Undergraduate award recipients often participate in community outreach activities to interest more women in science, mathematics and engineering. Seattle University Undergraduate Research Scholar Suzi Bredberg talks to community members about physics and mechanical engineering at a local science expo.

Women faculty and students bring intellectual capacity and diverse perspectives to the sciences, mathematics and engineering, enriching those professions.

APPLICATION PROCESS

Thirteen educational institutions specifically designated in Mrs. Luce's will receive grants from an initial allocation in perpetuity. Please refer to our website for a list of these institutions.

In addition to the 13 designated institutions, other institutions may apply for Clare Boothe Luce Program support through an annual, open competition that consists of a two-step application process.

STEP 1 : INFORMATION FORM

- All institutions must complete and submit an Information Form through our online application portal.
- Institutions must indicate on the form which category of award is being sought: Undergraduate Scholarships, Undergraduate Research Awards, Graduate Fellowships, or Professorships.



Many Clare Boothe Luce professors are selected for National Science Foundation and other prestigious awards. Mount Holyoke Assistant Professor of Computer Science Audrey Lee-St. John, here in her robotics lab with students, received a five-year CAREER Award from the NSF.

“The prestige associated with the Clare Boothe Luce Professorship has been the single most important factor in helping me to establish myself as a respected member of my department and among colleagues in my field.”

– CLARE BOOTHE LUCE PROFESSOR

STEP 2 : FULL PROPOSAL

- Following a review by the Clare Boothe Luce Program Selection Committee, top-rated candidate institutions in each award category are invited to submit full proposals.
- Full proposals are reviewed by the Clare Boothe Luce Program Selection Committee. Selected institutions are awarded grants, subject to acceptance of terms.

For more detailed information about program guidelines and the application process, please visit our website: <https://www.hluce.org/programs/clare-boothe-luce-program/application-guidelines/>

“The Clare Boothe Luce Program is important because it helps focus the attention of universities on the issue of gender disparities. It provides one more opportunity and incentive to increase their diversity.”

—CLARE BOOTHE LUCE PROFESSOR



Georgetown University Clare Boothe Luce Assistant Professor of Physics Rhonda Dzakpasu utilizes experiments and computational techniques to explore patterns in networks of neurons.



Graduate Fellowship recipients benefit from support at the beginning of their graduate studies, when funds for independent research are rarely available. University of Virginia Graduate Fellow in Astronomy Sandy Liss conducts research at the National Radio Astronomy Observatory in New Mexico.



COURTESY OF THE CLARE BOOTHE LUCE ARCHIVES



CLARE BOOTHE LUCE

Playwright, journalist, Ambassador, and member of Congress, Clare Boothe Luce was one of the most accomplished women of the twentieth century. She appreciated, however, that many women face obstacles in their chosen profession. With her brilliant bequest establishing this program, she sought “to encourage women to enter, study, graduate and teach” in fields where there have been barriers to their advancement: the sciences, mathematics and engineering.

The Clare Boothe Luce Program for women in science, mathematics and engineering is a program of the Henry Luce Foundation.

For more information about the Clare Boothe Luce Program, please visit our website:
<https://www.hluce.org/programs/clare-boothe-luce-program/>

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COVER INSET: Dr. Juliane Strauss-Soukup, Clare Boothe Luce Assistant Professor of Chemistry at Creighton University, with Undergraduate Scholars Natalie German and Kelley Wanzeck.
COVER BACKGROUND: MIT Graduate Fellow in Physics Jenny Schloss works with a laser used to manipulate atoms.

BACK COVER: University of Colorado Clare Boothe Luce Assistant Professor of Physics Cindy Regal received a Presidential Early Career Award for Scientists and Engineers.