



## Description

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### Overview

The NIH/NIBIB funded LSU ESTEEMED (Enhancing Science, Technology, Engineering, and Math Educational Diversity) Program helps first year and second year trainees develop as scholars and scientists. The program supports scholars to learn foundational academic and research skills through academic enrichment, advising, financial support, multimodal mentoring, and training in biomedical research laboratories. Graphic LSU ESTEEMED Scholars participate in a summer bridge program, academic year programming (research, courses, and workshops), and summer research. After two years in ESTEEMED scholars receive priority consideration for other campus UG research programs and apply to the Honors College. The program is designed specifically for students motivated to seek careers in the biomedical and behavioral sciences that require Ph.D. or M.D./Ph.D. degrees.

### ESTEEMED Scholars Receive

Support package valued at ~\$36,000 over 2 years

- \$4,000 to support Summer Bridge Experience for on-campus housing, food, and a stipend
- Monthly support amounting to \$6,000 per semester (\$12,000 per academic year) during freshman and sophomore
- Travel Funds of \$500 per year to attend a national student research conference
- \$4,000 to support participation in a summer research experience and \$500 for travel to the research site
- Personalized 1:1 advising with ESTEEMED faculty and staff

### Eligibility

To qualify for the LSU ESTEEMED program, applicants must:

- Be an incoming first-year student accepted to Louisiana State University.
- Have an interest in a biomedical research career after earning a Ph.D. or MD/Ph.D.
- Be an American citizen or permanent resident.
- Major in bioengineering, medical physics, biological sciences, chemistry, or chemical engineering
- Be available to take part in a five-week summer bridge program (July 7-Aug 10, 2024)
- Be from a group that is underrepresented in the sciences:
  - have a disability recognized by LSU Office of Disability Service
  - **or** are ethnically underrepresented in the sciences (Blacks or African Americans, Hispanics or Latine, American Indians or Alaska Natives, Native Hawaiians and other Pacific Islanders)
  - **or** are financially disadvantaged\*

\*\*The NIH considers scientists to have come from a disadvantaged background if they meet two or more of the following criteria:

- Were or currently are eligible for [Federal Pell grants](#)
- Were or currently are homeless, as defined by the [McKinney-Vento Homeless Assistance Act](#)
- Were or currently are in the foster care system, as defined by the [Administration for Children and Families](#)
- Were eligible for the [Federal Free and Reduced Lunch Program](#) for two or more years
- Have/had no parents or legal guardians who completed a bachelor's degree (see the [U.S. Department of Education](#))
- Received support from the [Special Supplemental Nutrition Program for Women, Infants and Children](#) as a parent or child
- Grew up in one of the following areas:
  - a U.S. rural area, as designated by the Health Resources and Services Administration [Rural Health Grants Eligibility Analyzer](#) **or**
  - a [Centers for Medicare and Medicaid Services-designated Low-Income and Health Professional Shortage Areas](#)(qualifying zip codes are included in the file)

**The deadline to apply is June 5, 2024.**

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**Please note:**

- If all sections of the form are not completed, your application will not be reviewed.
- Some of the questions in this application require longer answers. Before you start, it may be useful to download a PDF of the questions. The PDF can be found at [\(insert link\)](#).
- The application automatically saves, so if you use the same computer, you can come back and work on it later. If you use a different computer, you would have to start over.

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**Personal Information**

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**Name and Contact Information:**

First:

Middle Initial(s):

Last:

Permanent Street Address:

Address Line 2 (apt, building, etc.):

City, State:

Zip Code:

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**Date of Birth: (MM/DD/YYYY)**

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**LSU Email:**

**Mobile Number:**

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**Demographics**

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Describe your citizenship.

U.S. Citizen

U.S. Permanent Resident

 Prefer to self-describe

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Which of the following best describes how you identify your gender?

Woman

Man

 Prefer to self-describe:

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Which of the following best describes how you identify your race? Please select all that apply.

American Indian

Alaska Native

Asian

Black/African American

Native Hawaiian/Other Pacific Islander

White

 Prefer to self-describe

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Which of the following best describes how you identify your ethnicity?

Latine/Hispanic

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Non-Latine/Non-Hispanic

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Are you eligible for Pell Grants?

Yes

No

I don't know

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## Essays

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### Essay Questions

Please complete the following essays.

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What inspires your interest in science and/or engineering? How does your major in science and/or engineering help prepare you for a career in that area? (500 words max)

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Do you have any prior science, math or engineering experiences? If so, please describe. (500 words max)

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Do you have an interest in having research experiences as an undergraduate? If so, why is this important to you? What do you hope to accomplish through your research experiences as an undergraduate? (500 words max)

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What are your goals for your undergraduate and graduate career? What are you doing to pursue your goals? (500 words max)

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## Program Participation

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Can you commit to attending a pre-freshman, 5-week ESTEEMED Summer Bridge Program at LSU?

July 7 - August 10, 2024

Yes

No

Open response

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What method of delivery would be best for your participation in the program?

In-person

Virtual/ Web-based

Open response

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## Block 4

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### Resume

Please upload your resume.

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## Letters of Recommendation

Please submit two letters of recommendation (preferably from science/math teachers). Recommendation letters are to be sent to raeshand@lsu.edu by the application deadline.

I acknowledge.

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## Certification and Release

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### Certification and Release

By typing my name in the box below, I, the undersigned, hereby certify that the above stated and attached information is true and correct to the best of my knowledge.

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**Student Signature:** (Please type full name)

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**Date:**

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**Once you click the next button below, your application will be submitted. Please make sure you are ready to submit.**