Limited Submissions

**Sponsor:** National Institutes of Health (NIH)

**Program:** Team-Based Design in Biomedical Engineering Education (R25 Clinical Trial Not Allowed)

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**Estimated Award Amount:** $200,000 (direct costs)

**JHU Nomination Limit:** 1

For More Detailed Information Click [Here](#)

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**Deadlines:**

- **Internal Application:** April 13, 2021
- **Full Application:** May 28, 2021

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### Opportunity Summary:

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this NIBIB R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To accomplish this, this FOA will support creative educational activities with a primary focus on **Courses for Skills Development**.

This FOA seeks to support programs with innovative approaches to enhance biomedical engineering design education to ensure a future workforce that can meet the nation’s needs in biomedical research and healthcare technologies.

Applications are encouraged from institutions that propose to establish new or to enhance existing team-based design courses or programs in undergraduate biomedical engineering departments or other degree-granting programs with biomedical engineering tracks/minors. This FOA targets the education of undergraduate biomedical engineering/bioengineering students in a team-based environment. While current best practices remain encouraged components of a strong BME program, this FOA also challenges institutions to propose other novel, innovative and/or ground-breaking activities that can form the basis of the next generation of biomedical engineering design education.

Direct costs of up to $20,000 per year may be requested. Programs that include a clinical immersion program outside the academic year and lasting 6 to 10 weeks may request an additional $20,000 to cover participant costs.

### Eligibility & Requirements:

- Individuals selected for participation in this program must be undergraduate students majoring or minoring in biomedical engineering/bioengineering.
- The sponsoring institution must assure support for the proposed program. Appropriate institutional commitment to the program includes the provision of adequate staff, facilities, and educational resources that can contribute to the planned program.
- Institutions with existing Ruth L. Kirschstein National Research Service Award (NRSA) institutional training grants (e.g., T32) or other Federally funded training programs may apply for a research education grant provided that the proposed educational experiences are distinct from those training programs receiving federal support. In many cases, it is anticipated that the proposed research education program will complement ongoing research training.
- The PD/PI should be an established investigator in biomedical engineering or a related field, and should possess relevant experience required to coordinate, supervise, and direct the proposed design course/program and provide administrative and scientific leadership to the development and implementation of the program.
- Mentors should have research, teaching or industry experience relevant to the proposed program and must be committed to continue their involvement throughout the total period of the mentee’s participation in this award.

### Internal Nomination Process:

Interested applicants should submit the following documents:

1. **JHU Limited Submission Cover Sheet**
2. Proposal (maximum of two pages of text only, single spaced: 12-pt font and one-inch margins)
   (Note: figures, tables, and other reference material may be included in addition to the 2 pg. text limit)
3. Curriculum Vitae of investigator, including current external research support and publications
4. **Budget** (two pages maximum)

Questions? Comments? Email the Research Development Team at resapp@jhu.edu.