

Bring your talents to a new opportunity in medical technology and healthcare solutions. Rooted in a new mission to drive innovation in medical technologies for pediatric application. The Center for Medical and Engineering Innovation (CMEI) and the Midwest Pediatric Device Consortium (MPDC) support your growth through training, mentorship, and guidance you need to own your future success. Join us for a summer experience in helping to change people's lives.

The Summer Associates in the *Engineering Into Medicine Program* will provide technical, educational and research support to assist MPDC and CMEI in the fulfillment of team objectives to develop, produce and commercialize pediatric medical devices. CMEI encourages the creation, development and translation of research and education occurring at the intersection of medicine and engineering. MPDC, supported by a \$6.95 million grant from the Food and Drug Administration, is led by investigators from OSU, Nationwide Children's Hospital, Cleveland Clinic Children's, Cincinnati Children's and numerous industry partners. MPDC's goal is to increase the number pediatric medical devices across the nation.

The purpose of this program is to support OSU undergraduate and graduate students in a paid summer work program focusing on advancing scientific, engineering and entrepreneurial concepts into medical applications. Summer Associates will engage in a full-time summer position from approximately May 1, 2024 to August 15, 2024 working on projects directly integral to activities of the MPDC and CMEI. This program is intended to enhance, and synergize with, the student education experience by providing real-world working opportunities in "engineering into medicine" applications via interactions with, and exposure to, laboratory, corporate, regulatory and intellectual property concerns. Summer Associates will work directly with mentors in developing and implementing resources for MPDC and CMEI that directly contribute to the advancement of medical device development for entry into the marketplace.

Successful applicants must meet the following basic qualifications as evident on their resume.

- Pursuing a degree in Biomedical Engineering/ Engineering Field (Bachelor's or higher)
- At a minimum have completed Junior year of college at the start of the program (or equivalent of having one final year to degree completion)
- Willingness to work on both OSU and Nationwide Children's Campuses

Successful applicants may also demonstrate a number of desired or preferred qualifications.

- Excellent interpersonal, written/verbal communication skills
- Ability to coordinate/participate in numerous tasks/projects in a fast-paced environment in an organized manner while meeting deadlines
- Strong communication skills and work ethic
- Self-motivated
- High level of learning agility
- Demonstrated leader and collaborator through group projects
- Involved in extra-curricular activities

***In order to apply, please submit a current resume and a 1-page cover letter indicating experience, skills, qualifications, career interests. Please provide the names of 2 OSU faculty or work references. Submit materials by email to [cmei@osumc.edu](mailto:cmei@osumc.edu) by February 23, 2024.***