

Bottorff Fellowship Application Form

The [Bottorff Graduate Fellowship Program](#) is designed to increase the number of Purdue engineering graduate students focused on medical technology innovation and clinical translation. The program focuses on clinical experiences, translational strategies, and regulatory insights. Funds to support a summer clinical immersion experience are available to help students who are still in the early stage of their research gain clinical exposure at the Indiana University School of Medicine (IUSM). This full-time 8-week summer clinical immersion experience will be followed by a fall class focused on biomedical product translation (BME 56100 Preclinical and Clinical Study Design or BME 59500 Biomedship). Finally, a spring [Regulatory](#) class (BME 56200 Regulatory Issues Surrounding Approval of Biomedical Devices) will help fellows understand the workings of the US FDA and other regulatory agencies and the steps needed for clinical translation.

Each Bottorff fellow must be co-mentored by two faculty members: one in the Purdue College of Engineering and one in the Indiana University School of Medicine. Fellows will also be assigned an external industry mentor who is available to help with innovation, project planning, clinical exposure, network building, industry awareness, and general career advice.

To apply for this program a Purdue University College of Engineering graduate student should complete this form (*one-page limit*) and attach their 1) resume/CV and 2) a letter of support from their research advisor or program administrator. Since fellows will receive a scholarship to support their tuition and living expenses in the summer semester for full-time clinical immersion, it is important applicants speak with their research mentors and/or program advisors.

Applicants should submit this form electronically with student's resume/CV as one PDF to Cindy Holderbaum (cholderb@purdue.edu) by **March 8, 2024**.

Graduate Student Applicant Name and Affiliation:

Purdue Faculty Mentor/Administrator and Affiliation:

Clinical Area(s) of Interest (include IUSM clinical mentor(s) if already identified):

Program Interest: Why are you interested in participating in the Bottorff Graduate Fellowship Program?

Program Support: Is your research advisor/program administrator supportive of you being involved full-time in the clinical immersion program during summer 2024?

Project Description: Provide a brief statement of the *collaborative research innovation project* that you are interested in developing during the fellowship period. The statement could include the clinical problem/need to be considered, innovative approach, potential for translation, and a brief statement on the expected timeline. Alternatively, provide a description of how the clinical immersion experience will contribute to your *career goals and career plans related to medical technology innovation and clinical translation*.