

2025 BioTrain Graduate Fellows: Call for Applications

Location: Purdue University West Lafayette

Commitment: Minimum 3 Semesters starting as early as Summer 2025

The **BioTrain Graduate Fellows program** is a unique opportunity for up to five qualified Fellows to gain hands-on training and teaching experience in pharmaceutical manufacturing through EDA Heartland Biowork tech hub <https://www.heartlandbioworks.com/>. The fellowship begins with a BioTrain professional development course during which Fellows receive instruction to prepare for leading pharmaceutical manufacturing training and short courses. Fellows will apply their training by teaching undergraduate students and industry trainees, developing and contributing to Heartland Bioworks workforce development activities. This fellowship provides qualified graduate students with valuable experience in modern bio/pharmaceutical manufacturing, teaching experience and student mentorship in an industry facing environment with networking opportunities, all while fostering professional growth in their field of study.

Benefits:

- A stipend of \$45,000 per year plus tuition remits is provided in the form of 50% FTE Graduate Assistantship. A prorated appointment at 25% FTE Graduate Assistantship or for candidates at the postdoctoral level is possible when complemented with other funding related to pharmaceutical manufacturing research
- Training on transferable skills in advanced manufacturing of pharmaceuticals
- Opportunity to enhance communication and leadership skills
- Networking opportunities with industry representatives and academic community

Responsibilities:

- Successfully complete BioTrain professional development course
- In coordination with BioTrain Faculty Director and Training Manager assist in development and delivery of BioTrain curriculum and assessments
- Provide academic support and mentorship to undergraduate students pursuing Pharmaceutical Manufacturing certificate
- Grade assignments, exams, and quizzes, ensuring timely and fair evaluation
- Participate in program meetings and training sessions as required

Qualifications & Skills:

- Enrollment in a graduate program at Purdue University, in life sciences, pharmacy, engineering or technology fields
- Strong academic and research background relevant to life sciences and pharmaceutical manufacturing

- Prior relevant industry or PhD-level research collaboration experience is preferred
- Excellent communication and interpersonal skills
- Ability to manage time effectively and work both with a team and independently

Applications should be submitted by **April 18, 2025** using the Qualtrics survey

https://purdue.ca1.qualtrics.com/jfe/form/SV_dmP0ZL9HRtgTQpM providing the following documents:

- Cover letter describing candidate's interests and qualifications
- Candidate's curriculum vitae
- Documented approval of application from candidate's faculty advisor or department head