



Weldon Graduate Program Announcements October 5th, 2022

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Career and Internship Opportunities

Internship Positions

- [Biomedical Engineering Intern, Helmer Scientific](#)
- [Summer 2023 Intern, Biomedical and Chemical, Regeneron](#)
- [Engineering Intern, BD](#) (several locations available)

Postdoctoral Positions

- [Postdoctoral Researcher, Synthetic Biology and Metabolic Engineering, NREL](#)
- NPA Website: <https://careers.nationalpostdoc.org/jobs/>

Full time Positions

- [Associate, Data Scientist/Biomedical Engineer, MIT Lincoln Laboratory](#)
- [Scientist III or Senior, PackGene Biotech](#)
- [Engineer II, Tellus Solutions](#)
- [Scientist, Tissue Engineering, Scismic](#)
- [Research Engineer, Microfluidics, FLUX](#)
- [Sr. R&D Microfluidics Engineer, Chronus Health](#)
- [Technical Development Associate, Engineer, Genentech](#)
- [R&D Engineer, Drug Delivery/Medical Device, BioLink 360](#)
- [Staff Product Development Engineer \(Biology\), BD](#)
- [Clinical Engineer, GRSi](#)

- [Product Development Engineer, Nordson](#)
- [Chemical/Biochemical Engineer, Eurofins Scientific](#)
- [Staff Design Engineer, Stryker](#)
- [Cell Culture Engineer, ACL Digital](#)
- [Product Development Engineer, Volk Optical](#)
- [Purdue Start-up Job Board](#)—Foundry Start Up Companies Looking to Hire
- [ACTS Career Center](#)—Association for Clinical and Translational Science
- [Doc Jobs](#)—Jobs beyond traditional clinical and academic roles

CHE Elective for Spring 2023 (CHE 59700)

See attached

Engineers are integral to the healthcare industry in numerous ways and a significant number of engineering graduates enter the healthcare workforce to make important contributions in numerous ways. An understanding of the dynamics of healthcare delivery can provide insights that further enhance the role that engineers play. The overall purpose of this course is to provide a “real world” overview of healthcare delivery in the United States (US). The topics initially covered include the major medical product segments, namely the pharmaceutical and medical devices industries. The structure of companies operating in these sectors along with the regulatory framework which governs them will be discussed. Health economic considerations, including product costs and reimbursement along with issues related to insurance coverage, will also be covered. Following a focused review of relevant physiology and pathophysiology, a series of critical medical conditions having the highest impact on the US healthcare system are discussed. These diseases include coronary artery disease, heart failure, diabetes, cancer, obesity, Alzheimer’s disease, chronic kidney disease, stroke, arthritis, sepsis, and acute kidney injury. The final aspect of the course is a team project, in which an engineering solution is proposed to address an unmet clinical need for one of major conditions discussed.

InnovatED Information – Seeking Article Submissions

The Graduate School is seeking article submissions for the 2022-23 edition of its graduate research magazine, InnovatED! InnovatED is Purdue University’s premier graduate research magazine. Its mission is to showcase the influential and inspirational graduate research conducted at our university. Each publication features ten students, selected by Graduate School leadership.

Graduate Students:

What’s Required?

- Submissions should be in the form of a popular press piece and should consist of 700 to 800 words. To get an idea of how submissions should be formatted, students can check out the 2021- 22 edition of InnovatED.

Why Submit?

- The student author or co-authors selected will receive an award of \$250 per accepted manuscript, with the cover story receiving \$500.
- Students selected for publication will receive one-on-one coaching focused on communicating complex information to a lay audience.
- Research published in InnovatED is shared widely, reaching readers in more than 45 countries.

The submission deadline for the 2022-23 Edition is **November 11**. Those interested can learn more and submit at the following link: <https://www.purdue.edu/gradschool/professional-development/innovated.php>

BMES Annual Meeting Special Session on Mentoring

See Attached

Webinar: Career Pathways – Regulatory Affairs and Clinical Research

Webinar: Career Pathways – Regulatory Affairs and Clinical Research

3rd Nov, 4 pm, Eastern time, USA

3rd Nov, 9 pm, Europe

3rd Nov, 12 midnight, Middle East

4th Nov, 7 am, Sydney, Australia

Link: <https://uni-sydney.zoom.us/j/83264708282?from=addon>

Presenters:

Monique Carter is a Regulatory Scientist. She is currently a Senior Director and Global Lead at Pfizer in Global Regulatory Affairs – Global Product Development in Internal Medicine. At Pfizer, Monique leads innovative and adaptive drug development strategies ranging from the early investigational space through post marketing approval. Prior to joining Pfizer, Monique worked as a cross-functional regulatory and clinical development strategy team leader across the drug development continuum spanning a host of therapeutic areas in global biotechnology investment firm and management consulting settings. Monique is an appointed member of the RAPS Regulatory Focus Editorial Advisory Committee. She holds a BA in Biochemistry and Physics from Baylor University and a MS in Biotechnology with a concentration in Regulatory Science from Johns Hopkins University. She has been recognized as a global leader in regulatory affairs by her RAPS recognition as a Fellow.

Jessica Fritter received her Bachelor's in Communication Studies from the University of North Carolina Wilmington and obtained her Master of Applied Clinical and Preclinical Research from The Ohio State University. She is currently completing her Doctor of Health Sciences at Eastern Virginia Medical School. She has her Association of Clinical Research Professionals (ACRP) - Certified Professional Certification. Jessica is on the Faculty at The Ohio State University, Master of Clinical Research program where she teaches and creates courses on clinical research. She has managed multimillion dollar infrastructures and clinical trial budgets along with overseeing a core infrastructure of regulatory affairs, clinical research training, compliance, business operations, clinical trial management systems, feasibility, and program management. She has extensive experience in study feasibility, creating training programs, writing grants, grants management, study start up through close out for federal RCTs, industry sponsored trials, and internal collaborative studies.

Workshops and Deadlines

Here are some upcoming workshops and deadlines more detailed information about the workshops will be sent out separately closer to the event.

October 5 th	What you NEED to Know About Thesis Formatting and Depositing Q&A Session (Grad School)
October 5 th	Mentorship Training for Postdocs (Grad School)
October 5 th	Citation Management with Zotero (Grad School)
October 5 th	Intro to Hyperparameter Optimization: Bayesian Optimization (Grad School)
October 5 th	Imposter Syndrome (Grad School)
October 5 th	Texas BME Graduate Student Panel Admissions Q&A (Register Here)
October 6 th	What you NEED to Know About Thesis Formatting and Depositing Q&A Session (Grad School)
October 6 th	AARCC Speaker Dr. Fredy Gonzalez
October 6 th	Lunch & Learn: Lane Yahiro
October 6 th	How to Condense a Fellowship Draft to Meet Page Requirements (Grad School)
October 6 th	Chinese Mexicans and Mixicandad with Dr. Freddy Gonzalez (LCC)
October 6 th	Deadline to sign up for alternative career panel
October 6 th	Introduction to Graduate Writing Workshop

October 7 th	LinkedIn (Grad School)
October 7 th	Global Academic Careers: The professoriate beyond the US (CCO)
October 7 th	Coffee with the Dean (Grad School)
October 7 th	Improv Techniques for the Researcher (Grad School)
October 10 th	The Academic Job Market & Interview: An Overview (Grad School)
October 11 th	Fall Blitz: Free the PhD Career Workshop (Learn More)
October 12 th	Elevator Pitch Workshop (Grad School)
October 12 th	F-1 Student Career Planning: Grad Edition (Grad School)
October 12 th	Mentoring Dialogues (Grad School)
October 12 th	Healthy Eating on Run
October 13 th	Success Over Stress (Grad School)
October 13 th	Lunch & Learn: Mahit Vaddadi
October 13 th	An Evening of Poetry and Reflection with Julian Randall (LCC)
October 13 th	GREAT Outreach Committee Virtual Q&A Session (Learn More)
October 13 th	Introduction to Graduate Writing Workshop
October 14 th	The Dark Side of Development: When Mentoring is Problematic and What to do About it (Grad School)
October 14 th	Career Strategies: the unwritten rules to maximize growth and advancement in industry (CCO)
October 15 th	Deadline to apply for OIGP Travel Grant: (OIGP)
October 17 th	Semiannual Graduate Student travel award submission deadline (Butler Center)
October 18 th	2022 Purdue Innovative Tech – Virtual Career Fair
October 18 th	Break Out from Burn Out (Grad School)
October 18 th	Purdue Innovative Tech Virtual Career Fair (CCO)
October 18 th	Setting Yourself Up to Win in Grad School (Grad School)
October 18 th	Converting your CV to a Resume (Grad School)
October 18 th	3MT Prep Session: Successful Visual Aids (Grad School)
October 19 th	Diet, Stress & Emotional Eating (Grad School)
October 19 th	How to Write a Diversity Statement (Grad School)
October 20 th	Budgeting and Saving Money (Grad School)
October 20 th	Lunch & Learn: Dr. Mojgan Sarmadi
October 20 th	Introduction to Graduate Writing Workshop
Oct 20 th – 21 st	Chicagoland Postdoc Virtual Recruitment Initiative
October 21 st	HR: Behind the Scenes of the Recruitment Process (CCO)
October 21 st	RCHE Graduate Student Seminar Series October Presenters (RCHE)
October 24 th	AARCC Speaker Dr. Clair Jean Kim
October 25 th	3MT Prep Session: Delivery Tips & Tricks (Grad School)
October 25 th	Business Meal Etiquette (Grad School)
October 25 th	Using Data to Tell a Story (Grad School)
October 25 th	Credit Cards and Credit Scores (Grad School)
October 25 th	Fellowship Office Hour for Grad Students & Postdocs (Grad School)
October 25 th	Purdue Pharma/Life Sciences Career Fair (CCO)
October 25 th	Finding Your Teaching Mentor (CIRTL)
October 25 th	Texas BME Faculty Panel Admissions Q&A (Register Here)
October 25 th	Texas BME Graduate Student Panel Admissions Q&A (Register Here)
October 26 th	Eat Right When Your Budget is Tight (Grad School)
October 26 th	AARCC Speaker Dr. Todd Honma
October 26 th	Navigating Databases and How to Conduct a Literature Search (Grad School)
October 26 th	Building Healthy Mentorship Relationships – Grad Mentorship Seminar Series
October 27 th	How to Write a Teaching Philosophy (Grad School)
October 27 th	Caring for Self and Others (Grad School)
October 27 th	Introduction to Teaching at a Community College (CIRTL)

October 27 th	Introduction to Graduate Writing Workshop
October 28 th	Engineer Your Career Workshop (CCO)
October 31 st	Deadline to apply for Postdoc opportunities at Baylor College of Medicine (Learn More)
November 1 st	Ford Foundation Fellowship Info Session (Grad School)
November 1 st	Conducting a Literature Review (Grad School)
November 1 st	Finding Your Teaching Mentor (CIRTL)
November 2 nd	AARCC Speaker Dr. Jenny Wang
November 2 nd	Getting Started with Universal Design for Learning (CIRTL)
November 2 nd	Dia De Los Muertos (LCC)
November 2 nd	Big Read Capstone: A Virtual Conversation with Silvia Moreno Garcia and Q&A (LCC)
November 3 rd	Lunch & Learn: Dr. Mindy Tan
November 3 rd	Preparing a Teaching Demonstration (Grad School)
November 3 rd	Postdoc Grant Writing: Language and Style, Extreme Editing (Grad School)
November 3 rd	Webinar: Career Pathways – Regulatory Affairs and Clinical Research
November 4 th	Webinar: Career Pathways – Regulatory Affairs and Clinical Research
November 4 th	Tough Soft Skills: Advocacy and Mentorship in the workplace (CCO, details coming soon)
November 8 th	Career Networking in the US: International Student Workshop (CCO)
Nov. 8 th & 9 th	ABRCMS Graduate Symposium
November 9 th	Ford Foundation Fellowship Info Session (Grad School)
November 9 th	Mentoring Dialogues (Grad School)
November 9 th	Getting Started with Universal Design for Learning (CIRTL)
November 9 th	Diversity & Inclusion in Mentorship Relationships – Grad Mentorship Seminar Series
November 10 th	Imposter Syndrome (Grad School)
November 10 th	LinkedIn (Grad School)
November 10 th	Lunch & Learn: Dr. Hwanseok
November 10 th	Getting Hired at a Community College: Tips and Strategies from Faculty on Hiring Panels (CIRTL)
November 10 th	Coffee Chat in MJIS 3041 – Faculty Hosts: Hugh Lee, Taimoor Qazi, & Steve Steinhubl
November 11 th	Improv Techniques for the Researcher (Grad School)
November 11 th	Submission deadline for InnovatED Graduate Research Magazine 2022-23 edition (Grad School)
November 15 th	Fellowship Office Hour for Grad Students & Postdocs (Grad School)
November 17 th	Comparing Job Offers (Grad School)
November 17 th	Lunch & Learn: Mili Jha
November 17 th	Evaluating and Negotiating a Job Offer (Grad School)
Nov. 18 th & 19 th	2022 Rising Stars in Engineering in Health Workshop hosted by JHU & Columbia
November 21 st	NAECC and AARCC Friendsgiving
November 30 th	Mentorship Training for Postdocs (Grad School)
November 30 th	Preparing to Buy a House (Grad School)
November 30 th	Publishing a Scientific Paper (Grad School)
November 30 th	Coffee with the Dean (Grad School)
December 1 st	The Cover Letter (Grad School)
December 1 st	Lunch & Learn: Maria Whipple, M.A.
December 1 st	Talk it Out (Grad School)
December 1 st	Equity, Diversity, and Inclusive Teaching in the Community College Setting (CIRTL)
December 5 th	Let's Talk Taxes (Grad School)
December 5 th	Ethical Dilemmas in Inclusive Teaching: Difficult Dynamics in the Lab (CIRTL)
Dec. 5 th – 8 th	Comida Para Estudiar (LCC)
Dec. 5 th – 9 th	De-Stress Week of Events (AARCC)
December 8 th	Coffee Chat in MJIS 2041 – Faculty Host: Deva Chan

Please inform Tammy of honors, awards, or other accolades (to include having a paper published) you receive so that the Weldon School may recognize your accomplishments. Send the complete information – specific title and nature of the award, name of conference or event at which award was given, date of said event, photograph if available, etc. – to tsiemers@purdue.edu.