



Weldon Graduate Program Announcements October 18th, 2023

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Career and Internship Opportunities

Internship Positions

- [R&D Engineering Co-op, Fresenius Medical](#)
- [Co-op Intern, Hikma Pharmaceuticals](#)
- [Grad Intern, Immunology, Amgen](#)
- [Grad Intern, Lead Discovery & Characterization, Amgen](#)
- [Grad Intern, Cell-Free Protein Expression, Amgen](#)
- [Biomedical Engineering Intern, Batelle](#)
- [Biomedical Engineering Intern, Gradient Medical](#)
- [Engineering Summer Internship Program, Edwards Lifesciences](#)
- [Lean Engineering Intern, Beckman Coulter Diagnostics](#)
- [R&D Engineering Co-op 2, Fresenius Medical Care](#)
- [Co-op, Life Cycle Engineering, R&D, Insulet](#)
- [MSAT Intern, Humacyte](#)
- [Biomedical Engineering Intern, Life Sciences Solutions, Trane](#)
- [Biomedical/Tissue Engineering, Research and Development Intern for spring \(January-April\) 2024, Redwire Space](#)
- [Imaging Intern, Medpace](#)

Postdoctoral Positions

- [Postdoctoral Scientist, Bioengineering, CrossLife Technologies](#)
- [Postdoctoral Fellow, Bioengineering, Berkeley Lab](#)
- NPA Website: <https://careers.nationalpostdoc.org/jobs/>

Full Time Positions

- [mRNA Scientist, Enzyme Engineer, Vaccine, Sanofi](#)
- [Assistant Professor, Disability Independence, Lehigh University](#)
- [Development Senior Engineer I, Zimmer Biomet](#)
- [Senior Mechanical Engineer, Ovyi](#)
- [R&D Engineer I, Medtronic](#)
- [Scientist II, Protein Engineering, ElevateBio](#)
- [ProBio-Scientist, Process Development, GenScript](#)
- [Mechanical Engineer I, Vertos Medical](#)
- [Purdue Start-up Job Board](#)—Foundry Start Up Companies Looking to Hire
- [ACTS Career Center](#)—Association for Clinical and Translational Science
- [Academic Careers](#)
- [Doc Jobs](#)—Jobs beyond traditional clinical and academic roles

CHE Elective for Spring 2024

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.

Graduate Professional Development Newsletter (October 13)

[Graduate Professional Development Newsletter \(October 13\)](#)

Featured Database: Sage Skills: Business

Parrish Library’s Featured Database will give you a very brief introduction to the basic features of one of our specialized subscription databases. This time we’re featuring a newly acquired resource, Sage Skills: Business, brought to you by Sage Publications.

Focus

Sage Skills: Business provides easy access to a range of multimedia content in the areas of data analytics, entrepreneurship, leadership, organizational communication, and professionalism that helps students develop high-demand skills needed to transition from campus to the workplace.

Access

The [List of Business Databases](#) is the alphabetical list of the databases specially selected for those in a business program of study. Access the databases off-campus with your Purdue Career Account.

Tutorial

Click [Getting Started with Sage Skills: Business](#) to watch the basics of using this database.

Related Resources

Some other resources you might want to explore are:

- (New!) [Sage Business Cases](#), 2022 and 2023 edition of Sage Business Cases covering topics such as accounting, business ethics & corporate social responsibility, entrepreneurship, finance, and much more.

Featured Database comes to you from the Roland G. Parrish Library of Management & Economics. If you would like more information about this database, or if you would like a demonstration of it for a class, contact parrlib@purdue.edu. Also let us know if you know of a colleague who would benefit from this, or future Featured Databases.

Since usage statistics are an important barometer when databases are up for renewal, tell us your favorite database, and we will gladly promote it. Send an email to parrlib@purdue.edu.

Chateaubriand Webinar - October 24, 2023

See attached

The webinar will be held on the **24th of October, 2023 at 11:45am EST**. It will conclude at 12:30pm EST. This will be an online information session about the Chateaubriand STEM fellowship, as well as the chance to hear from former laureates about their experiences conducting research in France.

Please feel free to register for this event, and to share it within your university system, students, colleagues, or anyone you think might be interested!

Individuals must fill out the Google Questionnaire to receive the Zoom link, which will be provided closer to the webinar date. That link is found in the attached PDF, but can also be found here <https://forms.gle/spFNqBojTVAp2eZW9>.

The website for the Chateaubriand Fellowship is also available in the flyer, [and here](#).

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.

Oct. 18 th	Purdue Grad WiE Pop-In
Oct. 18 th	Budgeting and Saving Money (Grad School)
Oct. 18 th	Clustering Techniques in Machine Learning (Grad School)
Oct. 18 th	Conducting a Literature Review (Grad School)
Oct. 18 th	Entrepreneurship as a Career Path (Grad School)
Oct. 18 th	Healthy Eating on the Run (Grad School)
Oct. 19 th	Preparing for Academic Interviews (Grad School)
Oct. 20 th	Conference Paper Writing and Presenting: Strategies for Success (Grad School)
Oct. 20 th	Mentoring Dialogs (Grad School)
Oct. 23 rd	Preparing to Buy a House (Grad School)
Oct. 25 th	How to Write a Teaching Philosophy (Grad School)
Oct. 25 th	Introduction to PyTorch 2 (Grad School)
Oct. 26 th	3MT Prep Session: Identifying the Problem/Solution Structure (Grad School)
Oct. 26 th	Copyrights: An Overview for Scholars (Grad School)
Oct. 26 th	Impostor Syndrome (Grad School)
Oct. 26 th	Life Science Workforce Symposium (Register Here)
Oct. 27 th	Business Meal Etiquette (Grad School)
Oct. 30 th	Preparing to Buy a Car (Grad School)
Oct. 31 st	Improv Techniques for the Researcher (Grad School)

Oct. 31 st	Preparing a Teaching Demonstration (Grad School)
Oct. 31 st	Deadline to apply for Consolidated Nuclear Security summer internship (Pantex Plant)
Oct. 31 st	Deadline to apply for Consolidated Nuclear Security summer internship (Nat. Security Complex)
Nov. 1 st	Introduction to Deep Learning (Grad School)
Nov. 1 st	Mentoring Dialogs (Grad School)
Nov. 3 rd	Deadline to apply for PROS Program at Baylor College (Apply Here)
Nov. 6 th	Debt Management (Grad School)
Nov. 7 th	3MT Prep Session: Identifying the Problem/Solution Structure (Grad School)
Nov. 8 th	Introduction to Transformer Neural Network (Grad School)
Nov. 8 th	Let's Talk Taxes (Grad School)
Nov. 9 th	3MT Prep Session: Successful Visual Aids (Grad School)
Nov. 9 th	Copyrights: An Overview for Scholars (Grad School)
Nov. 10 th	Purdue Grad WiE Pop-In
Nov. 10 th	RCR: Discipline-Specific Training (Grad School)
Nov. 10 th	Deadline to submit an article to InnovatED (Submit Here)
Nov. 13 th	Abstract Submission Deadline, 2024 Grad WiE Network Symposium (GWEN)
Nov. 13 th	Breakout from Burnout (Grad School)
Nov. 14 th	3MT Prep Session: Successful Visual Aids (Grad School)
Dec 6 th	Purdue Grad WiE Pop-In (GWEN)
Feb. 13 th	2024 Grad WiE Network Symposium (GWEN)

News from You

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.