Weldon Graduate Program Announcements
December 10th, 2025

Career and Internship Opportunities

Internship Positions

- Research Intern, Small Scale Bioprocessing, Sartorius
- Process Development Spring 2026 Co-op, Vertex Pharmaceuticals
- Research Intern, Siemens Healthineers
- Intern, Research, Discovery Sciences & Technology, Gilead Sciences
- Medical Affairs Summer Intern, Nuvation Bio
- Clinical R&D Summer Intern, Nuvation Bio
- Research and Development Intern, Thermo Fisher Scientific

Postdoctoral Positions

- Postdoctoral Associate, Quantitative Health, University of Florida
- NPA Website: https://careers.nationalpostdoc.org/jobs/

Full Time Positions

- R&D Engineer III, 3D Printing, Align Technology
- Principal Researcher, Medical Imaging Instrumentation and Reconstruction, Microsoft
- Assistant Professor, Biology & Biomedical Engineering, Boston University
- R&D Engineer II, Evergen
- BME Faculty Jobs List
- 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

Graduate Course in Data Science, Spring 2026

Practical Biocomputing
Biol59500-091 (CRN:28015)
(Practical Bio Comput - 28015 - BIOL 59500 – 091)
No previous programming experience is assumed or required

Computational skills are necessary for a career in modern science. Electronic resources and high-throughput technologies are transforming biology; becoming a "power user" of these resources is essential. Unfortunately, such resources are often incomplete (requiring various sources to be combined), massive (making it difficult to find the specific information one is seeking), or in the wrong format (making them incompatible with other software).

While not every scientist needs to develop their own applications, dealing with big data and modern approaches to data analysis frequently requires the use of scripts to manipulate large datasets. Languages such as Python and R are the most widely used scripting languages in life sciences today.

While *Practical Biocomputing* is not a "bioinformatics" course *per se*, many of the examples are drawn from this field – The course is intended to give you the skill and experience needed to acquire, clean, and manipulate essential data, including

- How to automate analyses
- How to transform data between formats needed for software packages
- How to use scripts to find and retrieve data from electronic sources
- How to create internet robots to automatically retrieve and integrate data
- Basic principles of relational databases and how to integrate database analyses with calculations
- How to create and manage pipelines and workflow for running complex series of software
- to create programs to automate analyses
- to use python transform data between formats needed for software packages
- to create scripts to find and retrieve data from electronic sources
- to create internet robots to automatically retrieve and integrate data
- to create simple relational databases and integrate database analyses with calculations using SQL and Python
- to create and manage pipelines and workflow for running complex series of software

Syllabus (approximate):
· Week 1 – Introduction to Python: variable types, mathematical and logical operators, sorting lists
· Week 2 – definition of truth, logical tests, looping, programming style
· Week 3 – dictionaries, reading and writing files, string matching
· Week 4 – Sorting, functions/subroutines/packages
· Week 5 –complex data structures
· Week 6 – More complex data structures
· Week 8 – string processing, command line options
· Week 9 – interaction with OS, using Python as a glue language, coding strategies
· Week 10 – Internet programming, user-agents, HTML
· Week 11 – SOAP and REST web services, XML processing, introduction to RDBMS
· Week 12 – RDBMS, basic database structures, SQL queries
· Week 11 – Object oriented approaches
· Week 13 – Graphics
And much, more!

2026 Neuroscience Workshops at the Allen Institute

2026 Neuroscience Workshops at the Allen Institute

We are excited to share with you a number of our 2026 neuroscience workshops and events which are currently accepting applications. We have programs for neuroscientists at every career stage and encourage you to explore the list and apply.

All events are hosted at the Allen Institute in Seattle, Washington unless otherwise noted. There is no fee to apply or attend, though accepted attendees are responsible for their own travel costs, with some travel support available.

ABE 59100 course - Spring 2026

See attached

GradBridge Mentoring Circles: Purdue + UC Berkeley Career Mentoring for Graduate Student Engineers

Help shape the future of engineering! Join our new career mentoring initiative from Purdue and UC Berkeley. Just a small time commitment, no need to be affiliated with either school—big impact, little lift. *Be the mentor you wish you had!*

Why Participate as a Mentor?

- Share your career journey and help guide future engineers
- Engage with graduate students and postdocs from two leading engineering institutions
- Expand your own professional network and connect across disciplines

GradBridge: Engineering Career Mentoring Circles connects graduate students and postdocs with professionals and faculty mentors who can share insights into career paths in engineering. The program provides space for interactive conversations on career exploration, professional growth, and navigating transitions into academia, industry, government, and entrepreneurship.

What: Mentoring Circles will be made up of ~8 graduate students/postdocs and two professionals who will serve as mentors. GradBridge will provide a sample schedule and discussion topics to guide each meeting.
When: Three 1.5-hour meetings during February 2026 (Tuesdays Feb 10th, 17th, and 24th) from 7-8:30pm eastern. Optional Kickoff Meeting on Tuesday Feb 3rd. All sessions are held virtually on Zoom.

Deadline: Monday, January 5, 2026, by 8:00am EST. This program is dependent on mentor participation, if you know that you want to participate, then don't wait! Apply now!
Selection: Selected mentors will be notified by the end of January 2026.

Who can be a mentor?
You do not need to be affiliated with Purdue or UC Berkeley. We are eager to build a large community of mentors, drawing from many disciplines and professional pathways. Whether you are in academia, industry, government, or entrepreneurship or something different, your perspective is valuable.

Sign up to be a GradBridge Mentor here: https://purdue.ca1.qualtrics.com/jfe/form/SV_0TwZNj0rTkmLLts

We look forward to bridging Purdue and UC Berkeley talent to prepare the next generation of engineering leaders. Don't miss out on this new opportunity!

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.

Dec. 12th Postdoc Power Session (GSPD)

Jan. 6th	Strategic Postdoc-ing: Consulting Hour (In-Person) (GSPD)
Jan. 6th	Strategic Postdoc-ing: How to Plan for Training Success (In-Person) (GSPD)
Jan. 7th	Postdoc Orientation: Employment Focus (GSPD)
Jan. 7th	Postdoc Orientation: Success Focus (GSPD)
Jan. 12th	Computational Research PhD Fellowships Info Session (GSPD)
Jan. 13th	How to Find and Prepare for Fellowship Applications (GSPD)
Jan. 13th	Strategic Postdoc-ing: Consultilng Hour (In-Person) (GSPD)
Jan. 13th	Strategic Postdoc-ing: How to Plan for Training Success (In-Person) (GSPD)
Jan. 14th	Interactive Fellowship Office Hour (GSPD)
Jan. 15th	Credit – Understanding Cards & Scores (GSPD)
Jan. 15th	Sleeping for Success (GSPD)
Jan. 16th	Coffee & Conversation with Vice Provost Oliver (GSPD)
Jan. 16th	Research with Scite.ai (GSPD)
Jan. 20th	AI Tools for Lit Reviews (GSPD)
Jan. 20th	MoISSI Fellowship Information Session (GSPD)
Jan. 20th	NCR-SARE Fellowship (Agricultural Research) Info Session (GSPD)
Jan. 21st	NIH Fellowship Opportunities for PhD Candidates and Postdoctoral Scholars (GSPD)
Jan. 21st	Purdue OWL: Academic Cover Letter (GSPD)
Jan. 21st	Surviving to Thriving in Graduate School (GSPD)
Jan. 22nd	Convert your CV to a Resume (GSPD)
Jan. 22nd	Quad Fellowship Information Session (GSPD)
Jan. 23rd	Let's Talk Taxes (GSPD)
Jan. 23rd	NIH Fellowship Opportunities for Grad Students (GSPD)
Jan. 26th	Imposter Syndrome – CAPS (GSPD)
Jan. 26th	Mindfulness (GSPD)
Jan. 27th	Boiler Up & Intervene (GSPD)
Jan. 27th	Building a Network – Understanding Your Network
Jan. 27th	LinkedIn (GSPD)
Jan. 27th	Preparing for Academic Interviews (GSPD)
Jan. 28th	Debt Management (GSPD)
Jan. 28th	Strategic Postdoc-ing: Consulting Hour (In-Person) (GSPD)
Jan. 28th	Strategic Postdoc-ing: How to Plan for Training Success (In-Person) (GSPD)
Jan. 28th	The Cover Letter (GSPD)
Jan. 29th	Best Practices in Research Data Management (GSPD)
Jan. 29th	Let's Talk Taxes (GSPD)
Jan. 29th	The A-Z of the Job Search (GSPD)
Jan. 30th	Finding Balance with Self-Care (GSPD)
Jan. 30th	RCR: Discipline-Specific Training (GSPD)
Feb. 2nd	Computational Research PhD Fellowships Info Session (GSPD)
Feb. 2nd	Sleeping for Success (GSPD)
Feb. 3rd	Credit – Understanding Cards & Scores (GSPD)
Feb. 3rd	How to Find and Prepare for Fellowship Applications (GSPD)
Feb. 4th	Citation Management with Zotero (GSPD)
Feb. 4th	NIH Fellowship Opportunities for PhD Candidates and Postdoctoral Scholars (GSPD)
Feb. 4th	Postdoc Orientation: Employment Focus (GSPD)
Feb. 4th	Postdoc Orientation: Success Focus (GSPD)
Feb. 5th	CARE-ing Support (GSPD)
Feb. 5th	Interactive Fellowship Office Hour (GSPD)
Feb. 5th	Networking Anxiety – From Anxious to Awesome! (GSPD)
Feb. 5th	Purdue OWL: Best AI Practices for Academic Writing (GSPD)
Feb. 6th	Copyrights: An Overview for Scholars (GSPD)

Feb. 9th	MoISSI Fellowship Information Session (GSPD)
Feb. 9th	NCR-SARE Fellowship (Agricultural Research) Info Session (GSPD)
Feb. 9th	NIH Fellowship Opportunities for Graduate Students (GSPD)
Feb. 10th	Success Over Stress (GSPD)
Feb. 11th	Healthy Financial Habits (GSPD)
Feb. 11th	Interviewing Skills (GSPD)
Feb. 11th	Preparing to Buy a House (GSPD)
Feb. 12th	Finding Balance with Self-Care (GSPD)
Feb. 12th	Quad Fellowship Info Session (GSPD)
Feb. 13th	Postdoc Power Session (GSPD)
Feb. 13th	RCR: Discipline-Specific Training (GSPD)
Feb. 16th	Preparing to Buy a Car (GSPD)
Feb. 16th	Presenting Your Research: How to Sell Others on Your Ideas (GSPD)
Feb. 17th	Debt Management (GSPD)
Feb. 17th	Personal Branding (GSPD)
Feb. 17th	Research with Scite.ai (GSPD)
Feb. 18th	Mindfulness (GSPD)
Feb. 18th	Strategic Postdoc-ing: Consulting Hour (In-Person) (GSPD)
Feb. 18th	Strategic Postdoc-ing: How to Plan for Training Success (In-Person) (GSPD)
Feb. 19th	Purdue OWL: Academic Cover Letter (GSPD)
Feb. 19th	Science Writing in the Medical Field – Whitsell Innovations (GSPD)
Feb. 19th	Surviving to Thriving in Graduate School (GSPD)

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.