



Weldon Graduate Program Announcements December 4th, 2024

- [Career and Internship Opportunities](#)
- [Postdoc Fellowship Opportunity for all Disciplines – Branco Weiss Fellowship](#)
- [Biomedical Data Science Innovation Lab-Now Accepting Applications!](#)
- [Vanderbilt Biomaterials Day 2025: Register by January 3rd!](#)
- [Rutgers Postdoc Peek – Application due January 8th](#)
- [Science/Engineering Postdoc Fellowship Opportunity for US Citizens](#)
- [BME COVID Vaccine Clinic – Dec. 11th](#)
- [Calling all innovators working on precision medicine approaches for Immune-Mediated Diseases!](#)
- [Workshops and Deadlines](#)
- [News from You](#)

Career and Internship Opportunities

Internship Positions

- [Biomedical Engineering Co-op, Clarapath](#)
- [Cook Medical Summer 2025 R&D Engineering Co-op](#)
- [2025 Fall Co-op, Purification Process Development, Sanofi](#)
- [2025 Spring Engineering Co-op, Abbott](#)
- [2025 Tissue Materials Sciences Intern, Biomedical Engineering, AbbVie](#)
- [Biomedical Engineering Intern, PhD, Analog Devices](#)

Postdoctoral Positions

- NPA Website: <https://careers.nationalpostdoc.org/jobs/>

Full Time Positions

- [Biomedical Engineer I \(one year term position\), Case Western](#)
- [Biomedical Scientist, Boston Micro Fabrication](#)
- [Assistant Professor, Mechanical and Biomedical Engineering, Boise State University](#)
- [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

Postdoc Fellowship Opportunity for all Disciplines – Branco Weiss Fellowship

The Branco Weiss Fellowship

Summary

Branco Weiss, a renowned Swiss entrepreneur and supporter of science, has dedicated nearly his entire fortune to supporting exceptional postdoctoral researchers with a generous 5-year grant (more information available at <https://brancoweissfellowship.org>). Since 2002, the Branco Weiss Fellowship – Society in Science has supported more than 150 early-career researchers. **Fellows are free to carry out their projects at any academic institution worldwide, allowing them to choose the environment that best suits their research needs.** The fellowship is open to researchers at postdoctoral level **in all disciplines** (including natural sciences, engineering, social sciences, and humanities).

Eligibility

You are eligible for the 2025 intake if:

- You officially hold a PhD on January 15, 2025
- You have obtained your PhD a maximum of five years prior to January 15, 2025
- You do not hold/have not held a faculty-equivalent position (e.g. assistant professor or lecturer)
- **Your project departs from the mainstream of research in your discipline**
- You have a record of outstanding scientific achievement
- You demonstrate in the proposal a willingness to engage in a dialog on relevant social, cultural, political or economic issues beyond the frontiers of your particular discipline

Please note that we typically do not fund mainstream research projects that could also be funded by other scientific organizations.

Duration

Research projects should be conceived to last five years.

The first two and a half years of a project are called the pioneer phase. Before the end of the second year, a site visit will take place and a review will be conducted. At this point, the project, its continued originality, and the productivity of the fellow will be evaluated. If the results of the evaluation and site visit are satisfactory, the fellow enters the exploitation phase for the remaining two and a half years of the fellowship.

Branco Weiss Fellows are encouraged to seek faculty positions during their exploitation phase. Fellows can start a faculty position/professorship after the first year of the fellowship. Assuming an academic position will **not** result in termination of the fellowship.

Funding

A Branco Weiss Fellowship amounts to max. CHF 600,000 (currently \$678,560 US) for up to five years. It may be used to cover all legitimate costs of research (i.e. salary and/or equipment, travel expenses, consumables, personnel, etc.).

Application

Applications for the 2025 fellowship are now open and close January 15th, 2025. Apply [here](#).

Before applying, please read the [Frequently Asked Questions](#) and [Guidelines](#) on this website carefully.

To avoid server-overload, submit your application at least 1 to 2 days before the deadline.

Please have the following documents (pdf files) ready for uploading:

- Letter of motivation including a statement explaining why your research differs from the mainstream (max. 1 page)
- Your proposed research project (max. 5 pages, including abstract, timelines, tentative milestones and references)
- Your CV (max. 4 pages)

- An invitation letter by your prospective host, stating why you are invited to the host group and why your research project is supported
- Copies of your three best publications (no doctoral theses, no books, only peer-reviewed journal articles or individual book chapters)
- 5 reviewer suggestions (to be entered directly in the online application)

Biomedical Data Science Innovation Lab-Now Accepting Applications!

On behalf of the integrated Translational Health Research Institute of Virginia (iTHRIV), the **Biomedical Data Science Innovation Lab and Seminar Series** is now accepting applications for the 2025 event!

The theme for this year is [“Quantitative Approaches in Spatial Multi-Omics for Guiding Personalized Medicine”](#) and the in-person lab will be **June 16 - 20, 2025** in Nashville, Tennessee. Selected candidates will have their travel and lodging expenses fully covered, with the expectation that they engage in all virtual microlabs and remain for the entire five-day event in June 2025.

The goal of the 2025 Biomedical Data Science Innovation Lab (BDSIL) is to foster the formation of new interdisciplinary collaborations to generate creative strategies focused on the use of data science approaches in spatial multi-omics, particularly as applied to understanding cancer and rare diseases.

This is a great opportunity for early career researchers (biomedical researchers and / or data science researchers) to build networks and learn! The virtual Seminar Series open to all – See the flyer for details of upcoming topics.

More information is included within the flyers or on the website: [Biomedical Data Science Innovation Lab and Seminar Series](#).

The BDSIL is supported in part by iTHRIV (UL1TR003015) , NIH R25GM139080, the University of Virginia (UVA) School of Data Science, and the UVA Department of Psychology.

Vanderbilt Biomaterials Day 2025: Register by January 3rd!

My name is Zach Lamantia and I am a BME graduate student at Vanderbilt University and the Secretary of the Vanderbilt Chapter of Society For Biomaterials (SFB). We would like to invite you to the **2025 Mid-South Regional Biomaterials Day, hosted at Vanderbilt University!** This conference's theme will be **Biomaterials at All Scales: Nano, Micro, and Macro**. All researchers who have an interest in biomaterials are invited to register to attend and present a poster. To do so, please complete this [Google form](#). **Abstract submissions are open until Friday, January 3rd, 2025**. Those who register for the event or submit an abstract before the deadline will be entered into a raffle we will have on the day of the event. This raffle will include **travel awards!**

The Biomaterials Day will be held on **Friday, March 28th, 2025, at the Student Life Center at Vanderbilt University**. For more information about the conference, we have set up this [website](#). There, you'll find information on registration, schedule, speakers, travel/directions, and sponsors. Dr. Andrés García from Georgia Tech will be our keynote speaker. Please let us know if you have any questions - you can email me at zachary.lamantia@vanderbilt.edu.

Best,

Zach Lamantia
BME PhD Student || Duvall Lab

Rutgers Postdoc Peek – Application due January 8th

See attached

Announcing the Rutgers Postdoc Peek

- Are you looking for a fantastic postdoc experience to launch your career? Apply to attend our **in-person** recruitment event to learn what makes Rutgers Health New Brunswick/Piscataway campus an exceptional environment to be a postdoc!
- Up to 20 candidates will be selected to attend the **all-expenses-paid event at Rutgers from April 3-4, 2025**.
- **Invited candidates will give 10 min platform talks**, network with faculty and current postdocs, as well as tour Rutgers campus and the area.
- Applicants may indicate interest in up to 3 Rutgers Health New Brunswick/Piscataway faculty from a list of those recruiting postdocs to start in the coming 12 months.
- The schools and institutes at this location that are seeking postdocs include the Cancer Institute of New Jersey, the Child Health Institute, the School of Public Health, Robert Wood Johnson Medical School, the Institute for Health, the Waksman Institute, the Center for Advanced Biotechnology and Medicine, and Genetics.
- New Brunswick/Piscataway faculty are experts in metabolism, biochemistry, neuroscience, development, cancer, molecular biology, bioinformatics, primary pediatric care, nicotine and tobacco studies, and substance use among other areas.
- You can also live in a vibrant area close to NYC.
- Applications welcomed from talented and motivated senior PhD and MD/PhD students or current postdocs currently at a U.S. institution.
- **To see a list of faculty recruiting postdocs and to APPLY to participate in the Postdoc Peek click link here or scan QR code on attached flyer.**
- https://rutgers.ca1.qualtrics.com/jfe/form/SV_enaS7zhHrFYCAKi
- Please complete the application for the Rutgers Postdoc Peek **by January 8, 2025 at 5pm ET**.
- For questions, please reach out to Dr. Janet Alder, Assistant Vice Chancellor for Postdoctoral Affairs, Rutgers Health janet.alder@rutgers.edu
- To learn more about biomedical postdoc life at Rutgers Health, [click here](#)

Science/Engineering Postdoc Fellowship Opportunity for US Citizens

The National Academies of Sciences, Engineering, and Medicine maintain a **database of [more than 300 research opportunities](#)** and administer postdoctoral and senior fellowship awards at the U.S. Air Force Research Laboratory (AFRL), the U.S. Air Force Institute of Technology (AFIT), the U.S. Air Force Academy (USAFA), and the U.S. Space Force (USSF) under the [Air Force Science & Technology Fellowship Program \(AF STFP\)](#).

We are **seeking highly qualified candidates who are U.S. citizens and hold, or anticipate earning, a doctorate in a variety of fields of science or engineering**. BOTH PhD Candidates (must hold degree before starting the fellowship) and **postdocs with 5 or less years since PhD attainment are eligible**.

Application deadline dates (four annual review cycles):

- February 1*
- May 1
- August 1
- November 1

**If a deadline falls on a weekend or federal holiday, the deadline is moved to the next business day.*

Research Fellows have the opportunity to:

- Conduct independent research in an area compatible with the interests of the Air Force laboratories
- Devote full-time effort to research and publication
- Access the excellent and often unique Air Force research facilities
- Collaborate with leading scientists and engineers

Award benefits include:

- Base stipend starting at \$95,000/year; may be higher based on experience
- Health insurance (including dental and vision)

- Relocation assistance for Research Fellows who will be on tenure for at least six months and who at the time of award reside more than 50 miles from the host laboratory
- Professional travel allowance

Qualified applicants will receive consideration without regard to race, creed, color, age, gender identity, or national origin.

For detailed program information, to search for AFRL, AFIT, USAFA, and USSF Research Opportunities, and to contact prospective Research Adviser(s), visit www.nas.edu/afstfp.

Please email trainee-funding@purdue.edu if you would like help applying for this fellowship.

BME COVID Vaccine Clinic – Dec. 11th

BME GSA is pleased to announce that we will be hosting another vaccine clinic, this one for the latest COVID booster. This clinic will be hosted on Wednesday 12/11/24 in MJIS 2001 from 1:00-2:30 pm and BME GSA will be set up outside the room if you have any questions. All students, graduate students, faculty, and staff are welcome to come and get their vaccines. The event is in partnership with Purdue Pharmacy so Purdue's Health Insurance plans will cover the vaccine. You can reserve your spot using this link: <https://bme-clinic.intend.io>

We are also welcoming walk-in patients if you do not wish to make a reservation. If you have already got your vaccine, feel free to stop by and chat with our members and grab some swag.

Calling all innovators working on precision medicine approaches for Immune-Mediated Diseases!

[Johnson & Johnson Singapore QuickFire Challenge](#)

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. 5 th	Indianapolis CoE Holiday Community Sing (COE)
Dec. 6 th	Postdoc Power Session: First Friday in December (GSPD)
Dec. 11 th	Experiences in Epidemiology and Biostatistics (CCO)
Dec. 11 th	BME GSA COVID Vaccine Clinic – Open to Walk-ins (MJIS 2001 @ 1 pm) (Reserve a Time)
Dec. 13 th	Virtual Postdoc Expo at MSU (RSVP Here)
Dec. 13 th	Postdoc Coffee Chat (GSPD)
Dec. 16 th	F31/F30 Workshop Series Topic 3: "Research Strategy--Significance & Motivation" Q&A Session (GSPD)
Jan. 2 nd	Deadline to Apply for McClintock Bioscience Postdoctoral Fellowship (Apply Here)
Jan. 3 rd	Deadline for Vanderbilt Biomaterials Day Registration & Abstract Submission (Register)
Jan. 8 th	HDR Open House/Expo During Winter Break (CCO)
Jan. 8 th	Deadline to apply for Rutgers Postdoc Peek (Apply Here)
Jan. 13 th	F31/F30 Workshop Series Topic 4: "Research Strategy Approach" Presentation (GSPD)
Jan. 14 th	Managing Uncertainty During Graduate School (GSPD)
Jan. 15 th	AI Tools for Lit Reviews (GSPD)
Jan. 15 th	Convert Your CV to a Resume (GSPD)
Jan. 15 th	Credit – Understanding Cards & Scores (GSPD)
Jan. 15 th	Getting the Mentoring You Need (GSPD)
Jan. 15 th	Deadline to apply for Branco Weiss Postdoctoral Fellowship (Apply Here)
Jan. 16 th	The Cover Letter (GSPD)

Jan. 17 th	Budgeting and Saving Money (GSPD)
Jan. 17 th	Navigating the IRB Process and Submitting Your Study (GSPD)
Jan. 21 st	Boiler Up & Intervene (GSPD)
Jan. 21 st	Preparing for Academic Interviews (GSPD)
Jan. 22 nd	Discovering the Treasures of Federal Legal, Legislative, and Regulatory Resources (GSPD)
Jan. 22 nd	Personal Branding (GSPD)
Jan. 23 rd	Debt Management (GSPD)
Jan. 24 th	Business Databases: Ace Your Job Interview, Find Investors for Your Research/Idea (GSPD)
Jan. 27 th	F31/F30 Workshop Series Topic 4: “Research Strategy Approach” Q&A Session (GSPD)
Jan. 27 th	Healthy Financial Habits (GSPD)
Jan. 28 th	Best Practices in Research Data Management (GSPD)
Jan. 28 th	Eating Right When Your Budget is Tight (GSPD)
Jan. 28 th	The A-Z of the Job Search (GSPD)
Jan. 28 th	2024 Co-op Days Recruiting Event (CCO)
Jan. 30 th	Citation Management with Zotero (GSPD)
Jan. 30 th	Interviewing Skills (GSPD)
Jan. 31 st	Application deadline for Johnson & Johnson Japan Smart Healthy Aging QuickFire Challenge (Apply)
Jan. 31 st	Let’s Talk Taxes (GSPD)
Jan. 31 st	RCR: Discipline-Specific Training (GSPD)
Feb. 3 rd	Healthy Relationships (GSPD)
Feb. 5 th	Conducting a Literature Review (GSPD)
Feb. 5 th	Healthy Financial Habits (GSPD)
Feb. 7 th	Credit – Understanding Cards & Scores (GSPD)
Feb. 10 th	Research with Scite.ai (GSPD)
Feb. 10 th	F31/F30 Workshop Series Topic 5: “Biosketch and Other Documents” Working Session (GSPD)
Feb. 11 th	Combating Bias and Hate on College Campuses (GSPD)
Feb. 12 th	Preparing to Buy a House (GSPD)
Feb. 12 th	Retirement Planning (GSPD)
Feb. 14 th	An Overview of ResearchRabbit (GSPD)
Feb. 17 th	Diet, Stress, & Emotional Eating (GSPD)
Feb. 18 th	How to Improve Your Public Speaking (GSPD)
Feb. 19 th	Careers in Public Health (CCO)
Feb. 20 th	Healthy Eating on the Run (GSPD)
Feb. 21 st	RCR: Discipline-Specific Training (GSPD)
Feb. 24 th	Patent Agent Careers in Life Sciences (GSPD)
Feb. 25 th	4 th Annual Grad WiE Network Symposium (WiE)
Mar. 12 th	Experiences in Healthcare and Public Health (CCO)

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.