



Weldon Graduate Program Announcements November 20th, 2024

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Career and Internship Opportunities

Internship Positions

- [R&D Co-op, Pre-clinical & Clinical Affairs, mtfbiologics](#)
- [Biomedical Engineer Co-op, Clarapath](#)
- [Vertex Pharmaceuticals Co-ops](#)
- [Johnson & Johnson Internships](#)

Postdoctoral Positions

- [Research Fellow, Biomedical Engineering: Biomaterials, Tissue Engineering and Drug Delivery, Mayo Clinic](#)
- NPA Website: <https://careers.nationalpostdoc.org/jobs/>

Full Time Positions

- [Associate R&D Engineer, Teleflex](#)
- [Clinical Engineer I, Cybersecurity, Cleveland Clinic](#)
- [Process Development Engineer, Cell Culture/Upstream/Bioreactor/Downstream, Systems Ally](#)
- [Neuroscientists, UC San Francisco Academic](#)
- [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

Machine Learning Hackathon Challenge for NSF HDF ML Challenge

See attached

Join us for the 'Machine Learning Hackathon Challenge for NSF HDR ML Challenge' on November 26th at MJIS 2001. Register Here:

https://docs.google.com/forms/d/e/1FAIpQLSfjljIEVIEEx_42OJkc3qYlGAfQZT7kwuung6ZOApJ2L8wWeA/viewform?usp=sharing

RSVP for Virtual Postdoc Expo at MSU on 12/13!



Postdoctoral Expo at MSU

Join us on Dec 13

The Michigan State University Office of Postdoctoral Affairs and MSU AGEP program presents an opportunity for diverse graduate students and prospective postdocs to learn about opportunities at MSU and to meet with faculty and current postdocs who can answer important questions as individuals plan their path for an independent future.

Agenda

- 10:00 am ET – Welcome Remarks
- 10:15 am ET – 10 min talks by future postdoc attendees
- 11:45 am ET – MSU Benefits, Policies and Resources
- 12:15 pm ET – Breakout presentations with MSU Departments
- 1:00 pm ET – Q&A with current Postdocs
- 1:45 pm ET – Closing remarks

RSVP by Dec 1
<https://bit.ly/MSUPostDocExpo>



Discover Michigan State University

Every day, Spartan researchers push the boundaries of discovery to find solutions for a smarter, safer and healthier tomorrow.

A leading research university, MSU is home to No. 1-ranked graduate programs, innovative research centers and an international community of scientists and scholars.

844M
2023 research expenditures

100+
Institutes and centers

3,300+
Faculty inventions

See what living in Mid-Michigan has to offer!



Distinguished Postdoctoral Fellowships in Digital Human Modeling at Stanford University

A team of faculty at Stanford University, including Professors [Scott Delp](#), [Garry Gold](#), [Karen Liu](#), [Akshay Chaudhari](#), and [Ellen Kuhl](#) is accepting applications for Postdoctoral Fellows in digital human modeling. Individuals with backgrounds in biomechanics, computer science, imaging, robotics, and machine learning are welcome to apply.

Our team is developing and applying biomechanics, AI, imaging, and machine learning to study how humans move to achieve athletic performance, recover from injuries, and improve health and wellbeing. Our team is supported by the Digital Athlete Moonshot of the Wu Tsai Human Performance Alliance (humanperformance.stanford.edu), a major interdisciplinary initiative to study human athletic performance and health, the Mobilize Center (mobilize.stanford.edu), the Restore Center (restore.stanford.edu), Stanford's HAI project (hai.stanford.edu), and other funding sources.

We are searching for outstanding individuals to join our team and develop new methods to simulate, generate, and understand human movement. Fellows will be co-advised by two or more members of the faculty team. Funding is available to support fellows for two or more years. Fellows will have the opportunity to build an interdisciplinary scientific network, participate in mentoring graduate and undergraduate students, and present their work at international scientific meetings.

Candidates must have:

- A PhD in engineering, computer science, or related fields
- Strong research and communication skills
- Experience in development of state-of-the-art computational methods

[Learn more and apply now](#)

Stanford University is an affirmative action and equal opportunity employer, committed to increasing the diversity of its workforce. We encourage applications from women, members of minority groups, veterans, persons with disabilities, and others who would bring additional dimensions to the university's research and teaching mission.

Graduate Professional Development Newsletter (November 15)

[Graduate Professional Development Newsletter \(November 15\)](#)

Seeking Volunteers for Food Science Study

Effect of native chicory inulin supplementation on rates of microbial change between individuals



Volunteers Required

We are looking for:

- Non-smoking males and females aged 18-45
- Bowel movements greater than 4 days per week
- Willing to consume dietary supplements for 6 weeks followed by a 6-week follow-up phase
- Willing to provide frequent stool samples (daily, bi-daily, weekly, and bi-weekly) throughout all phases
- Willing to provide blood samples 9 occasions (you will be required to refrain from consuming any food the night before – you may still drink water during this time, but no other fluids)
- Willing to complete daily bowel habit, mood and frequent food diaries
- Participants have the potential to earn up to \$350 to compensate for their time

To take part or find out more information please contact: Dr Peter Jackson

- ppjackso@purdue.edu
- 765-409-9789

The primary investigator is Dr Stephen Lindemann Associate Professor in Department of Food Science. Email: lindems@purdue.edu.

IRB-2024-154

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.

Nov. 21 st	Ten Minute Tune-Up: Engineering the Beat – Sponsored by IE (COE)
Nov. 26 th	Machine Learning Hackathon Challenge for NSF HDF ML Challenge (Register Here)
Dec. 2 nd	F31/F30 Workshop Series Topic 3: "Research Strategy--Significance & Motivation" Presentation (GSPD)
Dec. 2 nd	How to Find and Prepare for Fellowship Applications (GSPD)
Dec. 3 rd	Ten Minutes of Talent (COE)
Dec. 4 th	BME Beats – 9:15 am @ MJIS Atrium (COE)
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. 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. 8 th	HDR Open House/Expo During Winter Break (CCO)
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. 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)

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.