



Weldon Graduate Program Announcements October 16th, 2024

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Career and Internship Opportunities

Internship Positions

- [Summer Intern, Manufacturing Engineer, Cook Medical](#)
- [Biomedical Research Clinical Affairs Intern, Beckman Coulter Diagnostics](#)
- [R&D Product Development Intern, Exact Sciences](#)
- [Quality Engineering Intern, Arthrex](#)
- [2025 Pharmacometrics Internship, AbbVie](#)
- [Intern, Cardiology, Saint Luke's Health System](#)
- [Biomedical Engineer Co-op, Clarapath](#)
- [Quality and Compliance Intern, Johnson & Johnson](#)
- [Co-op Intern LL, Sanofi](#)
- [IAM, Data Scientist Intern, LabCorp](#)
- [Intern, Ochin](#)

Postdoctoral Positions

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

Full Time Positions

- [Biomedical Designer, Orthopedics, 3D Systems](#)

- [Biomedical Engineer, Harbor Designs and Manufacturing](#)
- [Product Evaluations Engineer, BDC Laboratories](#)
- [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 Professional Development Newsletter (October 11)
[Graduate Professional Development Newsletter \(October 11\)](#)

CHE elective for Spring 2025
See attached

NUTR 59000 Gut Microbiome and Nutrition in Health and Disease
See attached

Spring 2025 – 2 credit hours

Course Description: This course explores the intricate relationship between the gut microbiome and nutrition, and their collective impact on human health and disease. Students will delve into the composition and function of the gut microbiome, understanding how diet influences microbial diversity and activity. Key topics include the role of the gut microbiome in nutrient digestion and absorption, metabolic processes, and its involvement in various diseases in which microbial imbalance has an etiological link. Students will also become familiar with current analytical and bioinformatic methods for studying the gut microbiome and the potential for prebiotic and probiotic interventions to prevent or manage diseases.

Prerequisites: A foundational knowledge of biology and nutrition is recommended.

Grad WiE Network Symposium Abstract Submissions OPEN!
See attached

SHARING YOUR VOICE, CENTERING YOUR PURPOSE
The 4th Annual Grad WiE Network Symposium

Calling all COE women graduate students:

Grow your confidence ~ Present your amazing work ~ Cultivate your networks
This symposium is all about YOU!

To be held on campus on Tuesday, February 25, 2025. Save the Date!

Call for Abstracts OPEN! Submit [here](#)

Abstract submission closes Monday, November 4, 2024.
 Acceptance Decision: Wednesday, November 27, 2024

Details can be found on our [website](#) and in the attached document.

If you have any questions, please reach out to us at wiepgwen@purdue.edu

You're Invited: Grand Opening of the Accessible Precision Audiology Research Center (APARC) at 16 Tech

(Sent on behalf of Mike Heinz and the APARC Team)

I want to personally invite you to our Grand Opening event to celebrate the launching of our new Accessible Precision Audiology Research Center (APARC) at the 16 Tech Innovation District in Indianapolis. This new health-related initiative is launching with support from the Life and Health Sciences Summit that was supported by the Office of Research and the Provost's Office, and includes researchers from HHS, Engineering, and Science.

Our new center will provide hearing-health education and outreach to the Indianapolis community and beyond, while recruiting subjects with diverse racial, socioeconomic, and hearing-health backgrounds with the goal of using the data to improve precision audiology diagnostics through ML and data analytics. We ultimately hope to connect hearing health with other broader health issues (e.g., diabetes, cognition, mental health, etc.).

We hope you can join us to view the space and learn more about this initiative via live technology demos and enjoy delicious local food and drinks (from the AMP). More details below.



Date: Oct. 25, 2024



Time: 4pm-6pm (remarks at 5pm)



Location: The AMP at 1220 Waterway Blvd., Indianapolis, IN 46202

RSVP by Oct 20 to aparc@purdue.edu.

Warm Wishes,

Mike and The APARC Team

<https://aparc.research.purdue.edu/>

Grand Opening

You are invited to the

ACCESSIBLE PRECISION AUDIOLOGY RESEARCH CENTER

OCT • 25 • 4-6PM

Join us for delicious food and drinks and exciting demonstrations throughout the event!

Remarks at 5pm by:
KAREN PLAUT- Purdue Executive VP for Research
AARON BOWMAN- Purdue Dean of the College of Health and Human Sciences
EMILY KRUEGER- CEO of 16 Tech Innovation District

1220 Waterway Blvd., STE H120, Indianapolis, IN 46202
RSVP by Oct. 20 to aparc@purdue.edu



PURDUE
UNIVERSITY®

Accessible Precision Audiology
Research Center

Purdue Chemistry Day at the Children's Museum in Indianapolis - Outreach Opportunity!

Participate in Purdue's first **Chemistry Day** and lead outreach activities with kids from the Indianapolis area at the [Children's Museum](#)!

The event will be from 10:00 AM to 12:00 PM on **Tuesday, November 5**. Transportation provided! The bus will leave FRNY at 8:00 AM and return by 1:30 PM.

There is a required on-campus planning meeting on **Tuesday, October 22**, 11:30 am—1:30 pm in DLR 221 (lunch will be served!). Don Reifler, the museum's Science Programs Manager, will discuss outreach and informal education with you. Pairs of volunteers will be given a kit with their Chemistry Day activity to familiarize themselves with it and ask any questions.

Chemistry Day Activities (the museum will supply all materials)

- Lava Lamp (a vinegar and baking soda reaction with oil and water causing a lava lamp-like effect)
- Density Column (exploring a pre-made density column in a jar)

- Cabbage pH indicator (safe exploration of acids and bases)
- Blue Bottle (a simple, repeatable, and dramatic color change oxidation reaction)
- Magic Sand (exploring hydrophobic sand)
- Slime (making slime, of course)
- Invisible Ink (using grape juice concentrate and a baking soda/water solution)
- Chromatography (separating pigments in different marker colors)
- Magic Milk (putting food coloring in milk and using soap to break the fat micelles and allow the colors to flow)
- Chemistry Makes Scents (experiencing different smells from molecules with identical structure but opposite chirality)

[SIGN UP HERE](#)

We can provide a note to request that you be excused from class to attend this university-sponsored activity.

For more information, contact cistar@purdue.edu

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 16 th	Spatial Data Visualization with ArcGIS Online (GSPD)
October 16 th	Success Over Stress (GSPD)
October 16 th	What Can I Do with a Major in...? (CCO)
October 16 th	BIG10 Academia Career Fair (Register)
October 16 th	University System of Maryland Virtual Postdoc Info Session (Register)
October 17 th	Business Meal Etiquette (GSPD)
October 18 th	Copyrights: An Overview for Scholars (GSPD)
October 20 th	Deadline to RSVP for 10/25 APARC Grand Opening in Indianapolis (Email to RSVP)
October 21 st	Citation Management with Zotero (GSPD)
October 21 st	Healthy Financial Habits (GSPD)
October 21 st	NDSEG (Defense Research) Fellowship Info Session (GSPD)
October 21 st	Becoming a Resilient Scientist: Unit 3 – Self-advocacy and Assertiveness (Register)
October 21 st	ADRA Distinguished Seminar Series: Dr. Kevin Kornegay (Register)
October 22 nd	Diet, Stress, & Emotional Eating (GSPD)
October 22 nd	NDSEG (Defense Research) Fellowship Info Session (GSPD)
October 22 nd	Setting Yourself Up to Win in Grad School (GSPD)
October 23 rd	Delivery Tips & Tricks (GSPD)
October 23 rd	Introduction to Diffusion (GSPD)
October 23 rd	AI Tools for Lit Reviews (GSPD)
October 24 th	Entrepreneurship as a Career Path (GSPD)
October 24 th	Preparing to Buy a Car (GSPD)
October 25 th	Getting the Mentoring You Need (GSPD)
October 25 th	Postdoc Coffee Chat (GSPD)
October 25 th	RCR: Discipline-Specific Training (GSPD)
October 28 th	Becoming a Resilient Scientist Discussion Group for Unit 3 (Register)
October 28 th	CVs and Cover Letters for Academic Jobs (GSPD)
October 28 th	F31/F30 Workshop Series Topic 2: “Background, Training Goals, & Mentoring” Presentation (GSPD)
October 29 th	Preparing for Academic Interviews (GSPD)

October 30 th	Spatial Data Visualization – StoryMap (GSPD)
October 30 th	Successful Visual Aids (GSPD)
October 31 st	International Student Workshop 5: Job Offer Negotiation (CCO)
Nov. 1 st	Mentoring and the Dissertation Process (GSPD)
Nov. 1 st	Postdoc Power Session: First Friday in November (GSPD)
Nov. 4 th	Becoming a Resilient Scientist: Unit 4 – Feedback Resilience (Register)
Nov. 4 th	Abstract Submission Deadline for 4 th Annual Grad WiE Network Symposium (Submit Here)
Nov. 5 th	Overview of the FDA Drug Development Process Seminar
Nov. 6 th	AI Tools for Literature Review (GSPD)
Nov. 6 th	Networking (including LinkedIn): Small Talk, Big Opportunity (CCO)
Nov. 7 th	Healthy Eating on the Run (GSPD)
Nov. 8 th	LinkedIn (GSPD)
Nov. 11 th	F31/F30 Workshop Series Topic 2: “Background, Training Goals, & Mentoring” Q&A Session (GSPD)
Nov. 12 th	Healthy Eating on the Run (GSPD)
Nov. 12 th	Preparing to Buy a Car (GSPD)
Nov. 12 th	Becoming a Resilient Scientist Discussion Group for Unit 4
Nov. 12 th	Deadline to submit Letter of Intent (LOI) for NIH DiabDocs Program (Submit Here)
Nov. 13 th	Business Databases: Ace Your Job Interview, Find Investors for Your Research Idea (GSPD)
Nov. 14 th	Business Meal Etiquette (GSPD)
Nov. 14 th	Conference Paper Writing and Presenting: Strategies for Success (GSPD)
Nov. 15 th	RCR: Discipline-Specific Training (GSPD)
Nov. 15 th	Postdoc Coffee Chat (GSPD)
Nov. 18 th	Becoming a Resilient Scientist: Unit 5 – Managing Up to Maximize Mentoring Relationships (Register)
Nov. 18 th	Managing Uncertainty During Graduate School (GSPD)
Nov. 19 th	Debt Management (GSPD)
Dec. 2 nd	F31/F30 Workshop Series Topic 3: "Research Strategy--Significance & Motivation" Presentation (GSPD)
Dec. 6 th	Postdoc Power Session: First Friday in December (GSPD)
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. 13 th	F31/F30 Workshop Series Topic 4: “Research Strategy Approach” Presentation (GSPD)
Jan. 27 th	F31/F30 Workshop Series Topic 4: “Research Strategy Approach” Q&A Session (GSPD)
Jan. 31 st	Application deadline for Johnson & Johnson Japan Smart Healthy Aging QuickFire Challenge (Apply)
Feb. 10 th	F31/F30 Workshop Series Topic 5: “Biosketch and Other Documents” Working Session (GSPD)
Feb. 25 th	4 th Annual Grad WiE Network Symposium (WiE)

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.