



**Division of Nuclear Chemistry and Technology**  
*American Chemical Society*

## American Chemical Society **Nuclear Chemistry & Technology**



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Program Chair, 2025  
**ANNIE KERSTING**  
Lawrence Livermore Nat'l Lab

Chair Elect, 2025  
Program Chair, 2026  
**DUSTIN DEMOIN**  
Eckert and Ziegler Isotope Products

Vice Chair, 2025  
**TYLER SPANO**  
Oak Ridge National Laboratory

Secretary, 2023-2025  
**AMY HIXON**  
University of Notre Dame

Treasurer, 2025  
**DANIEL FELTON**  
Oak Ridge National Laboratory

Councilors  
**MATT GOTT**, 2025-2027  
Oak Ridge National Laboratory

**GRAHAM F. PEASLEE**, 2024-2026  
University of Notre Dame

Alternate Councilor  
**JULIE EZOLD**, 2024-2026

Members-at-Large, Executive Committee  
**JORDAN ROACH**, 2025-2027  
**DEBORAH PENCHOFF**, 2024-2026

Awards Chairs  
**NATHALIE WALL**  
**DEBORAH PENCHOFF**

DEIB Chairs  
**TYLER SPANO**  
**VANESSA SANDERS**

Program Chairs  
**TODD BREDEWEG**  
**DEBORAH PENCHOFF** (Spring)  
**SARAH FINKELDEI** (Fall)

Website Coordinator  
**CHRIS KLUG**

Nuclear Chemistry Summer School  
Director  
**LYNN FRANCESCONI**

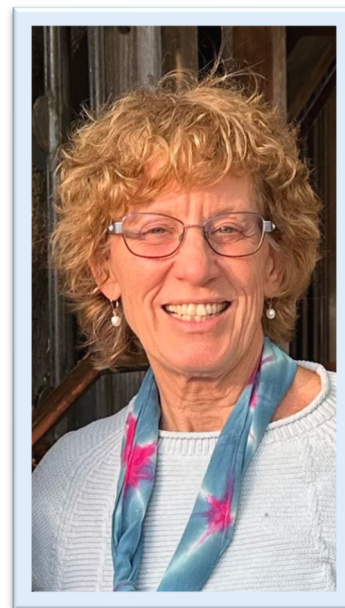
Newsletter Editor  
**THIBAUT LECRIVAIN**  
Material and Chemistry Laboratory Inc.

### FROM THE INCOMING CHAIR

*Annie Kersting*

Welcome to 2025! It is my pleasure to be the incoming Chair of the NUCL division this year. First and foremost, I would like to thank our outgoing officers for their dedication, hard work and exemplary service. Many thanks to Justin Walensky-former Chair, Brian Powell-former Treasurer, Silvia Jurisson-former Councilor, Glenn Fugate-former Councilor at Large, and Andrew Klose-Newsletter. Next, a big welcome to our new officers who are: Tyler Spano-Vice Chair, Daniel Felton-Treasurer, Matt Gott-Councilor, Jordan Roach-Member at Large, and Thibaut Lecrivain-Newsletter. Dustin Demoin will move up to the Chair Elect position.

Specifically for 2025, I hope to deliver a new, updated and user-friendly website, improve our social media presence with increased content, and improve communication overall across the division and within ACS.



We hope to see many of you at our Spring 2025 meeting in San Diego from March 23-27. Our business meeting will be on MONDAY, March 24 from 6:15-7:15pm in the same room as the Monday afternoon session. The division social will be held from 7:30-11pm following the business meeting, at a location to be determined. I'm excited to announce that ACS will also be honoring Dr. Betty Tsang from Michigan State University on Tuesday, March 24th as the 2025 Glenn T. Seaborg awardee for her distinguished career in

nuclear physics. She has made great advances in studying the nuclear properties of neutron stars, and dynamics of heavy-ion collisions. In addition, her work using high performance computers for nuclear collisions simulations has been used to help design radiation shielding for reactors, and space missions.

Programming for the Spring San Diego meeting is being coordinated by Deborah Penchoff with a wide range of symposia: Computational science applications in REE and Actinides, Radiochemical separations, Spectroscopy and synchrotron techniques of radioisotopes, Environmental radiochemistry, f-element chemistry and non-equilibrium phenomena, and general topics in nuclear and radiochemistry.

As always, early career and young investigators are encouraged to help in organizing and participating in sessions and in bringing your ideas forward. Please see our Program Chairs to volunteer for upcoming meetings. Symposia that are sponsored by multiple divisions are strongly encouraged.

I am excited to work with all of our NUCL community in 2025, and to make this a great year for our division.

## ELECTION RESULTS

The Division members voted electronically for four positions on the 2025 NUCL Executive Committee. The elections are completed, and results were close. Please join us in congratulating the following winning candidates:

- Vice Chair: *Tyler Spano*
- Treasurer: *Daniel Felton*
- Councilor: *Matt Gott*
- Member at Large: *Jordan Roach*

Thank you to all the candidates who volunteered to run.



## NATIONAL MEETING PROGRAMMING

Thank you to everyone who organizes sessions! We sincerely appreciate your help. We are streamlining the NUCL programming at National ACS meetings. If you want to organize a session, there is information we need for the ACS system. You may be asked to fill out a form that will collect all the necessary information in one quick place. The organizer who proposes the session should complete the form. Anyone listed as co-organizers should know they are being included. A follow-up email will be sent to one or all organizers prior to the meeting schedule's due date to ensure that no changes have been made to the information provided. If we do not get a confirmation, we may find other organizers or remove the session from the schedule. Note that Spring programming must be submitted in July the year prior, Fall programming must be submitted in December the year prior. ACS has limited the number of half-day sessions for the NUCL division to 7 total. We are unable to allocate additional time per session. Please make sure to take this into account when accepting abstracts for oral presentations. The default for every session is one half-day session for presentations. As a division, we may need to include more poster sessions going forward.

If you would like to propose a symposium for 2026 or 2027, please contact Todd Bredeweg ([toddb@lanl.gov](mailto:toddb@lanl.gov)).

### SPRING 2025 - San Diego, CA

March 23 - 27

Please contact Deborah Penchoff ([deborah.penchoff@ucf.edu](mailto:deborah.penchoff@ucf.edu)) for more information. Below are the planned symposia for the meeting.

☒ **ACS Seaborg Award Symposium Honoring ManYee (Betty) Tsang**

Organizers: R. Desouza, D. Penchoff, L. Sobotka

☒ **Computational Science Applications in Rare Earth Elements and Actinides**

Organizers: D. Penchoff, C. C. Peterson

☒ **Environmental Radiochemistry**

Organizers: J. Neumann, S. Saslow

☒ **f-Element Chemistry and Non-Equilibrium Phenomena: Dissolution, Adsorption and Radiolysis Kinetics in Nuclear Wastes**

Organizers: V. Glezakou, R. Mayes, R. Rousseau

☒ **General Topics**

Organizers: D. Demoin, T. Lécivain

☒ **Radiochemical Separations**

Organizers: I. Chaple Gore, L. Delmau, D. Demoin

☒ **Spectroscopy & Synchrotron Techniques for Radioisotopes**

Organizers: R. Abergel, K. Carter, S. Minasian



## FALL 2025 – Washington, D.C.

August 17-21 (Abstracts open now)

Please contact Sarah Finkeldei ([sfinkeld@uci.edu](mailto:sfinkeld@uci.edu)) for more information. Below are the planned symposia for the meeting. Abstracts are now open and close on 31 Mar 25.

### ☒ Data Science and Artificial Intelligence Applications in Nuclear and Radiochemistry

Organizers: Deborah Penchoff (UCF, [deborah.penchoff@ucf.edu](mailto:deborah.penchoff@ucf.edu)) & Charles Peterson (UCLA, [charles.c.peterson3@gmail.com](mailto:charles.c.peterson3@gmail.com)) & Ashley Shields (ORNL, [shieldsae@ornl.gov](mailto:shieldsae@ornl.gov))

### ☒ Future Vistas in the Chemical Physics and Spectroscopy of Heavy Element Systems

Organizers: Gian Surbella (PNNL, [robert.surbella@pnnl.gov](mailto:robert.surbella@pnnl.gov)) & Herman Cho (PNNL, [hm.cho@pnnl.gov](mailto:hm.cho@pnnl.gov)), Julie Niklas (GT, [j.niklas@gatech.edu](mailto:j.niklas@gatech.edu))

### ☒ Nuclear Forensics

Organizers: Ken Czerwinski (UNLV, [czerwin2@unlv.nevada.edu](mailto:czerwin2@unlv.nevada.edu)), Todd Bredeweg (LANL, [toddb@lanl.gov](mailto:toddb@lanl.gov)), Jim Bowen (PNNL, [james.bowen@pnnl.gov](mailto:james.bowen@pnnl.gov)), Deborah Penchoff (UCF, [deborah.penchoff@ucf.edu](mailto:deborah.penchoff@ucf.edu)), Ashley Shields (ORNL, [shieldsae@ornl.gov](mailto:shieldsae@ornl.gov))

### ☒ Honoring Professor George Schweitzer

Organizers: Deborah Penchoff (UCF, [deborah.penchoff@ucf.edu](mailto:deborah.penchoff@ucf.edu)), Jack Burn (EPA NREL, [burn.james@epa.gov](mailto:burn.james@epa.gov)), John Auxier (SRNL, [john.auxier@srnl.doe.gov](mailto:john.auxier@srnl.doe.gov))

### ☒ Young Investigators in Nuclear and Radiochemistry

Organizers: Gian Surbella (PNNL, [robert.surbella@pnnl.gov](mailto:robert.surbella@pnnl.gov)), Sarah Finkeldei (UCI, [sfinkeld@uci.edu](mailto:sfinkeld@uci.edu))

### ☒ General Topics

Organizers: Dustin Demoin (EZIP, [dustin.demoin@ezag.com](mailto:dustin.demoin@ezag.com)), Marisa Monreal (LANL, [mmonreal@lanl.gov](mailto:mmonreal@lanl.gov))

## Regional Meeting

From Vasileios Anagnostopoulos, Associate Professor at the University of Central Florida and Program Chair of SERMACS 2025:

The 76th Southeastern & 81st Southwest Joint Regional Meeting of the American Chemical Society, will take place in Orlando in 2025, and we welcome all interested parties to submit a symposium! Visit: <https://www.sermacs2025.org/program.html>

This year, our meeting offers an unparalleled opportunity for faculty, students and scientists from 14 states and Puerto Rico representing the Southeastern and Southwest regions of the ACS, to showcase their research and network! With Orlando's recognition as a top meeting destination, our event promises to be a nexus for innovation and collaboration in the chemistry community. We anticipate 2,000 attendees. Join us!





# STUDENT OPPORTUNITIES

## *Horizon-broadening Isotope Production Pipeline Opportunities (HIPPO)*

HIPPO accepting applications for Summer 2025 through Spring 2026!



The Horizon-broadening Isotope Production Pipeline Opportunities ([HIPPO](#)) collaboration, sponsored by the DOE's Isotope Program (IP), is recruiting undergraduate and graduate students from a variety of training backgrounds. HIPPO exposes students to a broad scope of IP-related activities through research projects during summer 2025 (graduate student trips flexible). Trainees have access to collaborative networking and a variety of in-person training opportunities at national laboratory or university isotope network production sites. Students also learn about IP during a week at a [HIPPOcampus](#) and a week at ORNL & UTKnoxville. This opportunity is available to interested students regardless of their background or institution!

- Undergraduate student applications are due February 10, 2025: <https://forms.gle/q2DyH7kZnyjfqrN6>
- Graduate student applications (includes a research proposal at an institution other than your home institution, developed with a host mentor) are due February 17, 2025: <https://forms.gle/QEGzWss8LTYZrvTN8>

Bridge student applications are due March 3, 2025: <https://forms.gle/K43t8gAysTisSyaY6>

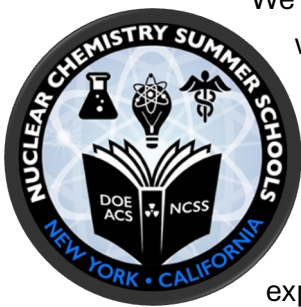
Bridge students are just beginning their graduate studies in IP, or an early student who would benefit from the horizon-broadening trips without the independent research proposal.

For more information, please look at our [website](#), or reach out to [hippo@tamu.edu](mailto:hippo@tamu.edu).

## ***DOE/ACS – Nuclear and Radiochemistry Summer Schools***

We request your assistance in identifying outstanding undergraduates who might be interested in, and qualified for, the Department of Energy and American Chemical Society sponsored Nuclear and Radiochemistry Summer School Program.

We are seeking curious and highly motivated students with strong science backgrounds. If selected, these students receive an all-expense paid opportunity to complete a 6-week summer course (June 16 – July 25, 2025) in Nuclear Chemistry and Radiochemistry in either California at San Jose State University or New York at Brookhaven National Laboratory. They also earn hours (tuition paid) of undergraduate chemistry credit through either San Jose State University or Stony Brook University. Selected students also receive a stipend of \$4,000. An announcement for the Nuclear and



Radiochemistry Summer Schools that can be distributed to students is attached to this Newsletter.

It describes the application procedure and the background we hope applicants will have when applying. This information and an online application form can also be found on the web at:

[https://www.nucl-accs.org/?page\\_id=1731](https://www.nucl-accs.org/?page_id=1731)

The deadline for applications, transcripts and two letters of recommendation is February 6, 2025. Please distribute this announcement to your undergraduate students and encourage them to consider this unique opportunity! If you or your students have any questions about the sponsored program, please do not hesitate to contact me at [Lfrances@hunter.cuny.edu](mailto:Lfrances@hunter.cuny.edu).

Funding for this program is provided by the Department of Energy.



# AWARDS NOMINATIONS COMMITTEE OF NUCL

*Deborah Penchoff and Nathalie Wall*

The Awards Nominations Committee of the Division was formed to encourage and facilitate nominations for national ACS awards. Please nominate a colleague for one of the awards given below or another ACS Award. As the new committee is updating the nomination process, feel free to contact them by email if you have any questions about the awards ([deborah.penchoff@ucf.edu](mailto:deborah.penchoff@ucf.edu), [nathalie.wall@ufl.edu](mailto:nathalie.wall@ufl.edu)).

<http://www.acs.org/content/acs/en/funding-and-awards/awards/national.html>

## ACS Fellows



Nominations can be initiated by individuals; however, the Division can nominate up to four individuals as ACS Fellows annually. Nominations for the 2025 class of Fellows are scheduled to open on February 1, 2025 and close on April 20, 2025.

More information on:

<http://www.acs.org/content/acs/en/funding-and-awards/fellows.html>

## Coryell Award

The Charles D. Coryell Award honors undergraduate students who have completed research projects in nuclear or nuclear-related areas. Each year, there is a \$1,000 prize to be awarded to the successful nominee(s). The student may be sponsored by a faculty member at the home institution or by a research director at another institution where the student performed the work. The procedures are given on the Division's website. The Coryell Award Nominations due May 1, 2025.

More information on: [https://www.nucl-acs.org/?page\\_id=91](https://www.nucl-acs.org/?page_id=91)

## Frank Kinard Distinguished Service Award

The W. Frank Kinard Distinguished Service Award was established in 2014, with the objective to recognize NUCL members for outstanding service to the Division and the field of nuclear science. Nominations are initiated by individuals, and procedures are given on the Division's website. The Frank Kinard Distinguished Service Award nominations are due by July 1, 2025).

More information on: [https://www.nucl-acs.org/?page\\_id=611](https://www.nucl-acs.org/?page_id=611)

American Chemical Society  
Nuclear Chemistry  
& Technology



# JOB POSTINGS

## ***UTK - Full Professor of Nuclear Engineering, Fall 2025***

The Tickle College of Engineering (TCE) at the University of Tennessee, Knoxville (UTK) is seeking applications to fill a faculty position at the Full Professor level in 2025. This initiative is part of an approved Radioisotopes Cluster hire to bolster UTK's strength in the development and use of radioisotopes in all related fields, such as but not limited to, isotope production, radiochemistry, and applications of radioisotopes. Preference will be given to candidates with demonstrated research success in one or more of these areas with the vision to develop collaborative research activities, and are committed to high-quality undergraduate and graduate student education.

More information here: <https://apply.interfolio.com/156534>

## ***UTK Assistant Professor, Nuclear Engineering, Fall 2025***

The Department of Nuclear Engineering at the University of Tennessee, Knoxville (UTK) is seeking applications to fill a tenure-track faculty position at the Assistant Professor level starting on August 1, 2025. Duties include teaching undergraduate and graduate courses in nuclear engineering-related subjects, generating externally funded research, advising graduate students, writing scholarly journal articles, and providing service to the department, college, university, and professional community.

More information here: <https://apply.interfolio.com/156670>

## ***UCF Tenured professor and chair of the Department of Chemistry, Fall 2025***

The College of Sciences (COS) at the University of Central Florida (UCF) invites nominations and applications for a full-time, 12-month, position of tenured professor and chair of the Department of Chemistry with an anticipated start date in fall 2025. The chair is the unit head, provides leadership for the department, and is essential to the decision-making and administrative functions within the unit, including academic programs, budget, hiring, evaluations, facilities, etc.

More information here: <https://jobs.ucf.edu/jobs/professor-and-chair-chemistry-department-orlando-florida-united-states>

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(Formerly Tweeter)



[Website](#)



# DOE & ACS NUCLEAR & RADIOCHEMISTRY UNDERGRADUATE SUMMER SCHOOLS 2025

June 16, 2025 to July 25, 2025

📍 San Jose State University  
(San Jose, CA)

📍 Brookhaven National Lab  
(Long Island, NY)

## EARN CASH & COLLEGE CREDIT !

- ✓ \$4000 Stipend
- ✓ Transferable College Credit
- ✓ Tuition & Fees
- ✓ Round-Trip Transportation & Housing

## ELIGIBILITY:

- Sophomore or Juniors at US Institutions
- Completed Two Years of Chemistry; One Year of Physics & One Year of Calculus
- US Citizen

**APPLICATION DEADLINE: FEBRUARY 6TH, 2025**



To apply and obtain more information  
scan the QR code or click the "Apply  
Here!" link below

**APPLY HERE!**

Email [ncss.acs.doe@gmail.com](mailto:ncss.acs.doe@gmail.com) with any questions

