



ACS Division of
Nuclear Chemistry
& Technology

Division of Nuclear Chemistry and Technology
American Chemical Society

NUCL Webpage – <http://www.nucl-acs.org>

Program Chair, 2024
[JUSTIN WALENSKY](#)
University of Missouri

Chair Elect, 2024
Program Chair, 2025
[ANNIE KERSTING](#)
Lawrence Livermore Nat'l Lab

Vice Chair, 2024
Chair Elect, 2025
Program Chair, 2026
[DUSTIN DEMOIN](#)
Eckert and Ziegler Isotope Products

Secretary, 2023-2025
[AMY HIXON](#)
University of Notre Dame

Treasurer, 2022-2024
[BRIAN POWELL](#)
Clemson University

Councilors
[SILVIA JURISSON](#), 2022-2024
University of Missouri

[GRAHAM F. PEASLEE](#), 2024-2026
University of Notre Dame

Alternate Councilor
[JULIE EZOLD](#), 2024-2026

Members-at-Large, Executive Committee
[GLENN FUGATE](#), 2022-2024
[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
[ANDREW KLOSE](#)

NEWSLETTER August 2024

Topics

- > FROM THE CHAIR
- > SOCIAL MEDIA COORDINATOR
- > UPCOMING PROGRAMMING
- > AWARDS NOMINATIONS COMMITTEE
- > JOB ADVERTISEMENTS

FROM THE CHAIR *Justin Walensky*

This is my third and final summer in Germany and the summer has been mild with lots of rain. I hope that it has not been too hot where you are as well.

The division submitted a grant proposal to the ACS for hiring a website designer to help update our website, so things are rolling thanks to Annie!

In Denver, our business meeting will be Tuesday, August 20th from 6:15-7:15pm in the same room as the Tuesday afternoon symposium. The division social will be held from 7:30-11pm at Earls Kitchen + Bar, Downtown Denver, 1600 Glenarm Place. We are excited for a great program in Denver.

Thank you for those who have reached out to get involved with the division. It is greatly appreciated!

Safe travels and see you in Denver!

Social Media Coordinator

Xcuse me!  on the clock, but the  party
don't start until  walk in. Get  to
people's interest!

The Division of Nuclear Chemistry and Technology is looking to find someone who is interested and motivated to be the Social Media Coordinator. This position would work with division leadership and the Website Coordinator & Newsletter Editor to update social media platforms to increase engagement and interest for the NUCL Division of the ACS. You could do this as a single individual or as a team (we need one person who will be the leader of that team). Step forward and help us with the division's social media presence. We want to try to have as many avenues to let our members know what divisional activities are happening and potentially give people informative NUCL-related facts to motivate others to join our flavor of chemistry. If you are interested, please contact Dustin.Demoin@ezag.com, Chris.Klug@ezag.com, or DPenchof@utk.edu.

NATIONAL MEETING PROGRAMMING

Fall 2024 - Denver, CO
August 18 – 24

Theme: Elevating Chemistry

The 268th ACS National Meeting & Exposition will be held August 18-24, 2024 in Denver, CA.

Please contact Sarah Finkeldei with questions regarding programming at the meeting. Below are the planned symposia.

Elevating Nuclear Chemistry Solutions to National and Global Challenges

Organizers:

Vasileios Anagnostopoulos
(Vasileios.Anagnostopoulos@ucf.edu),
Deborah Penchoff (dpenchof@utk.edu), and
Donivan Porterfield (dporterfield@lanl.gov)

Nuclear Forensics

Organizers:

Todd Bredeweg (toddb@lanl.gov), *Deborah Penchoff* (dpenchof@utk.edu), and *Ashley Shields* (shieldsae@ornl.gov)

Young Investigators in Nuclear and Radiochemistry

Organizers:

Liz Decoteau (edecoteau@gwmail.gwu.edu)
and *Jordan Roach* (roachjm@ornl.gov)

General Topics in Nuclear Chemistry and Technology

Organizers:

Jessica Jackson (jagjackson@mines.edu) and
Ralf Sudowe (Ralf.Sudowe@colostate.edu)

ACS Seaborg Award Symposium Honoring Kenneth Nash

Organizers:

Leigh Martin (martinlr@ornl.gov) and *Peter Zalupski* (peter.zalupski@inl.gov)

Spring 2025, San Diego, CA March 23-31

The 269th ACS National Meeting & Exposition will be held March 23 - 21, 2025 in San Diego, CA. Please contact Deborah Penchoff (dpenchof@utk.edu) for more information.

If you are interested in proposing a symposium or working with someone to create a new symposium at an upcoming meeting, contact Todd Bredeweg (toddb@lanl.gov). Below are the currently planned symposia for Spring 2025:

Computational Science Applications in Rare Earth Elements and Actinides

(Co-sponsoring with PHYS, COMP, INOR)

Organizers:

*Deborah Penchoff (dpenchof@utk.edu) and
Charles Peterson
(charles.c.peterson3@gmail.com)*

Radiochemical Separations

*(Co-sponsoring with I&EC – SS&T
subdivision and ANAL – SCSC subdivision)*

Organizers:

*Dustin Demoin (dustin.demoin@ezag.com),
Lætitia Delmau (delmaulh@ornl.gov), and
Ivis Chaple Gore (ichaple@utk.edu)*

Spectroscopy & Synchrotron Techniques for Radioisotopes

(Co-sponsoring with INOR)

Organizers:

*Rebecca Abergel (RJAbergel@lbl.gov), Stefan
Minasian (SGMinasian@lbl.gov), and
Korey Carter (korey-carter@uiowa.edu)*

Environmental Radiochemistry

(co-sponsoring with INOR)

Organizers:

*Sarah Saslow
Julia Neumann*

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

(co-sponsoring with COMP, PHYS, I&EC)

Organizers:

*Vanda Glezakou
Richard Mayes
Roger Rousseau*

General Topics in Nuclear and Radiochemistry

Organizers:

*Dustin Demoin (dustin.demoin@ezag.com),
Thibaut Lécivain
(Thibaut.Martin.1988@gmail.com)*

Looking for volunteers

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 awards

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



Department of Chemistry

TENNESSEE TECH

The Department of Chemistry at Tennessee Tech University is currently seeking applicants for the position of **Postdoctoral Research Associate** in the laboratory of Prof. Jesse D. Carrick. The successful applicant will work on a multidisciplinary project at the interface of separation science, and analytical, organic, and computational chemistry towards the development of heteroaryl Lewis basic complexants for selective minor actinide separations from used nuclear fuel.

A Ph.D. in radiochemistry, analytical, inorganic, or organic chemistry with extensive expertise using several of the following instruments: Gamma, UV-Visible, ICP-OES, NIR, and NMR spectroscopy, HPLC, fluorescence, and singlecrystal X-ray diffraction for study, analysis, and quantification of metal:ligand complexes of the actinides and lanthanides.

The ability to effectively document results and manage workflow while maintaining a professional, clean, and safe working environment at all times is required. The desire to mentor M.S. and undergraduate trainees and professionally interact with a multidisciplinary team while maintaining a positive attitude is required. The ability to effectively present oral and written research results to a multidisciplinary team is also required.

The university recently completed a 150,000 ft² interdisciplinary laboratory science building in 2021 which currently houses the department of chemistry and includes laboratory, instrumentation, and office space. The department has existing major research instrumentation that will support the project. More information can be found at: [Chemistry \(tntech.edu\)](https://chemistry.tntech.edu)

This position is full benefits eligible, with the exception of tuition assistance, and includes health insurance, retirement, and 401(k). Salary is competitive and commensurate with experience.

The initial appointment will be for one year, with a start date as early as August 2024, and is open until filled. Renewal of the position for subsequent years is possible, contingent upon satisfactory performance, and availability of funds.

TN Tech University is a comprehensive institution of higher education with particular strengths in science and engineering situated in the beautiful Upper Cumberland region of Tennessee in between Nashville and Knoxville. A low cost of living, no state income tax, and numerous outdoor activities within a short driving distance contribute to a high quality of life in this growing area. The department confers an ACS-certified B.S. and M.S. in chemistry and participates in the interdisciplinary Ph.D. program in Environmental Sciences. A detailed description of the department of chemistry, the Environmental Science Ph.D. Program and the university is available at: [Chemistry \(tntech.edu\)](https://chemistry.tntech.edu)

All applicants must apply online at <https://jobs.tntech.edu> and electronically upload all required materials. A completed application will consist of an online application, a letter of interest summarizing the applicant's expertise, accomplishments, and professional goals, a curriculum vitae including all academic and professional positions, publications, and presentations, a research summary (5 pgs. max), copies of graduate and undergraduate transcripts from all institutions for which a degree was conferred-official copies will be required upon hire, as well as the email addresses and contact information of a minimum of three professional references-with one reference required from the applicant's Ph.D. advisor.

Tennessee Tech is an Equal Opportunity/Affirmative Action employer.