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Nathalie WALL & Deborah PENCHOFF

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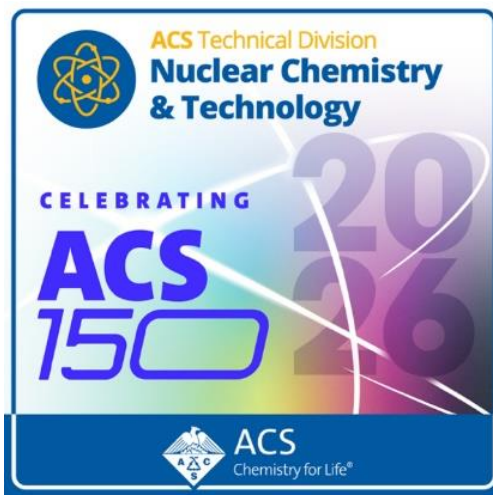
Jordan ROACH

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FROM THE CHAIR

**NATHALIE WALL AWARDED THE 2026 W. FRANK
KINARD AWARD FROM NUCL DIVISION
NATIONAL MEETING PROGRAMING**

FALL 2026 – CHICAGO (IL)

SPRING 2027 – NEW ORLEANS (LA)

FALL 2027 – SAN DIEGO (CA)

REGIONAL MEETINGS AND OTHERS

1ST NESACS RADIOPHARMACEUTICAL SCIENCES

SYMPOSIUM

34TH MILLER CONFERENCE

LET'S TALK ABOUT SPANOITE!

AWARDS NOMINATIONS COMMITTEE OF NUCL

ADVERTISING FOR THE DIVISION

JOB POSTING

FROM THE CHAIR

I hope this message finds you well, enjoying a productive summer, and taking some time to enjoy the outdoors, family, and friends. It is an exciting time for the NUCL Division, and I am pleased to share several updates and highlights as we continue to build momentum across our community.

As part of celebrating the 150th anniversary of the ACS, the Committee on Divisional Activities (DAC) has asked the NUCL division to provide a summary of what has happened within the division for the past 25 years, which is to be published with updates from all the divisions. This is similar to the booklet that they published for the 125th anniversary, which was penned by Walter D. Loveland. We hope that you like what we submitted.



I am delighted to report that NUCL has been selected as a **finalist for three ChemLuminary Awards** this year. This recognition reflects the dedication, creativity, and sustained efforts of our volunteers, organizers, and members. It is a testament to the impactful programming, outreach, and engagement that continue to strengthen our division. Thank you to everyone who has contributed to this success—you are what makes NUCL such a vibrant and active community. The three awards center on the Nuclear Chemistry Summer School, Advancing Belonging in NUCL, and joint programming with Central New Mexico Local Section for the 2025 ACS Rocky Mountain Regional Meeting. The ChemLuminary poster session and awards will be on Sunday, 23 Aug. Please come by and say hi and celebrate our division with me if you happen to be in Chicago in time for this. I will also be at ACS Connect that evening to network

We continue to improve our digital presence to better serve members and the broader nuclear chemistry community. Please take a moment to visit nucl-accs.org and explore the latest updates. We encourage you to share any additions, corrections, or ideas you would like to see reflected on the site. Keeping the website current depends on your input, so do not hesitate to reach out with updates from your institution, group, or activities. Additionally, check out and contribute to our [LinkedIn feed](#).

Planning for the upcoming **ACS Fall National Meeting** is well underway, and our programming is shaping up to be both engaging and diverse. Our technical sessions will highlight advances across nuclear chemistry, radiochemistry, and related fields, along with opportunities for networking and collaboration.

We sincerely hope to **see you at the Fall meeting**. These gatherings are invaluable opportunities to reconnect, share ideas, and build new collaborations. Whether you are presenting your work, attending sessions, or participating in division events, your presence contributes to the strength, visibility, and diversity of our community.

You may begin to notice **new ACS branding elements** rolling out, including an updated logo and refreshed color schemes. These updates are part of a broader effort to modernize and unify the ACS brand. NUCL will be adopting these elements in our materials and outreach where we can, so keep an eye out for these changes across our platforms.

While we prepare for the upcoming Fall meeting, we are already looking ahead. **The Spring 2027 ACS National Meeting program is set**, and we encourage you to plan your contributions. **Abstract submissions will be open August/September**, so be ready to share your latest research and innovations. Your participation ensures that NUCL continues to showcase cutting-edge scientific advancements and diversity of our members.

Thank you again for your continued engagement and support of the NUCL Division. I look forward to connecting with many of you soon and to continued growth and success of the division.

Cheers,

Dustin Demoin

2026 Chair

ACS NUCL

GRADUATE PROGRAM VISIBILITY

- Dustin Demoin and Outi Keinaenen -

We Need Your Help!

Whether you're a student searching for graduate programs or a faculty member representing one, the NUCL Division's Graduate Schools List is an important resource for the nuclear and radiochemistry community.



Students: Check out the list to explore potential graduate programs in Nuclear Chemistry, Radiochemistry, and Nuclear Technology.

Faculty & Program Representatives: Help us ensure the list is complete and current.

The NUCL Division upkeeps a list of graduate programs related to Nuclear Chemistry and Technology, and Radiochemistry in the United States. If you need your information updated or want to be added to the list, please send us an email ([email](#)).



We would love to include all radiochemistry and nuclear chemistry programs in the list!

NATHALIE A. WALL AWARDED THE 2026 W. FRANK KINARD AWARD FROM NUCL DIVISION

- Kondapa Naidu Bobba on the behalf of the Selection Committee -

On behalf of the Kinard Award Selection Committee, we are pleased to announce that Nathalie A. Wall has been selected as the recipient of the Kinard Award.

The Kinard Award recognizes outstanding contributions to nuclear science through excellence in research, mentorship, education, innovation, and service to the scientific community. After careful review and thoughtful consideration of the nominations, the Selection Committee selected Professor Wall in recognition of her exceptional achievements, sustained leadership, and significant impact on the field.

To complete this announcement, Prof Nathalie A. Wall kindly agreed to answer a couple of questions.

Nathalie, what does it mean for you to receive the Kinard Award?

The Kinard Award is an extraordinary honor because it celebrates service that strengthens the nuclear science community for the long term. To receive it tells me that the programs I've helped build, the students I've mentored, and the leadership roles I've taken on have contributed to something larger than myself. I am deeply thankful to the colleagues who nominated me—knowing that they value my contributions makes this recognition especially meaningful. It reinforces my commitment to continuing that work: expanding educational opportunities, supporting early-career scientists, and ensuring NUCL remains a vibrant, welcoming, and impactful division.

Today, you are a group lead in University of Florida, but also the interim Nuclear Engineering Program Director. What led you to academia?

My move into academia was serendipitous. After several years in the national lab system at Sandia, I wanted to explore a different way to contribute to nuclear science—one that would allow me to influence both people and the field itself. Academia offered that opportunity. I quickly realized that faculty life is fundamentally entrepreneurial: you build a research program, manage contracts, hire and mentor students, and oversee budgets and operations. That combination of scientific impact, student development, and program leadership is what ultimately led me to academia and continues to motivate me.



What is the Wall's Group up recently? Any publication to watch for?

The Wall Group is currently engaged in several high-impact research efforts. To strengthen nuclear forensic methodologies, we're examining the fundamental chemistry that controls the separation processes used to characterize samples. In parallel, we're addressing challenges in used-fuel reprocessing by studying the chemical pathways that lead to unwanted solid formation during fuel dissolution. We're also pursuing innovative strategies for producing Pu-239 required for radioisotope thermoelectric generators (RTG – heat systems for remote space explorations).

Given our sustained focus on separation science, we've initiated a coordinated series of review papers covering the chemical separations of elements central to industrial processes, nuclear forensics, and reprocessing. The first review—on transition-metal separations using commercial neutral extractants ([link to article](#)) - has already been published, and two additional reviews will be released in the next two to three months. We also have several other really interesting papers nearing submission and publication - new mechanistic insights, new separation strategies, and some surprising chemistry that we're eager to share with the community.

Final question, do you have any word of wisdom for the early career radiochemist?

My advice to early-career radiochemists is to cultivate both scientific depth and practical wisdom. Learn the chemistry deeply, but also learn how systems operate - how to troubleshoot equipment, how to streamline a process, how to improve a workflow, and how to manage costs. These skills make you a stronger scientist and a more effective leader. And never underestimate the human factor. Radiochemistry is a small field, and your ability to collaborate, communicate, and support others will define your trajectory. Build trust, invest in relationships, and contribute positively to the community. Technical excellence matters, but human excellence sustains a career.

Please join us in congratulating [Professor Wall](#) on this well-deserved honor. The award will be presented at a future ACS National Meeting.

NOTE FROM THE EDITOR: DEBORAH AND NATHALIE RECUSED THEMSELVES FROM THE SELECTION PROCESS TO ENSURE A FAIR AND IMPARTIAL REVIEW, AS NATHALIE WAS ONE OF THE NOMINEES. THEREFORE, NAIDU CHAIRED THE SELECTION COMMITTEE WITH TWO OTHER MEMBERS.

NATIONAL MEETING PROGRAMING

If you would like to propose a symposium for after Spring 2027, you need to fill out this [form](#). Please note that this submission is added to a time-stamped queue used to determine priorities with available sessions.

Fall 2026 – Chicago (IL)

August 23-27 (Abstract were due 30 Mar 2026)

ACS
FALL 2026
AUGUST 23–27 | CHICAGO



- **Mon & Tue (AM & PM) – Molten Salt Symposium - Joint symposium with I&EC**
Organizers: [Joanna McFarlane](#) (ORNL); [Hunter Andrews](#) (ORNL); [Vyacheslav Bryantsev](#) (ORNL); [Alexander Ivanov](#) (UTK); [Erich Molitor](#) (DOW); [Juliano Schorne-Pinto](#) (USC); [James Wishart](#) (BNL)
Poster session Tues 6-8 PM
- **Mon (PM) – User Facilities for Nuclear & Radiochemistry**
Organizers: [Tyler Spano](#) (ORNL); [Derek McLain](#) (ANL)
- **Mon (8-10 PM) – Sci-Mix**
- **Tue-Thu (AM & PM) – Empowering Actinide Science and Talent Through the Glenn T. Seaborg Institutes Including a Tribute to Darleane Hoffman - Joint symposium with INOR & ENVR**
Organizers: [Rory Kennedy](#) (INL); [Rebecca Abergel](#) (LBNL); [Timothy Dittrich](#) (LANL); [Franz Freibert](#) (LANL); [Jerome Robinson](#) (Brown); [Samantha Schrell](#) (ORNL); [Ping Yang](#) (LANL); [Mavrik Zavarin](#) (LLNL)
- **Tue (noon to 1:30 PM) – NUCL Division Meet-up**
Organizers: [Dustin Demoin](#) (EZIP); [Tyler Spano](#) (ORNL); [Breanna Vestal](#) (ORNL)
- **Tue (PM) & Wed (AM) – General Topics in Nuclear and Radiochemistry**
Organizers: [Dustin Demoin](#) (EZIP); [Nerissa Viola](#) (Wayne State)
Poster session Wed 6-8 PM
- **Tue (6-7 PM) – NUCL Division Business Meeting**
- **Tue (after Business Meeting) – NUCL Division Social**



Spring 2027 – New Orleans (LA)

March 21 – 25 (Program due to ACS by 1 Jul 2026)

Please contact [Deborah Penchoff](#) for more information. Currently proposed symposia for the meeting:

- **General Topics in Nuclear and Radiochemistry**
Organizers: Dustin Demoin (EZIP), Megan Stewart (Pharmalogic)
- **Next-Generation Science and Technologies for Critical Minerals and Materials Supply Chain**
- Joint symposium with **I&EC & ENFL**
Organizers from NUCL: Vanda Glezakou (ORNL), Frederico Zahariev (ISU), Christine Duval (CWRU)
Organizers from I&EC: Subho Pramanik (ORNL), Santa Jansone-Popova (ORNL)
Organizers from ENFL: Greeshma Gadikota (CU)
- **Nuclear and Energy: From Fuel to Waste (JOINT: ENFL)**
Organizer: Tyler Spano (ORNL), Deborah Penchoff (UCF), George Cobb (BU), Yinhao Wen (GT)
- **Nuclear Forensics**
Organizers: Nathalie A. Wall (UF), Howard Hall (UTK), Ashley Shields (ORNL), Deborah Penchoff (UCF)
- **Pride in the Bayou (JOINT: PROF)**
Organizers: Connor Holiski (LLNL), Brodie Barth (ORNL), Dustin Demoin (EZIP); Tyler Spano (ORNL), Vanessa Sanders (EZA), Ivis Chaple Gore (Moffitt)
- **Radiochemical Separations: In Memory of E. Philip Horwitz**
Organizers: Dustin Demoin (EZIP), Lætitia Delmau (ORNL), Chirag Vyas (FRIB/MSU), Dan McAlister (Eichrom)
- **Young Investigators in Nuclear and Radiochemistry**
Organizers: Dustin Demoin (EZIP), Chirag Vyas (FRIB/MSU)
- **Seaborg Award Symposium**
Organizers: TBD



Fall 2027 – San Diego (CA)

August 22 – 26 (Program is due to ACS by 1 Nov 2026)

Please contact [Sarah Finkeldei](#) for more information.

Currently proposed symposia for the meeting:

- **HPC, Data Science & AI Applications in Nuclear and Radiochemistry**
- **In Memory of Darleane C. Hoffman**
- **Environmental Radiochemistry (JOINT: ENVR, GEOC, I&EC?)**
 - **General Topics in Nuclear and Radiochemistry**
 - **Nonproliferation Stewardship Program**
 - **Kinard Award Symposium to Honor Nathalie A. Wall**
 - **Spectroscopic and Scattering Vistas in Heavy Element Chemistry**
 - **Fueling the Final Frontier: Nuclear Chemistry & Technology for Space**
 - **In Honor of Dave Clark (JOINT: INOR?)**



REGIONAL MEETINGS AND OTHERS

1st NESACS Radiopharmaceutical Sciences Symposium

Sponsored by **NUCL, Mariana Oncology and Pfizer**

October 8, 2026 Cambridge, MA

Poster abstracts close Friday, August 17, 2026 at 5 pm.

Presentations:

- **From Barriers to Breakthroughs: Advancing PET Tracers to Detect and Track Immune Responses in CNS Diseases**
Michelle James – Stanford University
- **Molecular Imagine Application in Autism Spectrum Disorder**
Nicole Zurcher – Martinos Center, MGH, HMS
- **Development of a PET Probe for Imaging Renal Fibrogenesis**
Hua Ma – Martinos Center, MGH, HMS
- **Noninvasive Imaging of Inflammation**
Mohammed Radishian – Dana-Farber Cancer Institute and HMS
- **Assessing Drug Distribution with Click-Chemistry**
Brendon Cook – Biogen



**JUNE 6-11
2027**

**34th
MILLER CONFERENCE
2027** on radiation chemistry

**Stockholm
Sweden**

EMAIL:
MILLER2027@KTH.SE
more info soon
to follow

Hosted at
Marholmen, Norrtälje

34th Miller Conference

June 2027

Stockholm, Sweden

Mark your calendars for the 34th Miller Conference occurring June 2027 in Stockholm, Sweden. Held every two years, the conference is the main event hosted by the Miller Trust since 1959. Named for the late Dr. Nicholas Miller, it is the mission of the trust and conference to advance public education and research concerning the chemical effects of radiation. Stay tuned for updates about the conference website and deadlines through the NUCL Division newsletter and social media accounts.

LET'S TALK ABOUT SPANOITE!

- Thibaut Lecrivain -

For those of us that spend our free time wondering “hey, what’s new with mineralogy recently?” and go on mindat.org to get an answer to that question, you might have run into a new entry. A small pointy yellow crystal, Mindat ID: 499395, responding to the sweet name of “Spanoite”. If that name does not sound completely unfamiliar to us in the division, it is because this mineral has been named after our Chair Elect Tyler SPANO! So, let’s learn a little more about that mineral!

Crystal System:	Monoclinic
Class (H-M):	2/m – Prismatic
Space Group:	P2 ₁ /c
Cell Parameters (Å)	a = 6.8535(5), b = 8.4214(4), c = 10.5181(6) β = 105.364(4) °
Ratio (a:b:c):	0.814:1:1.249
Unit Cell V (Å ³)	585.37



Photo of spanoite, from mindat.org

The chemical formula is $\text{Tl}_2[(\text{UO}_2)_2(\text{V}_2\text{O}_8)]$, which is similar to an anhydrous carnotite* with a substitution of potassium by thallium. (*Yes, it is named after the son of Carnot, the French thermodynamic guy that gave all of us nightmare in phy-chem, but I digress). The carnotite group is one of the most common secondary ores for uranium, and vanadium. They are small local oxidated inclusion of

uranium vanadate inside sedimentary sandstone, created as an alteration/migration product of neighboring uranium and vanadium rich ores. The topology can be summarized by small pentagonal bipyramid of uranium oxide, sharing an edge with a square pyramidal vanadium. This organization forms a sheet topology, with enough free space for larger cations, like thallium. Which means that, we can only assume, it is pretty low on the Mohs scale (I fear there will be no Spanoite pendants at the next NUCL socials...). Spanoite, before finding itself under Tyler’s instruments, can be found in Lincoln County, Nevada, USA (like most of the carnotites, it is on the Colorado Plateau).



Once again, let’s all congratulate Tyler for the honor to get a mineral named after her, as an appreciation of all her hard work and contribution to the mineralogy field.

OUR ONLINE PRESENCE

Find us on your social media and on our website



[LinkedIn](#)



[Facebook](#)



[X](#)
(Formerly Twitter)



[Website](#)

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 (awards@nucl-acs.org)

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

The Coryell Award

Nominations due Jan 1, 2027

The Charles D. Coryell Award honors undergraduate students who have completed research projects in nuclear or nuclear-related areas. For more information, please check out the award [website](#).

- Nominations form [here](#)

The Seaborg Award

Nominations due Dec 15, 2026

The Glenn T. Seaborg Award for Nuclear Chemistry is a National ACS award that is sponsored by the NUCL Division that recognizes and encourages research in nuclear and radiochemistry or their applications. Nominees must have made outstanding contributions to nuclear or radiochemistry or to their applications.

- Nominations form [through the ACS website](#)

ACS Fellows

Nominations due April 2027

The American Chemical Society (ACS) Fellows Program was created by the ACS Board of Directors in December 2008 to recognize members of the ACS for outstanding achievements and contributions to science, the profession, and the Society. The NUCL Division can nominate up to 4 individuals each year and each individual member can nominate up to 1 individual per year. If you have someone in mind who should be nominated, please [contact us](#). If you would like more information including information on which ACS members are ACS Fellows, [click here](#).

ADVERTISING FOR THE DIVISION

Last year, we created an advertisement of the division for our members to share or print and display at their facilities. The objective of this advertisement is to reignite the awareness of younger radiochemists about the division and to direct them to our website (where they can register to the division). You can find that ad at the end of the newsletter, and attached to the email. We would really appreciate if faculties, national laboratory and industry mentors could relay the ad to internes and students, and also eventually print it and display it in their facilities.

Let me know if you have any question ([mail](#))

- Thibaut Lecrivain

JOB POSTING

Job postings for NUCL opportunities can now be found on our new [website](#) and on [LinkedIn](#) – Check out and spread the word! You can also submit a job posting here: [link](#)

ACADEMIA

Reactor Facility Manager

University of California, Irvine

We are hiring a new Reactor Facility Manager for UC Irvine's TRIGA Mark I reactor. Come join our team. We are seeking an experienced project manager and engineering professional with in-depth understanding of the nuclear field to independently perform the full range of responsibilities in our Nuclear Reactor Facility. This role requires compliance with campus and Nuclear Regulatory Commission regulations, broad job knowledge, and the ability to analyze diverse problems and determine effective solutions.

- View job posting here: [link](#)

Research Specialist

University of Missouri Research Reactor (MURR)

The University of Missouri Research Reactor (MURR) is seeking a highly motivated Research Specialist to join our team. This position offers a unique blend of hands-on research and managerial responsibilities, providing an excellent opportunity for professional growth. You will contribute to cutting-edge research in medical radionuclide production and radiometal chelation systems, helping advance the development of novel radiopharmaceuticals for early cancer detection and treatment.

- View job posting here: [link](#)
- More information: [pdf](#)

Assistant Professor Radiochemistry

University of Nevada Las Vegas

The University of Nevada, Las Vegas invites applications for Assistant Professor Radiochemistry, Department of Chemistry & Biochemistry [R0150293].

The new tenure-track Assistant Professor will be expected to: a) contribute to the undergraduate and graduate teaching in Chemistry, Inorganic Materials, Nuclear Science and Radiochemistry, b) develop a vigorous externally-funded research program in an area of Radiochemistry (e.g. radioanalytical, separations, forensics, radiopharmaceuticals, synthesis, or any other closely related research area emphasizing science involving the radioelements) c) engage in service to the University and community, and d) mentor undergraduate and graduate students in research through laboratory engagement and direct supervision.

The new faculty member will primarily teach undergraduate and graduate courses in radiochemistry and its uses while contributing to the existing courses in the chemistry department. The position also includes an expectation to contribute to the continued development and delivery of the UNLV undergraduate radiochemistry curriculum.

Exploiting and actively utilizing existing radiochemistry laboratory equipment and facilities is expected, consistent with the program's longstanding collaborative and cooperative research culture. Successful applicants will develop a rigorous, externally funded research program that contributes to the research and education mission of the Radiochemistry Program while participating in the maintenance, expansion, and shared use of radiochemistry infrastructure. The successful candidate is also expected to provide scientific and programmatic leadership in ongoing and emerging research initiatives, and to build upon existing faculty collaborations, professional networks, and external partnerships to ensure continuity and future growth of the UNLV Radiochemistry Program's research and educational activities.

- View job posting here: [link](#)

Health Physicist

Eckert & Ziegler Isotope Products (Southern CA)

We're looking for a motivated professional to join our Health Physics team in Southern California. Candidates should have a BS or MS in Health Physics (or a related field), with experience in Health Physics, radiation protection, chemical safety, or working alongside HP teams preferred. This role involves developing, reviewing, and maintaining Health Physics and Safety policies and procedures. If you're interested, please review the full job posting. Strong performance, relevant experience, and demonstrated expertise may lead to future growth and advancement opportunities.

- View job posting here: [link](#)

Join the Division of Nuclear Chemistry and Technology (NUCL) in the American Chemical Society

Join a community of chemists with a field of applications in:

- Energy
- Medicine
- Defense
- Environment
- Forensics
- Others...

CONNECT

NUCL brings together nuclear scientists, radiochemists, and other professionals from across geographical and institutional boundaries, creating a unified voice for our specialized field

ADVANCE

Together, NUCL members enhance their professional development, advance nuclear science, and mentor the next generation of nuclear chemists

COLLABORATE

Through NUCL's national meetings and technical programs, members share research, develop partnerships, and forge professional relationships that drive innovation

Scan to join



Students join free!!



Look for **ACS NUCL** in your favorite search engine and join us!