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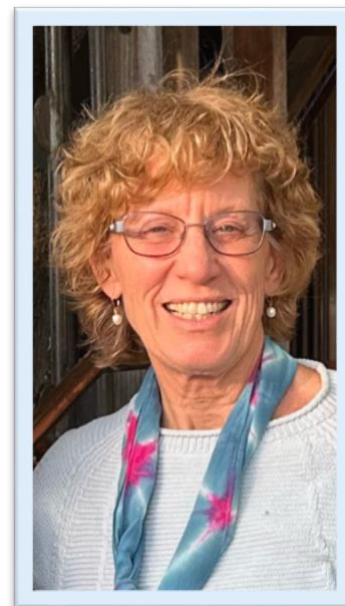
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FROM THE CHAIR

Annie Kersting

Greetings everyone,

We had a successful Spring ACS meeting in sunny San Diego despite the last minute uncertainty over current research funding and travel. I want to thank our program chairs, Deborah Penchoff, Todd Bredeweg and Sarah Finkeldei. Deborah led the spring effort and was busy making sure the technical meetings were organized and ready to go. It is quite a bit of effort, and we are eternally grateful!! We moved the business meeting to Monday so as not to conflict with the Seaborg Award dinner, and that worked out well. As the meeting formats change, we may need to alter the day/time of the meetings, so please check out the ACS meeting schedule for the fall NUCL Division meeting date. We kicked off the meeting by presenting Justin Walensky a plaque commemorating his outstanding leadership in 2024 when he was the chair of the NUCL division.



We also had the pleasure to congratulate and present awards to the three 2024 nuclear chemistry summer school outstanding student awards. They went to Jessica Samol and Kevin O'Neil from the BNL site and Ryan Pinard from the SJSU site. ACS is changing the way we do our programming, and the details are summarized later in this Newsletter. ACS expects to roll out many of the changes at the next fall meeting, so stay tuned. For those organizing or thinking about organizing technical sessions, please contact the programming committee to get some clarity on the future sessions and time slots. Graham Peaslee is currently a counselor through 2026, and would like to rotate off this position. Julie Ezold has graciously agreed to fill his position through 2025, when we will vote on his replacement. If interested in running for this position or anything others, please contact one of the chairs (Me (kersting1@llnl.gov), [Dustin](#), and/or [Tyler](#)). We covered quite a bit of information at the Business meeting and the minutes were written up by Dustin and Melisa and added at the end of this Newsletter. The happy hour followed the business meeting per usual and the beer and food filled us up as we chatted with both old and new colleagues.

I had the wonderful pleasure of attending the ACS awards banquet and presenting Dr. ManYee Betty Tsang with the Glenn T. Seaborg award for nuclear chemistry. There were several sessions in the NUCL division honoring her exceptional research contributions related to the equation of state of nuclear matter and neutron stars, production of unstable nuclei, and the dynamics of heavy-ion collisions. You can read more about her outstanding work in the Jan, 9, 2025 CE&N newsletter.



We also had an Executive meeting the week following the spring meeting that summarize much of the Spring business meeting. **In addition, I'm happy to report that we unanimously voted to wave the student dues to join the NUCL division.** This and other efforts are aligned with trying to increase membership to the NUCL division. This change goes into effect for 2025, and will be reflected on our website in June.

If you missed the San Diego meeting, I hope you have signed up to join us for the Fall meeting in Washington D.C.

-Annie

COUNCILOR'S REPORT

Graham Peaslee

The ACS governance structure is largely comprised of elected councilors that represent either Divisions (20%) or Local Sections (80%). The Nuclear Division is one of 34 Divisions and is large enough to have two ACS councilors who represent our interests at the Council Meeting held at every national meeting. This Spring in San Diego I attended the council meeting in person, and since Matt Gott could not attend, Julie Ezold (our alternate councilor) attended the council meeting virtually as the second NUCL councilor. There were 428 councilors there in person, and about another 110 there virtually as we went through the typical four-hour governance meeting of the ACS and several votes on several items. Division councilors are also often tapped to serve on ACS sub-committees that discuss matters that can impact the Division, but I have just rotated off the Divisional Activities Committee and Matt being newly elected has not been asked to serve on a committee yet. Together with the Nuclear Division members that represent local sections, Councilors are supposed to funnel information from the ACS governance to the Nuclear Division members and they also convey concerns from the membership back to the ACS leadership.

The Spring 2025 ACS National Meeting was held live from 23-27 March in San Diego. As of March 26, there were 15,332 registered attendees (14,251 in-person and 1,081 online). The size of this meeting resembled the size of pre-covid ACS meetings although there were many last-minute travel cancellations resulting in missing presentations noticeable among almost every session – more than usual – mostly from Federal agency employees. Discussion in the council as well as around the meeting brought this up several times. Julie has submitted a good synopsis of the Council meeting (also in this newsletter) so I will just add a few other observations as a veteran of 13 years of council meetings. Please bear with my rambling report.

As usual, the ACS goes through memorials for former councilors at the opening of the council meeting, and one of the local section councilors from Minnesota who died in the past year was Wayne C. Wolsey. He also happened to be a life-long member of the Nuclear Division as well as a local section councilor, and he was a friend and mentor to me as I got to know the ACS. He is missed.

Next, we got to narrow the slate of candidates from four to two for the President-elect of the ACS election to be held in the Fall. Christina Bodurow and Dawn Mason will be your two candidates running for the office of president of the ACS next year. Please take a few minutes to read their biographies and statements when they are sent around at the end of the summer and vote for whom you think will best run the behemoth organization that is the ACS in 2026. With its 100,000 members or so, it represents the largest single disciplinary scientific society and has the lobbyists to actually influence things on behalf of us all – your vote is still the best option you have to influence what the ACS should do in these tense political times. If you are paying membership dues, I would urge you to take the time to vote next Fall – it is always important to do and it remains so.

While the agenda continued through a litany of talking points and votes, the basic concerns of the society centered about retaining its membership. The ACS reached its peak membership around the year 2000 at about 150,000 members, and it has dropped off over the past 25 years slowly down to its current roll of about 100,000 members. Part of the drop-off has been due to demographics – the baby-boomers are retiring in droves, and part of the membership decline has been the reduction in the

number of industrial chemists who join the ACS. The membership was never 50-50 with academia and industry, but with the evolution of the chemical industry over the past 25 years, the number of industrial chemists who become members has dropped significantly. Thus, there is always lots of talk about what we should do about membership – and indeed, even within our Division we worry about our income from the ACS, which is allocated to us as a Division partly based on how many members we have. We use this funding to help



*Picture from the NUCL social during the ACS spring meeting
San Diego CA, at the Stout Public House*

provide meeting programming for the most part, and last year we applied for an innovative project grant and got a match of \$7500 to overhaul the Nuclear Division website – that should appear this summer. Hopefully, with a new website and a bunch of enthusiastic new officers, we will continue to be able to provide programming and other services that make membership in the Division (and the ACS) worth the expense. The ACS is holding the annual membership costs constant this year at \$160, and the Nuclear Division dues will remain at \$25 annually, but we have voted to drop the cost to zero for student members of the Division. Relative to the rest of the ACS, the Nuclear Division has not experienced the same decrease in membership over the past 15 years – we were around 700 members in 2010, and while we topped 1000 members after a couple of membership drives sometime around 2018, we are now around 750 members. We never had a lot of industrial members in our Division and we have had some very energetic officers reinvigorate the Division over the past decade, so we are doing well with respect to membership and finances. If you have suggestions about how to make the Division more worthwhile for you, be it relevant scientific programming content, more networking opportunities and career assistance, or anything else, please send them to your elected officers (the new website will help facilitate that) and also consider becoming a volunteer officer yourself. Both the Division and the ACS benefit from the efforts of the Nuclear Division.

Lastly, please check out the three different types of grants that are available to Divisions (and Division members) from the ACS: <https://www.acs.org/funding/grants/technical-division-innovative-project-grant.html> Typically, if you can propose a good idea and get the executive committee to agree (usually by email), these applications are only a few pages long. We have had an excellent track record of obtaining them, but we should be applying every year to try new things.

ACS SPRING 2025 COUNCILOR'S MEETING

Julie G. Ezold, Alternate Councilor

This year's Spring Councilor's Meeting was held on Wednesday, March 26th. Two items that stood out to me were the discussions on the recommendation of the formation of a committee that supports and recognizes the LGBTQBT+ chemistry professionals and their allies and the approval of three new international chapters.

Details regarding the establishment of the Committee on the Advancement of LGBTQBT+ Chemists (CALC) can be found on page 62 of the agenda ([link to the agenda](#)). The Committee on Committees will be seeking Council approval of this recommendation during the Fall meeting in Washington, DC. There were several attendees who spoke up during the discussion of this item. The majority were supportive and voiced that ACS needs this commitment for inclusivity to avoid losing current and future members. The minority spoke that this committee would further segment ACS. A discussion followed sighting "pillars" versus "silos"

The Committee on International Activities brought forth action the petition to charter three new international chapters: Ecuador, Ghana, and Northeast China. The discussion was contentious with respect to the Northeast China chapter. A motion/vote was made to separation the three chapters and have separate votes for each. There were no concerns regarding Ecuador and Ghana. What was confusing is that China already has six (6) chapters, the Northeast chapter was being formed to include provinces that were not covered in the existing chapters. In the end the Northeast China chapter was approved.

There were close to 180 online participants and the meeting lasted for almost four hours.

I am available to answer any questions.

Kind regards,

-Julie

SURVEY COMING SOON!

NUCL Climate Survey -

Tyler Louise Spano

The DEI&B Committee will be reaching out to NUCL division members to participate in an optional survey to assess the climate within the division. Please consider participating and sharing your insights!



UNVEILING OUR NEW DIVISIONAL EMAIL ADDRESSES

Dustin Demoin

All, we have noticed that it can be daunting during meetings and conversations to know who the correct person is to send emails to. So, we have created email addresses that will be directed to whomever is the current person fulfilling that role for the division. For instance, vice_chair@nucl-accs.org points to whomever is Vice-Chair. We are still in the process of updating the website and are hoping to have something to show the membership soon, so please look forward to that. We have also created a Gmail account, but that email is not regularly checked. That one is going to be used to house documents and other divisional items so that people do not need to store divisional items on their own computers. Thanks again to Annie Kersting, 2025 NUCL Division chair, for spearheading the effort to put together a team and get funding from the ACS organization to tackle the website update. Also, big shout out to our Web Coordinator, Chris Klug, for helping to get emails created and working to help update our current website so that the transition to the new website will be with updated/current content. List of emails we have created:

Officers

- ✉ chair@nucl-accs.org
- ✉ chair_elect@nucl-accs.org
- ✉ vice_chair@nucl-accs.org
- ✉ secretary@nucl-accs.org
- ✉ treasurer@nucl-accs.org
- ✉ councilors@nucl-accs.org
- ✉ members_at_large@nucl-accs.org

Committees

- ✉ communications@nucl-accs.org
- ✉ DEIB@nucl-accs.org
- ✉ NCSS@nucl-accs.org
- ✉ Volunteer@nucl-accs.org
- ✉ awards@nucl-accs.org

Let Chris Klug know if there are other email addresses you think would be beneficial.

DIVISION INNOVATIVE PROJECT GRANTS

Submission Deadlines

For the fall cycle:

- July 15

The ACS Divisional Activities Committee (DAC) funds new Division projects through Division Innovative Project Grants (IPGs). This program encourages the creation of innovative projects that will serve Division members, encourage strategic planning for future division success, and foster collaborative projects

among divisions and other governance groups. This program also seeks to broaden successful innovations from one Division to others.

IPG applications are accepted biannually. This award is \$7,500 for one division, \$16,000 if two divisions jointly submit a proposal, and \$25,000 if three divisions jointly submit. An important change for joint IPGs is that divisions only need to submit **one** application and the total funding available is **more** if submitted as a joint proposal. All IPG projects must be completed within two years. Divisions are allowed to have only two applications open at any one time. Proposals submitted between July and February will be reviewed at the Spring ACS National Meeting and proposals submitted between February and July will be considered during the Fall review cycle. Maximum funding for a division is \$12,500 for the calendar year.

More detail here: [ACS-IPG](#)

Apply for an IPG here: [Apply](#)



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).



FALL 2025 – Washington, D.C.

Please contact [Sarah Finkeldei](#) for more information. Below are the planned symposia for the meeting. Late abstracts are accepted until 25 Apr 25 (Contact organizers directly to submit).

Future Vistas in Physical and Chemical Chemistry of Heavy Element Chemistry

Organizers: [Gian Surbella](#) (PNNL), [Herman Cho](#) (PNNL), [Julie Niklas](#) (GT)

Nuclear Forensics

Organizers: [Ken Czerwinski](#) (UNLV), [Todd Bredeweg](#) (LANL), [Jim Bowen](#) (PNNL), [Deborah Penchoff](#) (UCF), [Ashley Shields](#) (ORNL)

Empowering NUCL & ACS-PRIDE Networking Meet-Up (Sunday)

Organizers: [Dustin Demoin](#), [Tyler Spano](#), [Vanessa Sanders](#), ACS-Pride

Young Investigators in Nuclear and Radiochemistry

Organizers: [Gian Surbella](#) (PNNL), [Sarah Finkeldei](#) (UCI)

PRES: Nuclear Today & Tomorrow

Organizers: [Zach Heiden](#) (WSU), [Nicolas Uhnak](#) (PNNL), [Deborah Penchoff](#) (UCF), [Dustin Demoin](#) (EZIP)



Spring 2026 – Atlanta, GA

March 22-26 (Program due by May 2025)

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



☼ Empowering Actinide Science and Talent through the Glenn T. Seaborg Institutes

Organizers: J. R. Kennedy, P. Yang, M. Zavarin, R. Abergel, S. Schrell

☼ Facilitating Advances in Nuclear and Radiochemistry through Computational Science

Organizers: A. Shields, D. Penchoff, S. Finkeldei, C. Peterson

☼ General Topics

Organizers: D. Demoin, O. Keinänen

☼ Horizon-broadening Isotope Production Pipeline Opportunities Program (HIPPO)

Organizers: T. Mastren, L. McIntosh

☼ In Honor of Professor George Schweitzer

Organizers: Deborah Penchoff, Jack Burn, John Auxier

☼ Integrating Multiscale Modeling and Experimental Insights in Rare Earth Element Research

Organizers: D. Penchoff, C. Peterson, A. Shields, S. Finkeldei

☼ Radiopharmaceutical Chemistry – from Academia to Industry

Organizers: S. Lapi, N. Vasdev, I. Chaple Gore

Updates on the Website redesign

Annie Kersting



The Website Re-design team is hard at work on the NUCL website. We were able to show some of the improvements at the San Diego business meeting, while also soliciting input. We hope to launch the site in June. The plan will be to ask for feedback while we continue to work on modifications and expanded content through the 2025 calendar year.

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, nathalie.wall@ufl.edu).

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

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

OUR ONLINE PRESENCE

Find us on your social media and on our website



[LinkedIn](#)



[Facebook](#)



[X](#)
(Formerly Twitter)



[Website](#)

JOB POSTINGS

University of Oklahoma: Two faculty positions

The **Department of Pharmaceutical Sciences** at the **University of Oklahoma College of Pharmacy** seeks a **full-time radiopharmacist/nuclear pharmacist at the assistant professor rank** to support the PET Production Facility as well as nuclear pharmacy operations. Responsibilities will include active participation in the day-to-day operation of cyclotron for production of clinical/research doses, teaching, and research.

More information here: <https://apply.interfolio.com/164307>

They also seek a **full-time seasoned radiochemist and/or a molecular imaging scientist** at the rank of **Associate or Full Professor (tenure-eligible/tenure track)**. Responsibilities include active participation in clinical, research, and educational endeavors with the possibility of appointment at a leadership level.

More information here: <https://apply.interfolio.com/164276>

Sirtex Medical: Senior Program Manager – Radiopharmaceutical

Sirtex Medical is a global leader in healthcare, with offices in the U.S., Australia, Germany, and Singapore, dedicated to improving patient outcomes. The Sr. Program Manager-Radiopharmaceutical will focus on the successful initiation, execution, and monitoring of any Sirtex radiopharmaceutical programs or radiochemistry programs including new product development, technical transfer, clinical studies, regulatory submission, and commercial launch. This role will be at the forefront of technological development, working closely with both internal teams and external partners to ensure the seamless transfer of robust manufacturing processes. This role involves overseeing the end-to-end process for Radiopharmaceutical products, ensuring that they meet the highest standards of safety, quality, and compliance with global regulatory requirements.

NOTE: This is a Woburn, MA based position. Applicants will need to live in the Boston area, or be willing to relocate for this opportunity. Sirtex may be able to provide relocation assistance.

More information here: <https://jobs.smartrecruiters.com/Sirtex/744000047839322-sr-program-manager-radiopharmaceutical>

Ratio Therapeutics: Process Development Radiochemist

Ratio is seeking a Process Development Radiochemist to join our growing team of scientists. In this role, the successful candidate will be responsible for the radiopharmaceutical manufacturing process development. The ideal candidate has a track-record of successful technology development, enjoys working in a collaborative and fast-paced environment, and will seek to maintain trustworthy relationships with interdisciplinary teams at partner organizations.

More information here: <https://ratiotx.bamboohr.com/careers/53>



ACS
Chemistry for Life®



Division of the Nuclear
Chemistry & Technology

Presidential Event @ ACS Fall 2025

Nuclear : Today & Tomorrow

AUGUST | Washington, D.C.

*Organizers: Zachariah Heiden, Nicolas Uhnak,
Deborah Penchoff, & Dustin Demoin*

DON'T MISS THE : POSTER & NETWORKING RECEPTION

POSTER SPOTS AVAILABLE: LATE POSTER ABSTRACTS DUE APR. 25

Topics During Oral Program:

- Radiochemistry
- Radiopharmaceuticals
- Workforce/Education
- Nuclear Forensics
- Nuclear Nonproliferation
- National Security
- Isotope Production
- Data/AI
- Energy

Interested in Donating or Sponsoring?
Contact Zachariah Heiden
<https://www.wibs-acs.org/sponsorships>



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