



Division of Nuclear Chemistry and Technology  
American Chemical Society

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

Program Chair, 2023  
**RICHARD WILSON**  
Argonne National Lab  
Lemont, IL 60439  
Phone: (630) 252-1288  
[rewilson@anl.gov](mailto:rewilson@anl.gov)

Vice Chair, 2022  
Chair Elect, 2023  
Program Chair, 2024  
**JUSTIN WALENSKY**  
University of Missouri  
Columbia, MO 65211  
Phone: (573) 882-0608  
[walenskyj@missouri.edu](mailto:walenskyj@missouri.edu)

Vice Chair, 2023  
Chair Elect, 2024  
Program Chair, 2025  
**ANNIE KERSTING**  
Lawrence Livermore Nat'l Lab  
Livermore, CA 94550  
[kersting1@llnl.gov](mailto:kersting1@llnl.gov)

Secretary, 2023-2025  
**AMY HIXON**  
University of Notre Dame  
[ahixon@nd.edu](mailto:ahixon@nd.edu)

Treasurer, 2022-2024  
**BRIAN POWELL**  
Clemson University  
[bpowell@clemson.edu](mailto:bpowell@clemson.edu)

Councilors  
**SILVIA JURISSON**, 2022-2024  
University of Missouri  
[jurissons@missouri.edu](mailto:jurissons@missouri.edu)

**GRAHAM F. PEASLEE**, 2021-2023  
University of Notre Dame  
[gpeaslee@nd.edu](mailto:gpeaslee@nd.edu)

Alternate Councilors  
**PAUL BENNY**, 2021-2023  
**JULIE EZOLD**, 2021-2023

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**GLENN FUGATE**, 2022-2024  
**DEBORAH PENCHOFF**, 2021-2023

## NEWSLETTER

January 2023

Newsletter Editor: *Andrew Klose*  
Email: [andrew.m.klose@gmail.com](mailto:andrew.m.klose@gmail.com)

### Topics

- > FROM THE PAST CHAIR
- > FROM THE CHAIR
- > UPCOMING PROGRAMMING
- > NUCLEAR CHEMISTRY SUMMER SCHOOL
- > AWARDS NOMINATIONS COMMITTEE
- > JOB ADVERTISEMENTS

### FROM THE PAST CHAIR

*Nathalie Wall*

Happy New Year! It has been my pleasure to serve the division this past year and interact with NUCL's many talented people. I am delighted to introduce some of our 2023 officers: in particular, Richard Wilson is our 2023 Program Chair, Amy Hixon has been re-elected as secretary, and Annie Kersting is the new vice Chair. I want to thank all our division [officers](#) for what they do. I know we are in good hands under your leadership.

Cheers!  
NAW

### FROM THE CHAIR

Richard Wilson

I am looking forward to serving the ACS NUCL division as chair in 2023. I want to begin by thanking Nathalie Wall for her service as chair of the division and her continued service to the Division as past chair. Also, thank you to Thomas Albrecht-Schonzart for his service as past-chair and efforts in leading our awards committee.

I would also like to congratulate Annie Kersting on her election to the vice chair position for the division and Amy Hixon on her re-election as secretary. I want to thank all of the executive committee, our councilors, and the members of the division who volunteer their time and efforts in serving to advance nuclear science and our community.

As we continue to transition back to 'normal' life from the 'new normal' of the pandemic I am excited to see you all at the spring meeting, March 26-30, in Indianapolis. I would like to thank Tara Mastren for her efforts in organizing and coordinating an extensive program of technical sessions and programming at the spring meeting. Symposium topics Computational Science in Rare Earth and Actinides, Nuclear Forensics, Radiochemical Separations, and our Sci-Mix and General Topics symposia. Importantly, a symposium on Diversity, Equity, and Inclusion in Nuclear Science and Technology has also been organized.

Congratulations to our Glenn T. Seaborg Award recipient, Jason S. Lewis, for whom a symposium has been organized. The Frank Kinard Awards will be presented at a special symposium organized by Nathalie Wall. The Kinard awards recognize significant and distinguished service to the division.

Programming for the fall meeting in San Francisco is being coordinated by Gian Surbella with symposia covering Data Science and Artificial Intelligence Applications, Nuclear Forensics, Nuclear Materials and Targets, and our Young Investigators in Nuclear and Radiochemistry symposia. As always, early career and young investigators are encouraged to participate in organizing and assisting with the Young Investigator programming.

I am excited to work with all of the membership of NUCL and our scientific

community in making 2023 a great year for the division.

## NATIONAL MEETING PROGRAMMING

### SPRING 2023 – Indianapolis, IN

**March 26 - 30**

*Theme: Crossroads of Chemistry*

The 265th ACS National Meeting & Exposition will be held March 26 - 30, 2023 in Indianapolis, IN. The abstract deadline has passed. Please contact Tara Mastren (Tara.Mastren@utah.edu) for more information.

- **General Topics in Nuclear Chemistry and Technology**

*Organizers: Melissa Deri*

([melissa.deri@lehman.cuny.edu](mailto:melissa.deri@lehman.cuny.edu)) and

*Nicholas Esker*

([nicholas.esker@sjsu.edu](mailto:nicholas.esker@sjsu.edu))

- **Panel Session: Diversity Equity and Inclusion in the Nuclear Sciences**

*Organizers: Deborah Penchoff*

([dpenchof@utk.edu](mailto:dpenchof@utk.edu)),

*Tara Mastren*

([Tara.Mastren@Utah.edu](mailto:Tara.Mastren@Utah.edu)),

*Vasileios Anagnostopoulos*

([Vasileios.Anagnos@ucf.edu](mailto:Vasileios.Anagnos@ucf.edu)), and

*Tyler Spano* ([spanotl@ornl.gov](mailto:spanotl@ornl.gov))

- **Seaborg Award: Symposium in Honor of Jason Lewis**

*Organizers: Brian Zeglis*

([bz102@hunter.cuny.edu](mailto:bz102@hunter.cuny.edu)) and

*Kishore Pillarsetty*

([pillarsn@MSKCC.ORG](mailto:pillarsn@MSKCC.ORG))

- **Nuclear Forensics**

*Organizers:*

*Amy Hixon* ([Amy.Hixon.2@nd.edu](mailto:Amy.Hixon.2@nd.edu)),

*Tyler Spano* ([spanotl@ornl.gov](mailto:spanotl@ornl.gov)),

*Meena Said* ([said1@llnl.gov](mailto:said1@llnl.gov))

- **Frank Kinard Awards**  
*Organizers: Nathalie Wall*
- **Panel Session: Facilitating Advances in Nuclear and Radiochemistry through Computational Science**  
*Organizers:*  
*Deborah Penchoff ([dpenchof@utk.edu](mailto:dpenchof@utk.edu)),*  
*Charles Peterson*  
*([cpeterson@oarc.ucla.edu](mailto:cpeterson@oarc.ucla.edu)),*  
*Ashley Shields ([shieldsae@ornl.gov](mailto:shieldsae@ornl.gov)),*  
*and Sarah Finkeldei*  
*([sfinkeld@uci.edu](mailto:sfinkeld@uci.edu))*
- **Radiochemical Separations**  
*Organizers: Dustin Demoin*  
*([Dustin.Demoin@ezag.com](mailto:Dustin.Demoin@ezag.com)) and*  
*Laetitia Delmau ([delmaulh@ornl.gov](mailto:delmaulh@ornl.gov))*
- **Computational Science Applications in Rare Earth Elements and Actinides**  
*Organizers:*  
*Deborah Penchoff ([dpenchof@utk.edu](mailto:dpenchof@utk.edu)),*  
*Charles C. Peterson*  
*([Charles.Peterson@unt.edu](mailto:Charles.Peterson@unt.edu)) and*  
*Theresa Windus ([twindus@iastate.edu](mailto:twindus@iastate.edu))*

## **FALL 2023 – San Francisco, CA**

**August 13 - 17**

*Theme: Harnessing the Power of Data*

The 266th ACS National Meeting & Exposition will be held August 13 - 17, 2023 in San Francisco, CA. Contact Gian Surbella via email at [robert.surbella@pnnl.gov](mailto:robert.surbella@pnnl.gov) with any questions regarding the NUCL programming at the Fall 2023 meeting.

## **NUCLEAR CHEMISTRY SUMMER SCHOOL**

*Lynn Francesconi*

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 12, 2023 – July 21, 2023) 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 on-line application form can also be found on the web at:

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

*Important: this year, transcripts and letters of recommendation should be uploaded to the secure links accessed through the application website.*

The deadline for applications is February 15, 2023. 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

*Thomas Albrecht-Schoenzart*

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

### *Charles D. Coryell Award*

Any undergraduate who has been actively doing research in the nuclear chemistry field in the previous year is eligible for consideration of the Charles D. Coryell award. To nominate a student for this award (which includes a certificate and a \$1000 check), please submit a sample of the student's work (in the form of a written report or a publication), together with a nomination letter from the research mentor that describes

the extent and the nature of the student's involvement in the research. The nomination deadline is by June 1, 2023, and all application materials should be emailed to Thomas Albrecht-Schoenzart ([talbrechtschoenzart@gmail.com](mailto:talbrechtschoenzart@gmail.com)).

## JOB OPENINGS

The **Missouri University of Science and Technology** is searching for the Kummer Endowed Professor in the Department of Nuclear Engineering and Radiation Science. More information and the application can be found [here](#).

**Lawrence Livermore National Laboratory** is searching for a Radiochemistry Postdoctoral Researcher. More information and the application can be found [here](#).



**San Jose  
State  
University**

**San Jose, CA**

**Brookhaven  
National  
Laboratory**

**Long Island, NY**

# EARN CASH & COLLEGE CREDIT

The US Department of Energy (DOE) and Division of Nuclear Chemistry & Technology of the American Chemical Society (ACS) are sponsoring two INTENSIVE six-week Summer Schools in Nuclear & Radiochemistry for undergraduates. Funding is provided by the US Department of Energy.

Candidates should be undergraduates with an interest in nuclear science who are presently in their sophomore or junior year of study at a US college or university. They should have completed at least two years of chemistry, one year of physics, and one year of calculus. Applicants must be US citizens.

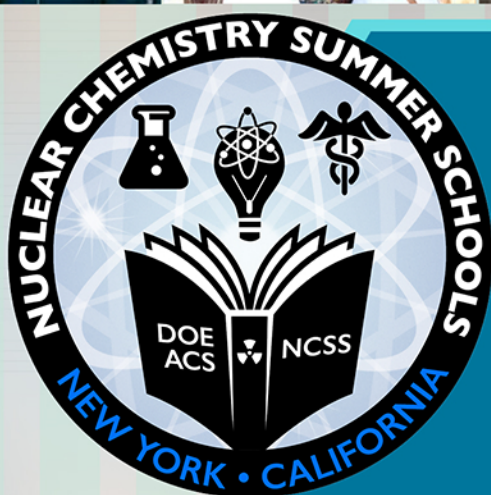
## DOE & ACS Nuclear & Radiochemistry Undergraduate Summer Schools

**June 12, 2023  
through  
July 21, 2023**

**Fellowships include a \$4000 stipend,** all tuition and fees, transportation to and from the Summer School location, housing, books, and laboratory supplies. Transferable college credit will be awarded through the ACS accredited chemistry programs at San Jose State University (7 units) or the State University of New York at Stony Brook (6 units).

**Completed applications must be received no later than February 15, 2023.**

Each Summer School is limited to 12 students. Announcement of awards will be made in early March 2023.



For more information, contact:  
**Prof. Lynn C. Francesconi, Director**

Nuclear & Radiochemistry Summer Schools  
Department of Chemistry  
Hunter College of the City University of New York  
New York, NY 10065

Phone (212) 772-5353 • Fax (212) 772-5332 • [lfrances@hunter.cuny.edu](mailto:lfrances@hunter.cuny.edu)

**Online application forms are available**  
at [https://www.nucl-acs.org/?page\\_id=1731](https://www.nucl-acs.org/?page_id=1731)