



Nuclear Chemistry & Technology Technical Division Administration Form 2014

Technical Division Administration Form - Governance	
1. Does the Division have a Vision and/or Mission Statement?*	<input checked="" type="radio"/> Yes <input type="radio"/> No
2. What was the date of the last Division long range/strategic planning session?*	12/3/2013
3. What are the primary challenges confronting your Division?*	Finding recurring support for the ACS Glenn T. Seaborg Award for Nuclear Chemistry. Securing a commitment from Federal Funding Agencies to continue the long-running Nuclear and Radiochemistry Summer Schools. Ensuring the ACS membership provides value to the NUCL members.
4. Were Division elections conducted according to its Bylaws?*	<input checked="" type="radio"/> Yes <input type="radio"/> No
5. What offices were filled by elections during the past year?	Vice Chair, Councilor, Alternate Councilor, and Member-at-Large of the Executive Committee
5a. Were any positions left unfilled that were expected to be filled?	<input type="radio"/> Yes <input checked="" type="radio"/> No
6. What additional support do you need from DAC or ACS staff?	Continued support of IPG requests
7. What can DAC do to improve the Annual Review Process?	
8. How many Executive Committee meetings were held during the calendar year?	4
9. Did your Division hold an open meeting for Division members?	yes
9a. Do the Division by-laws require an open meeting?	<input checked="" type="radio"/> Yes <input type="radio"/> No

Technical Division Administration Form - Member Relations	
1. Did your total membership increase or decrease in 2014?*	Decrease
a. What prompted the decrease?	drop in division affiliate membership
2. Did the Division have an adequate number of volunteers to cover your requirements?	<input checked="" type="radio"/> Yes <input type="radio"/> No
2a. If the answer to 2 (above question) is NO, please explain.	
3. How does your Division use its website to serve its members?	Communicate information on NUCL activities, conferences/workshops, educational opportunities, applications for awards, and employment postings. The website also contains general information about the division, e.g., governance, officers, financials, annual reports.
3a. What is the URL for your website?	www.nucl-acs.org
4. When was your Divisions website last updated?	12/4/2014

Technical Division Administration Form - Programming	
1. In general, how would you assess the programming your Division delivered during 2014 ACS national meetings?*	Programming in 2014 was consistent with level of activity in previous years. NUCL held 5 symposia in Dallas and 6 symposia in San Francisco. About 130 abstracts were submitted for each of the two national meeting programs.
2. How far in advance does your Division plan its national meeting programming?*	<input type="radio"/> Less than 1 year <input type="radio"/> 1 Year <input type="radio"/> 2 Years <input checked="" type="radio"/> 3 Years <input type="radio"/> 4+ Years <input type="radio"/> Others
3. Do you have a Regional Meeting Coordinator for your Division?*	<input checked="" type="radio"/> Yes <input type="radio"/> No
a. If the answer to 3 (above question) is YES, provide contact information for your Division's Regional Meeting Coordinator.	

i. First Name	Donivan
ii. Last Name	Porterfield
iii. Phone	505-667-4710
iv. E-Mail	dporterfield@lanl.gov
b. Did someone attend a planning session last year?	<input checked="" type="radio"/> Yes <input type="radio"/> No
4. Do you have a Program Chair for your Division?*	<input checked="" type="radio"/> Yes <input type="radio"/> No
a. If the answer to 4 (above question) is YES, provide contact information for your Division's Program Chair.	
i. First Name	Jenifer
ii. Last Name	Braley
iii. Phone	303-273-3996
iv. E-Mail	jenifer.braley@gmail.com
b. Did someone attend a planning session last year?	<input checked="" type="radio"/> Yes <input type="radio"/> No
5. Do you have Multidisciplinary Program Planning Group (MPPG) Representative for your Division?*	<input checked="" type="radio"/> Yes <input type="radio"/> No
a. If the answer to 5 (above question) is YES, provide contact information for your Division's Multidisciplinary Program Planning Group (MPPG) Representative.	
i. First Name	Luther
ii. Last Name	McDonald
iii. Phone	509-595-1101
iv. E-Mail	luther.mcdonald@utah.edu
b. Did someone attend a planning session last year?	<input checked="" type="radio"/> Yes <input type="radio"/> No

Technical Division Administration Form - Best Practices

1. Please describe techniques used to develop volunteers.	We encourage our new volunteers to attend the ACS Leadership Workshop in January each year so they understand and appreciate how the ACS works.
2. Please describe how you recruit volunteers to serve the Division.	Personal contacts between Executive Committee members and divisional membership. Volunteer requests in the division newsletter and posted on the NUCL website. Announcements at the open NUCL business meeting at each of the national ACS meetings.
3. How does your Division recognize its volunteers?	NUCL has established the W. Frank Kinard Distinguished Service Award. This divisional award was presented for the first time at the business meeting held during the Fall ACS National Meeting in San Francisco.
4. How does your Division provide meeting content to its members?	The meeting symposia are listed on the division website and in the division newsletter. A compilation of meeting abstracts is made available in .pdf format on the website.
5. Describe outreach activities to serve members who don't attend national meetings.	Division continues to support programming at regional meetings. NUCL received an IPG to provide financial support for a technical session at the SERMACs meeting in Nashville, TN
6. What are the most important benefits your Division provides to its members?	Division technical programming at both ACS National Meetings. Student educational and professional development activities.
7. How does the Division provide information to its members on Divisional activities?	Division newsletter and website
8. Describe activities aimed at students and young professionals.	The division sponsors the Nuclear and Radiochemistry Summer Schools, which are funded by the U.S. DOE and provide an opportunity for 24 undergraduates to learn about nuclear science. Regular national meeting symposium "Young Scientists in Nuclear and Radiochemistry" so that graduate students and post-docs can report their research results and meet nuclear chemistry practitioners. Charles D. Coryell award for Undergraduate Research in Nuclear and Radiochemistry (offered annually)
9. List any Division awards.	Charles D. Coryell Award for Undergraduate Research in Nuclear and Radiochemistry W. Frank Kinard Distinguished Service Award
10. Did the Division engage in any international outreach or activities, beyond inviting international speakers to present at a symposium or general session? Examples might be (but not limited to): meetings/symposia with international-based groups; a specific effort to recruit international speakers for the Division's meeting; the inclusion of international information in a newsletter or	no

on the website; or, looking at international trends for the specific topical area.	
10a. If yes, please describe.	
11. List nominations for ACS Fellows.	David Clark, Silvia Jurisson, Walter Lovelend, Alice Mignerey,
12. Does the Chair have any other issues to be considered?	Membership decline. Low percentage of NUCL members with ACS Fellowship

Technical Division Administration Form - Supporting Materials

File Name	File Size	Brief Description
-----------	-----------	-------------------

Technical Division Administration Form - Approval

Comments

Annual Report submitted with financials to follow shortly.

☒ Approved & Submit for Review

David Hobart

02/04/2015

This form has been submitted for your approval. Please review each tab for completeness and accuracy, make any necessary edits, and save all changes before approving this form. After the form is approved, it will be submitted for review. The approved form will be placed in read only mode and no additional edits will be allowed. Your approval will submit this form as part of your official annual report to ACS.

Technical Division Administration Form - Reasons for Return

Approver Return Comments

Contributor Return Comments

---- END OF REPORT ----



Nuclear Chemistry & Technology Technical Division Financial Form 2014

Technical Division Financial Form - Income

Part A - Income

Description	2014 Budget <i>Amount (USD)</i>	2014 Actual <i>Amount (USD)</i>	2015 Budget <i>Amount (USD)</i>
1. Contributions			
A.Meeting Grants	0	0	0
B.Meeting Awards	0	3500	0
C.Non-meeting Grants	0	0	0
D.Non-meeting Awards	0	250	300
E.Innovative Project Funding	0	10424	0
F.Donations	3000	34250	3000
G.Other Contributions	0	0	0
H.New Member Commissions	0	75	0
I.Rebate from ACS for Councilor Travel	3500	4381.68	3500
Total Contribution Income	6,500.00	52,880.68	6,800.00
2. Membership Dues and Assessments			
A.February Dues Payment	7900	8167	8000
B.August Dues Payment	4600	5562	5500
C.Dues Paid Directly to Division	0	0	0
D.Annual Division Allocation from ACS	15000	16398.41	15000
Total Dues and Assessment Income	27,500.00	30,127.41	28,500.00
3. Income from Self-Sustaining Activities			
Income from Self-Sustaining Activities	0	0	0
Total Income from Self-Sustaining Activities	0.00	0.00	0.00
4. Publications			
Publications	0	0	0
Total Publications Income	0.00	0.00	0.00
5. Conferences/Workshops/Meetings			
Conferences/Workshops/Meetings	0	0	0
Total Income from Conferences	0.00	0.00	0.00
6. Investment Income (Operating Account)			
A.Interest on Savings or Temporary Cash Investments	45	26.07	30
B.Dividend and Interest from Securities	0	0	0
C.Income from Investments of Tax-exempt Bond Proceeds	0	0	0
Total Investment Income	45.00	26.07	30.00
7. Capital Gain (Loss) from Sales of Securities			
A.Gross Amount from Sale of Securities	0	0	0
B.Less: Cost or Other Basis and Sales Expenses	0	0	0
Gain or Loss	0	0	0
Net Gain (Loss) from Sale of Securities	0.00	0.00	0.00
8. Royalties			
Royalties	0.00	0.00	0.00
9. Rental Income or (Loss)			
A.Gross Rents	0	0	0
B.Less: Rental Expenses	0	0	0
Rental Income or (loss)	0	0	0
Net Rental Income or (loss)	0	0	0
Total Rental Income or (loss)	0.00	0.00	0.00
10. Income from Fundraising Events			

A.Gross Income from Fundraising Events	0	0	0
B.Less: Direct Expenses	0	0	0
Net Income or (Loss) from Fundraising Activities	0	0	0
Total Income from Fundraising Activities	0.00	0.00	0.00
11. Income from Gaming Activities			
A.Gross Income from Gaming Activities	0	0	0
B.Less: Direct Expenses	0	0	0
Net Income or (Loss) from Gaming Activities	0	0	0
Total Income from Gaming Activities	0.00	0.00	0.00
12. Sales of Inventory, Less Returns and Allowance			
A.Gross Sales of inventory, Less Returns and Allowances	0	0	0
B.Less: Cost of Goods Sold	0	0	0
Net Income or (Loss) from Sales of Inventory	0	0	0
Total Sales of Inventory, etc	0.00	0.00	0.00
13. All Other Revenue			
All Other Revenue	0	0	0
Total All Other Revenue	0.00	0.00	0.00
14. Total Miscellaneous Revenue			
Total Miscellaneous Revenue	0.00	0.00	0.00
TOTAL INCOME FROM ALL ACTIVITIES	34,045.00	83,034.16	35,330.00
Please explain the difference between actual and budget figures		We received substantial donations for symposia support: MPPG support at Spring 2014 mtg (\$3500), Edelstein symposium (\$10000), and Seaborg Award Symposium (\$7000). We also received \$14000 for Spring 2015 Seaborg Award Symposium, and an IPG award (\$10424). None of these donations had been projected in our 2014 budget.	

Technical Division Financial Form - Expenses

Part B - Expenses and Operating Account

Description	2014 Budget	2014 Actual	2015 Budget
	Amount (USD)	Amount (USD)	Amount (USD)
1. Contributions			
A.Meeting Grants and Awards	0	1750	0
B.Non-meeting Grants and Awards	11000	12809.38	17700
C.Donations and other Contributions	0	0	0
Total Contributions	11,000.00	14,559.38	17,700.00
2. Benefits paid to or for members			
Benefits paid to or for members	0	0	0
Total Benefits Paid to or for Members	0.00	0.00	0.00
3. Salary, other Compensation, Employee Benefits			
A.Compensation of Current Officers, Directors, Trustees and Key Employees	0	0	0
B.Other Compensation Including to Disqualified Persons	0	0	0
C.Other Salary and Wages	0	0	0
D.Pension Plan Contributions (including section 401 (K) and section 403 (b) employer contributions)	0	0	0
E.Other Employee Benefits	0	0	0
F.Payroll Taxes	0	0	0
Total Salary, other Compensation, etc.	0.00	0.00	0.00
4. National Meeting Expenses			
A.Speaker Fees and Per Diem	0	0	0
B.Guest Registrations	2000	7696	6000
C.Speaker Breakfast/Lunch/Dinner	0	0	0
D.Other Speaker Costs	5000	9411.48	11500

E.Planning Expenses	0	0	0
F.Social Events	9000	16320.13	10000
G.Audio/Visual Equipments	2000	1358.35	1000
H.Other	0	0	0
Total National Meeting Expenses	18,000.00	34,785.96	28,500.00
5. Investment Expenses			
Investment Expenses	0	0	0
Total Investment Expenses	0.00	0.00	0.00
6. Expenses from Self-Sustaining Activities			
Expenses from Self-Sustaining Activities	0	0	0
Total Expenses from Self-Sustaining Activities	0.00	0.00	0.00
7. Publication Expenses			
A.Membership Directories - printing	0	0	0
B.Newsletters/Ballots - printing	0	0	0
C.Abstract Separates - printing included with newsletter	0	0	0
D.Preprints/Reprints - printing	0	0	0
E.Postage and Shipping	0	0	0
F.Other	0	0	0
Total Publication Expenses	0.00	0.00	0.00
8. Conferences / Workshops/ Meetings			
A.Inter-Divisional Activities	0	0	0
B.Other Activities	13000	1175	5500
Total Conferences/Workshops	13,000.00	1,175.00	5,500.00
9. Administrative Expenses			
A.Officers	0	0	0
B.Committees	0	0	0
C.Councilors	5000	7596.5	7000
D.National Meeting Travels/Meals	0	0	0
E.Communications (Postage, telephone etc.)	50	116.91	150
F.DLC/P2C2 Expenses	0	0	0
G.Office Supplies and Operations	0	430.17	0
Total Administrative Expenses	5,050.00	8,143.58	7,150.00
10. Other Expenses			
Other Expenses	0	0	0.0
Total Other Expenses	0.00	0.00	0.00
TOTAL EXPENSES	47,050.00	58,663.92	58,850.00
GAIN (LOSS), OPERATING ACCOUNT	-13,005.00	24,370.24	-23,520.00
Please explain the difference between actual and budget figures		The main difference is primarily due to the donations that we received during 2014 for 2015 symposia support (\$14000) and the IGP grant (\$10424) that we received in 2014 the bulk of which (\$6700) will be spent in 2015. Also we had projected about \$12000 for our strategic planning effort and that effort only had about \$1000 in expenses as we did not have a contracted facilitator and the logistics costs were minimal.	

Technical Division Financial Form - Investments

Part C - Investment and Other Assets

Description	Beginning of Year	End of Year
	Amount (USD)	Amount (USD)
1. Investments & Assets (Unrestricted)		
A.Checking	57909.86	81254.03
B.Saving	76895.44	76921.51
C.Other	0	1000
Total Assets	134,805.30	159,175.54
2. Restricted Investment Funds		
Restricted Investment Funds	0	0

Total Restricted Investment Funds	0.00	0.00
Total Investment and Other Assets	134,805.30	159,175.54
3. Which Form 990 did your technical division file with the IRS for the Tax Year 2010?	<input type="radio"/> Form 990-N(Electronic Postcard) <input checked="" type="radio"/> Form 990-EZ <input type="radio"/> Form 990	
4. What is your technical division's Employment Identification Number (EIN)?	52-6060201	
5. Does your organization want to continue to be included under the umbrella of the American Chemical Society's Group Exemption Letter?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
After the submission of its Annual Report, each technical division must request its annual allotment per the ACS Bylaws.		
6.. The local section requests their annual allotment.	<input checked="" type="radio"/> Yes <input type="radio"/> No	

Technical Division Financial Form - Summary

Part D - Summary from Parts A, B, and C

Description	Total Amount (USD)
A. Operating Account Income (Part A)	83,034.16
B. Assets and Investment (Part C)	159,175.54
C. Operating Account Expenditures, Commitments or Liabilities (Part B)	58,663.92

Technical Division Financial Form - Approval

Comments

☒ Approved & Submit for Review

David Hobart

02/05/2015

This form has been submitted for your approval. Please review each tab for completeness and accuracy, make any necessary edits, and save all changes before approving this form. After the form is approved, it will be submitted for review. The approved form will be placed in read only mode and no additional edits will be allowed. Your approval will submit this form as part of your official annual report to ACS.

Technical Division Financial Form - Reasons for Return

Approver Return Comments

Contributor Return Comments

--- END OF REPORT ---



Nuclear Chemistry & Technology Update of NUCL Strategic Plan Event Form 2014

Event - Overview								
Name of the Event*	Update of NUCL Strategic Plan							
Brief Description*	Produce new strategic plan for the division for the period 2015-2020							
Organization*	Nuclear Chemistry & Technology (NUCL)							
Year Held*	2014							
First time event?	<input type="checkbox"/>							
Primary Contact*	Paul Mantica							
Category(ies)*	<table border="1"> <thead> <tr> <th>Available Options</th> <th>Selected Options</th> </tr> </thead> <tbody> <tr> <td> (Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists </td> <td>(Section) Governance</td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Other </td> </tr> </tbody> </table>		Available Options	Selected Options	(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	(Section) Governance	<input type="checkbox"/> Other	
Available Options	Selected Options							
(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	(Section) Governance							
<input type="checkbox"/> Other								
Which strategic goal(s) from the ACS Strategic Plan does this event support?	<input checked="" type="checkbox"/> 1. Provide Information. Be the most authoritative, comprehensive, and indispensable provider of chemistry-related information. <input checked="" type="checkbox"/> 2. Advance Member Careers. Empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy. <input checked="" type="checkbox"/> 3. Improve Education. Foster the development of the most innovative, relevant and effective chemistry education in the world. <input checked="" type="checkbox"/> 4. Communicate Chemistry's Value. Communicate chemistry's vital role in addressing the world's challenges to the public and policymakers.							
Event Phase*	Completed							
Event Frequency*	Other - every 5 years							
Event Date Selection								

Event - Participation and Assistance						
Supporting Committees	<table border="1"> <thead> <tr> <th>Available Options</th> <th>Selected Options</th> </tr> </thead> <tbody> <tr> <td colspan="2"></td> </tr> </tbody> </table>	Available Options	Selected Options			
Available Options	Selected Options					

	Awards Budget/Finance Career Assistance/Employment Chemistry Olympiad Community Activities Continuing Education Education Environmental EHS Government Affairs Industry Relations Long Range Planning Membership/Membership Retention Mentoring Minority Affairs Newsletter/Publications Nominations Professional Relations Project SEED Public Relations Senior Chemists Women Chemists Younger Chemists	
	<input type="checkbox"/> Other	
Event Partners (ACS)		
Event Partners (Non ACS)		
Estimated Number of Volunteers	20	
Members	20	
Non Members	0	
Estimated number of hours your volunteers spent on your section's/division's activities	100	
Estimated Number of Attendees	15	
Members	15	
Public	0	
Estimated Total Cost (USD)	500.00	
Outside Funding or Support	IPG-LSAC Division Grants Industry In-Kind Donations LSAC Mini/NanoGrant No Outside Funding or Support Other ACS Grants IPG-DAC Other -	
Event Coverage	Email Radio Television Web Other -	
Event Promotion	ACS Network C & EN Email Newsletters Social Network Website Other -	

Event - Narrative and Nomination

No award(s) are nominated for this event.

Event - Evaluation

Evaluate the success of the program on a scale of 1-10 (1-least successful & 10-most successful)	10
What were the greatest successes of this event?	New NUCL Strategic Plan was developed and approved by Executive Committee
Lessons Learned/Suggestions to improve this event	Need to had broad representation of membership on strategic planning teams Need to assign "owners" to specific tasks in the strategic plan Need to be sure each task is specific, measureable, achievable, reasonable, and timely
Share this event with other local sections and technical divisions.	<input type="checkbox"/>

Event - Supporting Materials

File Name	File Size	Brief Description
NUCL-StrategicPlan2015to2020-20141203.pdf	0.41 MB	NUCL Strategic Plan 2015-2020

Web Link/URL for the Event	Brief Description
http://www.nucl-acs.org/?page_id=36	NUCL Strategic Plan website link

---- END OF REPORT ----

NUCL Strategic Plan

2015-2020

12/3/2014

Mission

The Division serves to advance the understanding of nuclear chemistry and radiochemistry and their practical applications by serving the diverse communities involved in nuclear science and related technologies.

Vision

As the preeminent organization for professionals in the fields of nuclear chemistry, radiochemistry, and related technologies, the Division will provide enhanced opportunities for education, networking, and outreach, while maintaining its excellence in diverse programming.

Goal 1*Education and Workforce Development*

Develop the next generation of nuclear chemists and radiochemists to meet national workforce needs in both basic and applied nuclear science and related technologies, with focus on education, hands-on training, and mentoring of young scientists (e.g., undergraduates, graduate students, and young professionals).

Goal 2*Awards, Recognition and Membership*

Offer networking and professional growth opportunities for members. Recruit, engage, and recognize nuclear chemists and radiochemists working in interdisciplinary fields. Actively pursue and publicize the professional achievements of members at the local, regional, divisional, and national levels.

Goal 3*Expertise and Communication*

Develop and facilitate events and communication tools that enhance nuclear chemistry and radiochemistry outreach, provide expert information on historical achievements and recent advances, and emphasize the value and importance of practical applications of nuclear science in all aspects of society.

Goal 1. Education and Workforce Development: Strategies, Activities and Tasks

Strategy 1.1. Advancing Divisional Advocacy

Strategy 1.2. Increasing Divisional Networking and Communication

Strategy 1.3. Augmenting Cross-Disciplinary Programming

Strategy 1.1. Advancing Divisional Advocacy

Activity 1.1.1. Continued advocacy for the Nuclear and Radiochemistry Chemistry Summer Schools (NCSS)

Task 1.1.1.1. NCSS National Director collects and disseminates data that demonstrate the value of the NCSS to workforce development in nuclear and radiochemistry.

Task 1.1.1.2. Division members asked to contact funding agencies and government officials requesting a reinstatement of funding for the NCSS.

Task 1.1.1.3. Executive Committee establishes an education task force.

Task 1.1.1.4. Education task force identifies and develops alternate methods for achieving some of the goals of the NCSS programs as contingency plans for the immediate future.

Activity 1.1.2. Advocate for National Laboratory policy changes

Task 1.1.2.1. Executive Committee establishes a one-time national lab policy task force to interface with the next Committee of Visitors (COV).

Task 1.1.2.2. Task force collects comments, prioritize concerns, and suggest recommendations in a written report in advance of the next COV and the upcoming NSAC long-range plan.

Activity 1.1.3. Advocacy for Educational initiatives within the smaller ACS Divisions

Task 1.1.3.1. Executive Committee establishes an education task force, not only to advocate for the NCSS (above), but to advocate for new nuclear chemistry educational initiatives within the ACS.

Task 1.1.3.2. Education task force investigates the possibility of NUCL accreditation for academic courses in nuclear and radiochemistry?

Task 1.1.3.3. Education task force assesses various online and distance-learning options in nuclear science, and make recommendations on NUCL division support for the best proposals.

Task 1.1.3.4. Education task force contacts other ACS committees concerned with education (SOCED) and professional training (CPT) to advocate for increased prominence of nuclear and radiochemistry in curriculum guidelines.

Strategy 1.2. Increasing Divisional Networking and Communication

Activity 1.2.1. Maintain an active center of undergraduate research opportunities in nuclear science

Task 1.2.1.1. Executive Committee identifies an Education “Chair” with a fixed term who oversees such activities as undergraduate and graduate student awards and both educational and research opportunities nationally.

Task 1.2.1.2. Education Chair annually collects information about undergraduate research opportunities.

Task 1.2.1.3. Webmaster will post opportunities to the NUCL website.

Task 1.2.1.4. Education committee, when requested and when possible, provides assistance to undergraduates with common applications.

Task 1.2.1.5. The Education Chair and Education Committee commit to deliberately target underrepresented groups in nuclear chemistry, for which there is often ancillary funding available.

Activity 1.2.2. Maintain an active center of graduate research opportunities in nuclear science

Task 1.2.2.1. Education Chair annually collects information about graduate school opportunities in nuclear and radiochemistry.

Task 1.2.2.2. Webmaster maintains an updated list of graduate opportunities on the NUCL website.

Task 1.2.2.3. Education Chair collects a comprehensive listing of nuclear and radiochemical training facilities to accommodate future proposals for distributed workforce development efforts.

Task 1.2.2.4. Webmaster maintains an updated list of nuclear and radiochemistry training facilities on the NUCL website.

Task 1.2.2.5. Education Chair annually reminds Ph.D. mentors to have their graduating students hand-write Nuclear and/or Radiochemistry in the “other” space of the Survey of Earned Doctorates (SED) questionnaire.

Activity 1.2.3. Develop networking activities to engage and track students exposed to nuclear science

Task 1.2.3.1. Executive Committee develops social and professional online networks, and will work with the Education Chair to ensure that participants in the NCSS are enrolled in these social and professional networks.

Task 1.2.3.2. Education Chair maintains an NCSS alumni database as a workforce development tool, and to assess the program’s success in attracting students to the field.

Strategy 1.3. Augmenting Cross-Disciplinary Programming

Activity 1.3.1. Increase intentional cross-disciplinary programming at ACS meetings with NUCL

Task 1.3.3.1. Executive Committee establishes a Programming committee to increase programming diversity and member involvement.

Task 1.3.3.2. Programming committee encourages cross programming and co-sponsorship of symposia between NUCL and the divisions of Analytical Chemistry, Chemical Education, Colloids, Environmental Chemistry, and Computational Chemistry.

Task 1.3.3.3. Programming committee establishes external interactions and cross programming with American Nuclear Society and Health Physics Society (outside the ACS). Such activities may also impact educational programs that are moving towards multi-disciplinary programs.

Activity 1.3.2. Explore the possibility to bring other small conferences into the ACS national or regional meeting system

Task 1.3.2.1. Programming committee actively reaches out to organizations that host smaller symposia that are relevant to nuclear and radiochemists (e.g. Plutonium Futures) to see if some of these meetings could be brought into the ACS National or Regional meeting structure.

Activity 1.3.3. Develop activities (outreach, etc.) together with other nuclear science organizations such as American Physical Society's Division of Nuclear Physics, the radiomedical community, and American Nuclear Society

Task 1.3.3.1. Executive Committee identifies target organizations with similar outreach and educational goals for potential collaborations through the innovative project grant program or external grant funding.

Task 1.3.3.2. Executive Committee identifies a leader for outreach activities, who will be a member of the Education committee, empower him/her to coordinate and communicate NUCL outreach efforts.

Task 1.3.3.3. Education Committee establishes the practice of recruiting members to annually submit articles about nuclear and radiochemistry topics to the Journal of Chemical Education.

Goal 2. Awards, Recognition and Membership

Strategy 2.1. Sustaining the Seaborg Award

Strategy 2.2. Retaining Members

Strategy 2.3. Growing the Membership

Strategy 2.1. Sustaining the Seaborg Award

Activity 2.1.1. Empower Division Awards Nomination Committee to solicit and facilitate nominations for the Seaborg Award

Task 2.1.1.1. Newsletter Editor includes a “Call for Nominees” in the NUCL Newsletter.

Task 2.1.1.2. Webmaster includes a “Call for Nominees” on the NUCL web site, along with a link to the ACS awards web site.

Task 2.1.1.3. Awards Nomination Committee encourages NUCL members to nominate individuals identified by the committee as outstanding Seaborg Award candidates.

Activity 2.1.2. Maintain a roster of Seaborg Award nominees

Task 2.1.2.1. Awards Nomination Committee maintains current listing of active nominees with expiration date for application.

Activity 2.1.3. Ensure nominations for Seaborg Award meet ACS requirements

Task 2.1.3.1. Awards Nomination Committee confirms that the minimum number of nominees remains above ACS requirements (5 nominees).

Task 2.1.3.2. Awards Nomination Committee identifies nominees that are highly qualified for the Seaborg Award.

Task 2.1.3.3. Awards Nomination Committee works with nominator to ensure that the Letters of Support for the nominee are from highly respected references.

Task 2.1.3.4. Awards Nomination Committee ensures diverse pool of nominees, based on

- Profession
- Discipline
- Underrepresented persons

Activity 2.1.4. Identify source of funds sufficient to sustain Seaborg Awards

Task 2.1.4.1. Executive Committee reviews the NUCL budget annually to confirm sufficient funding (\$10k) for short-term support of Seaborg Award.

Task 2.1.4.2. Executive Committee to identify long-term funding source(s), potentially from one or more of the following sources:

- Philanthropic
- Industry
- Government (contractor)
- Academia

Strategy 2.2. Retaining Members

Activity 2.2.1. Announce new members in NUCL Newsletter

Task 2.2.1.1. Secretary identifies names of new members and pass along to the Newsletter Editor to include in each Newsletter.

Activity 2.2.2. Assign a "mentor" to new members.

Task 2.2.2.1. Membership Committee establishes and maintains a database of mentors for new members.

Task 2.2.2.2. Membership Committee chair matches new member with current member.

Task 2.2.2.3. Mentor composes and sends a "welcome" email to the new member after ~ 1 month.

Task 2.2.2.4. Mentor composes and sends a follow up "how's it going" email after ~6 months.

Activity 2.2.3. Provide annual anniversary gift to new members

Task 2.2.3.1. Executive Committee identifies anniversary gift

Task 2.2.3.2. Membership Committee Chair procures nuclear-related gifts and obtains reimbursement from the Treasurer.

Task 2.2.3.3. Membership Committee distributes anniversary gift to members on an annual basis for at least their first five years of membership.

Activity 2.2.4. Announce member anniversaries

Task 2.2.4.1. Membership committee reviews NUCL division roster in early January, and identify 5-year anniversaries (5,10,15...).

Task 2.2.4.2. Newsletter Editor lists the 5-year anniversaries in the NUCL Newsletter.

Task 2.2.4.3. Chair recognizes 50-year members at the NUCL Business Meeting at the Spring ACS National Meeting.

Activity 2.2.5. Produce a Features/Advantages/Benefits (FAB) document for NUCL membership

Task 2.2.5.1. Membership Committee composes FAB document.

Task 2.2.5.2. Executive Committee reviews and approves FAB document.

Task 2.2.5.3. Webmaster posts FAB on NUCL website.

Task 2.2.5.4. Membership Committee distributes FAB with gift to new members as a "value proposition."

Activity 2.2.6. Establish a "What are you working on?" section of the NUCL Newsletter

Task 2.2.6.1. Communications Committee chair creates and maintains a list of potential story tellers.

Task 2.2.6.2. Newsletter Editor contacts story teller and request content.

Task 2.2.6.3. Newsletter Editor receives, edits and publishes content in the NUCL Newsletter.

Activity 2.2.7. Nominate members for relevant awards

Task 2.2.7.1. Awards Nomination Committee identifies and facilitates nominations for ACS Fellowship.

Task 2.2.7.2. Awards Nominations Committee identifies and facilitates nominations for other ACS awards.

Task 2.2.7.3. Chair communicates successes to Executive Committee, and the Webmaster and Newsletter Editor for broad dissemination.

Strategy 2.3. Growing the Membership

Activity 2.3.1. Recruitment at professional meetings

Task 2.3.1.1. Communications Committee develops recruiting materials.

Task 2.3.1.2. Membership Committee hosts a member table at professional meetings, and should target specific meetings in both the short and long term. This should include national and international meetings.

Task 2.1.3.3. At ACS National meetings, the Membership Committee identifies opportunities to co-host meet and greet sessions with other divisions.

Activity 2.3.2. Provide NUCL Divisional highlights for inclusion in ACS Corporate blanket e-mail sends

Task 2.3.2.1. Communications Committee and Program Chairs identify newsworthy highlights from ACS National Meeting presentations.

Task 2.3.2.2. Communications Committee Chair forwards highlights to appropriate ACS office:

- inChemistry (ACS student member magazine)
- ChemMatters (High School Teacher focus magazine)
- ACS Network (Social Media tool for ACS)

Activity 2.3.3. Continue to encourage new student members to join the division

Task 2.3.3.1. Nuclear and Radiochemistry Summer Schools National Director completes ACS and division member applications for 24 participating students.

Task 2.3.3.2. Membership Committee reviews list of presenters at "Young Investigator" symposia and confirms their division membership.

Goal 3. Expertise and Communication: Strategies, Activities and Tasks

Strategy 3.1. Increase Outreach Efforts

Strategy 3.2. Facilitate and Enhance Visibility

Strategy 3.3. Provide Outreach to the General Public

Strategy 3.4. Develop Outreach to Engage Young Scientists via Social Media.

Strategy 3.5. Define Roles and Responsibility of Officers

Strategy 3.1. Increase outreach efforts of the division through the development and dissemination of outreach materials through the NUCL-ACS website

Activity 3.1.1. Use Innovative Project Grant (IPG) to purchase outreach kit

Task 3.1.1.1. IPG Contact develops training video for the outreach kit.

Task 3.1.1.2. IPG Contact advertises and/or demonstrates kit at an ACS national meeting.

Task 3.1.1.3. IPG Contact coordinates with the Webmaster to establish a sign-up sheet on the NUCL website to reserve the training kit.

Task 3.1.1.4. NUCL members sign up to borrow the kit for demonstrations at schools.

Activity 3.1.2. Develop a collection of graphics/presentations (e.g. dropbox)

Task 3.1.2.1. Communications Committee solicits content from subject matter experts.

Task 3.1.2.2. Experts provide content (e.g., PowerPoint slides, photos, white papers) via the dropbox.

Task 3.1.2.3. Communications Committee Chair informs NUCL member on how to access the dropbox, with new content advertised on social media.

Strategy 3.2. Facilitate and enhance visibility of nuclear and radiochemistry research including historical and recent advances.

Activity 3.2.1. Develop articles for the Journal of Chemical Education and similar audiences at a rate of 1 article per National Meeting

Task 3.2.1.1. Communications Committee Chair identifies individuals to contact the editor of Journal of Chemical Education and to coordinate review articles with topics planned in future NUCL programming. Example topics:

- Status of the search for super heavy elements. How close are we to the “island of stability” and what does that island look like.
- Discovery of recent new elements
- Production of radionuclides for medical diagnostics and treatment

Task 3.2.1.2. Communications Committee works with the Program Chair to identify willing contributors for the Journal of Chemical Education review article.

Task 3.2.1.3. Communications Committee advertises the journal articles on social media.

Activity 3.2.2. Develop an electronic pamphlet providing short summaries on general topics in nuclear and radiochemistry that are targeted at high school, undergraduate, and general public audiences

Task 3.2.2.1. Communications Committee identifies subject matter experts for pamphlets.

Task 3.2.2.2. Subject matter experts prepare content for the pamphlet.

Task 3.2.2.3. Communications Committee formats content to conform to standard pamphlet template.

Task 3.2.2.4. Communications Committee makes pamphlet available to NUCL members on the dropbox.

Task 3.2.2.5. Webmaster posts the pamphlet on the NUCL website.

Strategy 3.3. Provide educational outreach to the general public improving communication between researchers and policy makers

Activity 3.3.1. Promote opportunities for members to provide public input to US federal government decision making through regulations.gov. Also, publicize when US federal government hearing of interest are available in a streaming format.

Task 3.3.1.1. Program Chair identifies individuals to develop a joint policy/technical symposia at future ACS NUCL meetings.

Task 3.3.1.2. Communications Committee regularly reviews regulations.gov to gather nuclear relevant subjects/laws/regulations.

Task 3.3.1.3. Communications Committee advertises relevant regulations.gov posts via social media.

Task 3.3.1.4. Communications Committee develops suggestions/guidelines for lobbying, using resources available from the ACS National Office.

Strategy 3.4. Develop outreach to engage the younger scientist community through social media.

Activity 3.4.1. Regular online posting on social media

Task 3.4.1.1. Communications Committee identifies volunteers to maintain an active Twitter, Facebook, LinkedIn, and Research Gate accounts

Task 3.4.1.2. Volunteers provide (at least) weekly updates on each account that document advancements in the community to help keep young scientists involved.

Task 3.4.1.3. Volunteers provide the Communications Committee with metrics on access and distribution to content on a monthly basis.

Task 3.4.1.4. Communications Committee compiles metrics on social media access and distribution on a monthly basis.

Task 3.4.1.5. Communications Committee Chair provides a written report on the social media metrics to the Executive Committee three weeks before each ACS National Meeting.

Activity 3.4.2. Establish NUCL group on ACS network to make resources available and facilitate member discussions and involvement beyond the NUCL division

Task 3.4.2.1. Social medial volunteers will highlight online when available.

Strategy 3.5. Define Roles and Responsibility of Officers

Activity 3.5.1. Each officer maintain a living document on their roles and activities.

Task 3.5.1.1. Chair, Chair-Elect, Vice Chair, Immediate Past Chair, Secretary, Treasurer, and Councilor(s) account for their ACS-related activities throughout the year.

Task 3.5.1.2. Officers noted above provide their written accounts to the Secretary by January 15 of each year.

Task 3.5.1.2. A Member-at-Large of the Executive Committee is charged by the Chair to ensure that officers comply with the above tasks.



Nuclear Chemistry & Technology Glenn T. Seaborg Award Event Form 2014

Event - Overview								
Name of the Event*	Glenn T. Seaborg Award							
Brief Description*	Prof. Walter Loveland from Oregon State University was the recipient of the 2014 Glenn T. Seaborg Award for Nuclear Chemistry.							
Organization*	Nuclear Chemistry & Technology (NUCL)							
Year Held*	2014							
First time event?	<input type="checkbox"/>							
Primary Contact*	Paul Mantica							
Category(ies)*	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9d9d9;"> <th style="width: 50%;">Available Options</th> <th style="width: 50%;">Selected Options</th> </tr> </thead> <tbody> <tr> <td> (Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists </td> <td> Awards Professional/Leadership Development National Meeting </td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Other </td> </tr> </tbody> </table>		Available Options	Selected Options	(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	Awards Professional/Leadership Development National Meeting	<input type="checkbox"/> Other	
Available Options	Selected Options							
(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	Awards Professional/Leadership Development National Meeting							
<input type="checkbox"/> Other								
Which strategic goal(s) from the ACS Strategic Plan does this event support?	<input type="checkbox"/> 1. Provide Information. Be the most authoritative, comprehensive, and indispensable provider of chemistry-related information. <input checked="" type="checkbox"/> 2. Advance Member Careers. Empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy. <input type="checkbox"/> 3. Improve Education. Foster the development of the most innovative, relevant and effective chemistry education in the world. <input checked="" type="checkbox"/> 4. Communicate Chemistry's Value. Communicate chemistry's vital role in addressing the world's challenges to the public and policymakers.							
Event Phase*	Completed							
Event Frequency*	Annual							
Event Date Selection	From 3/23/2014 To 3/25/2014							

Event - Participation and Assistance						
Supporting Committees	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9d9d9;"> <th style="width: 50%;">Available Options</th> <th style="width: 50%;">Selected Options</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="height: 40px;"> </td> </tr> </tbody> </table>		Available Options	Selected Options		
Available Options	Selected Options					

	Awards Budget/Finance Career Assistance/Employment Chemistry Olympiad Community Activities Continuing Education Education Environmental EHS Government Affairs Industry Relations Long Range Planning Membership/Membership Retention Mentoring Minority Affairs Newsletter/Publications Nominations Professional Relations Project SEED Public Relations Senior Chemists Women Chemists Younger Chemists	Awards
	<input type="checkbox"/> Other	
Event Partners (ACS)		
Event Partners (Non ACS)	Oregon State University	
Estimated Number of Volunteers	4	
Members	4	
Non Members	0	
Estimated number of hours your volunteers spent on your section's/division's activities	60	
Estimated Number of Attendees	100	
Members	100	
Public	0	
Estimated Total Cost (USD)	10000.00	
Outside Funding or Support	IPG-LSAC Division Grants Industry In-Kind Donations LSAC Mini/NanoGrant No Outside Funding or Support Other ACS Grants IPG-DAC	
	Other - partial support from donors	
Event Coverage	Email Radio Television Web	
	Other -	
Event Promotion	ACS Network C & EN Email Newsletters Social Network Website	
	Other -	

Event - Narrative and Nomination

No award(s) are nominated for this event.

Event - Evaluation

Evaluate the success of the program on a scale of 1-10 (1-least successful & 10-most successful)	10
What were the greatest successes of this event?	The level of participation of NUCL members in the award symposium
Lessons Learned/Suggestions to improve this event	Need to identify a source of self sustained funding for the Seaborg Award
Share this event with other local sections and technical divisions.	<input type="checkbox"/>

Event - Supporting Materials

File Name	File Size	Brief Description
NUCL-SeaborgAwardtoLoveland-20141224.pdf	0.09 MB	Seaborg award recipient bio
NUCL-SeaborgTechProgram-20141224.pdf	0.06 MB	Seaborg Symposium Technical Program

Web Link/URL for the Event	Brief Description
http://www.nucl-accs.org/?page_id=87	Glenn T. Seaborg Award Winners

---- END OF REPORT ----

[Home](#)

[Education](#)

[Employment](#)

[NCSS](#)

[Meetings](#)

[Awards](#)

[Reports and Communications](#)

[Governance](#)

[Support NUCL](#)

[RSS Feed](#) type, hit enter

type, hit enter

SEARCH

© Copyright 2014 NUCL-ACS
| Powered by [WordPress](#)

Walter Loveland, 2014 Seaborg Winner

2014 Glenn T. Seaborg Award for Nuclear Chemistry

sponsored by the ACS Division of Nuclear Chemistry and Technology
(from the March 20, 2014 issue of C&E News)
<http://cen.acs.org/articles/92/i10/Glenn-T-Seaborg-Award-Nuclear.html>



Prof. Walter Loveland
Oregon State University

The quest for new superheavy elements requires the use of large particle accelerators to collide different types of nuclei together. Walter D. Loveland, a professor of chemistry at Oregon State University, has made a career studying the intricacies of this fundamental process. His systematic study of the nuclear reactions that create superheavy elements has provided powerful tools for scientists engaged in this search.

Loveland's path to nuclear chemistry has been lit by influential figures along the way. Growing up in a blue-collar suburb of Chicago, Loveland initially considered attending vocational school to become an electrician. But he says a high school guidance counselor encouraged him to apply to college and to "shoot for the moon." Loveland did apply and was accepted by several—including Massachusetts Institute of Technology.

At MIT, a class in nuclear and radiochemistry taught by Charles D. Coryell, a scientist on the Manhattan Project, sparked Loveland's interest in the field. Coryell was "an inspirational figure," he says. His undergraduate research adviser, nuclear chemist Glen E. Gordon, also proved an important influence. Advising Loveland on where to pursue his graduate studies, Gordon pointed to the University of Washington—"a place where physics and chemistry would be treated together, because that's important for this profession," Loveland says. So after graduating from MIT with a major in chemistry in 1961, Loveland headed to Seattle.

He did his graduate work in the nuclear physics lab at the University of Washington, studying nuclear fission. After he received a Ph.D. in 1966, he returned to the Chicago area to do postdoctoral work at Argonne National Laboratory in the lab of John R. Huizenga.

In 1968, Loveland joined the faculty at Oregon State, where he pursued projects in environmental as well as nuclear chemistry. At the time of his first sabbatical leave in 1976, he was undecided about which field to follow. Then Glenn T. Seaborg invited Loveland to Lawrence Berkeley National Laboratory to work as a visiting scientist. "That really shaped my career," Loveland says. The experience was the beginning of a collaboration on the synthesis of superheavy elements that continued until Seaborg's death in 1999.

In 1979, Seaborg, Loveland, and David J. Morrissey, now at Michigan State University, explained why scientists had been having difficulty synthesizing superheavy elements by using complete fusion reactions (Science 1979, DOI: 10.1126/science.203.4382.711). With subsequent work, Loveland developed a comprehensive model that is now widely used to predict the cross sections of heavy-element production.

Loveland also pioneered the use of radioactive beams in heavy-element synthesis. Prior to the 1980s, scientists had mostly collided stable isotopes together in their quest to create new elements. Loveland devised ways to use radioactive isotopes as projectiles, thus greatly expanding the range of nuclear reactions possible.

In 2003, Loveland and colleagues experimentally confirmed the discovery of element 110 (Phys. Rev. C 2003, DOI: 10.1103/physrevc.67.064609).

Loveland is the author of "Modern Nuclear Chemistry" and "The Elements Beyond Uranium," two widely used books in the field.

Loveland will present the award address before the Division of Nuclear Chemistry & Technology.

Home

Education

Employment

NCSS

Meetings

Awards

Reports and Communications

Governance

Support NUCL

[RSS Feed](#) type, hit enter



Divisions

Return to: [Divisions](#) -> [Sessions](#)

NUCL

Paul Mantica, Jenifer Braley

Sunday, March 16, 2014

Oral Session

Glenn T. Seaborg Award for Nuclear Chemistry: Symposium in Honor of Walter D. Loveland - AM Session

Heavy Element Synthesis

Location: Hyatt Regency Dallas

Room: Cumberland J

Organizers: David Morrissey, Darrah Thomas

Presiders: David Morrissey

Duration: 8:30 am - 11:40 am

Pres Time	Pub #	Presentation Title
8:30 am		Introductory Remarks
8:40 am	1	Synthesis of Z = 113, 115, 117 super heavy elements Joseph H. Hamilton , Yuri T. Oganessian.
9:10 am	2	Recent super heavy element experiments Mark A Stoyer
9:40 am		Intermission
9:55 am	3	Superheavy element research at GSI Christoph E Duellmann
10:25 am	4	Heavy element experiments at Berkeley Kenneth E Gregorich
10:55 am	5	Award Address (Glenn T. Seaborg Award for Nuclear Chemistry sponsored by the ACS Division of Nuclear Chemistry and Technology). Large-scale nuclear collective motion: A retrospective Walter Loveland

NUCL

Paul Mantica, Jenifer Braley

Sunday, March 16, 2014

Oral Session

Glenn T. Seaborg Award for Nuclear Chemistry: Symposium in Honor of Walter D. Loveland - PM Session

Reaction Mechanisms

Location: Hyatt Regency Dallas

Room: Cumberland J

Organizers: Darrah Thomas, David Morrissey

Presiders: Joseph Natowitz

Duration: 1:30 pm - 4:15 pm

Pres Time	Pub #	Presentation Title
1:30 pm	12	Exploring the coupling to neutron transfer in fusion involving neutron-rich nuclei Felix Liang
2:00 pm	13	Super-heavy element synthesis and the role of quasifission Birger B Back
2:30 pm	14	Survival of shell-stabilized, spherical nuclei and prospects for discovery of the next new element Charles M. Folden III

3:00 pm		Intermission
3:15 pm	15	Search for high energy alpha particles in the reactions of 7.5AMeV ¹⁹⁷Au with ²³²Th Sara Wuenschel , Joseph B Natowitz, Kris Hagel, Marina Barbui, Gianluca Giuliani, EunJoo Kim, Nicolas Blando, Hua Zheng, Seweryn Kowalski, Katarzyna Schmidt, Zbigniew Majka, Zbigniew Sosin, Andrejz Wieloch.
3:45 pm	16	Fusion with radioactive ion beams Zach Kohley

NUCL

Paul Mantica, Jenifer Braley

Monday, March 17, 2014

Oral Session

Glenn T. Seaborg Award for Nuclear Chemistry: Symposium in Honor of Walter D. Loveland - AM Session

Perspectives

Location: Hyatt Regency Dallas

Room: Cumberland J

Organizers: Darrah Thomas, David Morrissey

Presiders: Charles Folden

Duration: 9:00 am - 11:25 am

Pres Time	Pub #	Presentation Title
9:00 am	22	Functionalized and unaltered mesoporous materials for radionuclide sequestration Heino Nitsche
9:30 am	23	Walt Loveland – a modern nuclear chemist Alena Paulenova
10:00 am		Intermission
10:15 am	24	Maximum results with minimum resources Kjell Aleklett
10:45 am	25	Transition from heavy-ion induced reactions in the low energy region to those in the intermediate and high energy regions Akihiko Yokoyama
11:15 am	26	Studying a spectrum of nuclear reaction mechanisms with Walter Loveland David J Morrissey



Nuclear Chemistry & Technology Kinard Award Event Form 2014

Event - Overview								
Name of the Event*	Kinard Award							
Brief Description*	The W. Frank Kinard Distinguished Service Award, established in 2014, recognizes NUCL members for outstanding service to the division and the field of nuclear science. The award is named in honor of Prof. W. Frank Kinard, who passed away in June 2013. Frank served the NUCL division as its secretary for 17 years, and for 15 year was the primary instructor for the National Nuclear Summer School in San Jose.							
Organization*	Nuclear Chemistry & Technology (NUCL)							
Year Held*	2014							
First time event?	<input checked="" type="checkbox"/>							
Primary Contact*	Paul Mantica							
Category(ies)*	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9d9d9;"> <th style="width: 50%;">Available Options</th> <th style="width: 50%;">Selected Options</th> </tr> </thead> <tbody> <tr> <td> (Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists </td> <td> Awards National Meeting </td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Other </td> </tr> </tbody> </table>		Available Options	Selected Options	(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	Awards National Meeting	<input type="checkbox"/> Other	
Available Options	Selected Options							
(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	Awards National Meeting							
<input type="checkbox"/> Other								
Which strategic goal(s) from the ACS Strategic Plan does this event support?	<input type="checkbox"/> 1. Provide Information. Be the most authoritative, comprehensive, and indispensable provider of chemistry-related information. <input checked="" type="checkbox"/> 2. Advance Member Careers. Empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy. <input type="checkbox"/> 3. Improve Education. Foster the development of the most innovative, relevant and effective chemistry education in the world. <input type="checkbox"/> 4. Communicate Chemistry's Value. Communicate chemistry's vital role in addressing the world's challenges to the public and policymakers.							
Event Phase*	Completed							
Event Frequency*	Annual							
Event Date Selection	From 8/11/2014 To 8/11/2014							

Event - Participation and Assistance

Supporting Committees	Available Options Awards Budget/Finance Career Assistance/Employment Chemistry Olympiad Community Activities Continuing Education Education Environmental EHS Government Affairs Industry Relations Long Range Planning Membership/Membership Retention Mentoring Minority Affairs Newsletter/Publications Nominations Professional Relations Project SEED Public Relations Senior Chemists Women Chemists Younger Chemists	Selected Options Awards
	<input type="checkbox"/> Other	
Event Partners (ACS)		
Event Partners (Non ACS)		
Estimated Number of Volunteers	5	
Members	5	
Non Members	0	
Estimated number of hours your volunteers spent on your section's/division's activities	15	
Estimated Number of Attendees	60	
Members	60	
Public	0	
Estimated Total Cost (USD)	300.00	
Outside Funding or Support	IPG-LSAC Division Grants Industry In-Kind Donations LSAC Mini/NanoGrant No Outside Funding or Support Other ACS Grants IPG-DAC Other -	
Event Coverage	Email Radio Television Web Other -	
Event Promotion	ACS Network C & EN Email Newsletters Social Network Website	

	Other -
--	---------

Event - Narrative and Nomination

No award(s) are nominated for this event.

Event - Evaluation

Evaluate the success of the program on a scale of 1-10 (1-least successful & 10-most successful)	10
What were the greatest successes of this event?	Establishment of award and first recipient
Lessons Learned/Suggestions to improve this event	Need to improve solicitation of nominations for the award. Since it was the first year the award was given, many members of the division were not aware of the opportunity.
Share this event with other local sections and technical divisions.	<input type="checkbox"/>

Event - Supporting Materials

File Name	File Size	Brief Description
NUCL-KinardAwardtoSilber-20141224.pdf	0.06 MB	Presentation of award to Herb Silber

Web Link/URL for the Event	Brief Description
None	

---- END OF REPORT ----

[Home](#)

[Education](#)

[Employment](#)

[NCSS](#)

[Meetings](#)

[Awards](#)

[Reports and Communications](#)

[Governance](#)

[Support NUCL](#)

[RSS Feed](#) type, hit enter

type, hit enter

SEARCH

2014 Kinard Award Winner

The 2014 W.F. Kinard Distinguished Service Award was presented to Prof. Herbert Silber, San Jose State University at the NUCL Business Meeting during the Fall 2014 ACS National Meeting in San Francisco, CA. Herb was recognized for his outstanding contributions to the Nuclear and Radiochemistry Summer Schools.



Herb Silber and Paul Mantica

Posts



Nuclear Chemistry & Technology Nuclear and Radiochemistry Summer Schools Outstanding Student Awards Event Form 2014

Event - Overview																																																																								
Name of the Event*	Nuclear and Radiochemistry Summer Schools Outstanding Student Awards																																																																							
Brief Description*	The outstanding student from the 2013 Nuclear and Radiochemistry Summer schools were Marie Kirkegaard from Harvey Mudd College and John Strikwerda from Calvin College.																																																																							
Organization*	Nuclear Chemistry & Technology (NUCL)																																																																							
Year Held*	2014																																																																							
First time event?	<input type="checkbox"/>																																																																							
Primary Contact*	Dave Robertson																																																																							
Category(ies)*	<table border="1"> <thead> <tr> <th>Available Options</th> <th>Selected Options</th> </tr> </thead> <tbody> <tr> <td>(Section) Governance Awards</td> <td>Awards</td> </tr> <tr> <td>Career Services</td> <td>National Meeting</td> </tr> <tr> <td>Chemistry Olympiad</td> <td>Professional/Leadership Development</td> </tr> <tr> <td>Chemists Celebrate Earth Day</td> <td>Social/Networking</td> </tr> <tr> <td>Communications</td> <td></td> </tr> <tr> <td>Education (Teachers/Students)</td> <td></td> </tr> <tr> <td>Family/Spouse Activities</td> <td></td> </tr> <tr> <td>Government Affairs</td> <td></td> </tr> <tr> <td>Industry</td> <td></td> </tr> <tr> <td>International Year of Chemistry IYC2011</td> <td></td> </tr> <tr> <td>Joint Meeting</td> <td></td> </tr> <tr> <td>K-12 Student</td> <td></td> </tr> <tr> <td>K-12 Teacher</td> <td></td> </tr> <tr> <td>Member Survey</td> <td></td> </tr> <tr> <td>Minority Affairs</td> <td></td> </tr> <tr> <td>MPPG (thematic program)</td> <td></td> </tr> <tr> <td>National Chemistry Week</td> <td></td> </tr> <tr> <td>National Lab Day</td> <td></td> </tr> <tr> <td>National Meeting</td> <td></td> </tr> <tr> <td>Professional/Leadership Development</td> <td></td> </tr> <tr> <td>Programming Outside of The National Meeting</td> <td></td> </tr> <tr> <td>Project SEED</td> <td></td> </tr> <tr> <td>Public Outreach</td> <td></td> </tr> <tr> <td>Regional Meeting</td> <td></td> </tr> <tr> <td>Science Cafes</td> <td></td> </tr> <tr> <td>Science Fairs & Festivals</td> <td></td> </tr> <tr> <td>Section Meeting or Event</td> <td></td> </tr> <tr> <td>Senior Chemists</td> <td></td> </tr> <tr> <td>Social/Networking</td> <td></td> </tr> <tr> <td>Student Member</td> <td></td> </tr> <tr> <td>Supporting Activities</td> <td></td> </tr> <tr> <td>Symposium</td> <td></td> </tr> <tr> <td>Women Chemists</td> <td></td> </tr> <tr> <td>Younger Chemists</td> <td></td> </tr> </tbody> </table>	Available Options	Selected Options	(Section) Governance Awards	Awards	Career Services	National Meeting	Chemistry Olympiad	Professional/Leadership Development	Chemists Celebrate Earth Day	Social/Networking	Communications		Education (Teachers/Students)		Family/Spouse Activities		Government Affairs		Industry		International Year of Chemistry IYC2011		Joint Meeting		K-12 Student		K-12 Teacher		Member Survey		Minority Affairs		MPPG (thematic program)		National Chemistry Week		National Lab Day		National Meeting		Professional/Leadership Development		Programming Outside of The National Meeting		Project SEED		Public Outreach		Regional Meeting		Science Cafes		Science Fairs & Festivals		Section Meeting or Event		Senior Chemists		Social/Networking		Student Member		Supporting Activities		Symposium		Women Chemists		Younger Chemists		
Available Options	Selected Options																																																																							
(Section) Governance Awards	Awards																																																																							
Career Services	National Meeting																																																																							
Chemistry Olympiad	Professional/Leadership Development																																																																							
Chemists Celebrate Earth Day	Social/Networking																																																																							
Communications																																																																								
Education (Teachers/Students)																																																																								
Family/Spouse Activities																																																																								
Government Affairs																																																																								
Industry																																																																								
International Year of Chemistry IYC2011																																																																								
Joint Meeting																																																																								
K-12 Student																																																																								
K-12 Teacher																																																																								
Member Survey																																																																								
Minority Affairs																																																																								
MPPG (thematic program)																																																																								
National Chemistry Week																																																																								
National Lab Day																																																																								
National Meeting																																																																								
Professional/Leadership Development																																																																								
Programming Outside of The National Meeting																																																																								
Project SEED																																																																								
Public Outreach																																																																								
Regional Meeting																																																																								
Science Cafes																																																																								
Science Fairs & Festivals																																																																								
Section Meeting or Event																																																																								
Senior Chemists																																																																								
Social/Networking																																																																								
Student Member																																																																								
Supporting Activities																																																																								
Symposium																																																																								
Women Chemists																																																																								
Younger Chemists																																																																								
	<input type="checkbox"/> Other																																																																							
Which strategic goal(s) from the ACS Strategic Plan does this event support?	<input type="checkbox"/> 1. Provide Information. Be the most authoritative, comprehensive, and indispensable provider of chemistry-related information. <input checked="" type="checkbox"/> 2. Advance Member Careers. Empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy. <input checked="" type="checkbox"/> 3. Improve Education. Foster the development of the most innovative, relevant and effective chemistry education in the world. <input type="checkbox"/> 4. Communicate Chemistry's Value. Communicate chemistry's vital role in addressing the world's challenges to the public and policymakers.																																																																							
Event Phase*	Completed																																																																							
Event Frequency*	Annual																																																																							
Event Date Selection	From 3/24/2014 To 3/24/2014																																																																							

Event - Participation and Assistance	
Supporting Committees	

Awards

	Available Options	Selected Options
	Awards Budget/Finance Career Assistance/Employment Chemistry Olympiad Community Activities Continuing Education Education Environmental EHS Government Affairs Industry Relations Long Range Planning Membership/Membership Retention Mentoring Minority Affairs Newsletter/Publications Nominations Professional Relations Project SEED Public Relations Senior Chemists Women Chemists Younger Chemists	
	<input type="checkbox"/> Other	
Event Partners (ACS)		
Event Partners (Non ACS)		
Estimated Number of Volunteers	6	
Members	6	
Non Members	0	
Estimated number of hours your volunteers spent on your section's/division's activities	15	
Estimated Number of Attendees	60	
Members	60	
Public	0	
Estimated Total Cost (USD)	100.00	
Outside Funding or Support	IPG-LSAC Division Grants Industry In-Kind Donations LSAC Mini/NanoGrant No Outside Funding or Support Other ACS Grants IPG-DAC	
	Other - Summer school receives Federal support	
Event Coverage	<div>Email</div> Radio Television <div>Web</div> Other -	
Event Promotion	ACS Network C & EN <div>Email</div> <div>Newsletters</div> Social Network Website	

	Other -
--	---------

Event - Narrative and Nomination

No award(s) are nominated for this event.

Event - Evaluation

Evaluate the success of the program on a scale of 1-10 (1-least successful & 10-most successful)	10
What were the greatest successes of this event?	Recognition give to young scientists that may foster their interest in nuclear science.
Lessons Learned/Suggestions to improve this event	None.
Share this event with other local sections and technical divisions.	<input type="checkbox"/>

Event - Supporting Materials

File Name	File Size	Brief Description
NUCL-NCSSStudentAwards-20141224.pdf	0.09 MB	Outstanding student recipients

Web Link/URL for the Event	Brief Description
None	

---- END OF REPORT ----

2013 NCSS Outstanding Students

The Outstanding Students from the 2013 Nuclear and Radiochemistry Summer Schools were recognized at the NUCL Business Meeting during the Spring ACS National Meeting in Dallas, TX



Marie Kirkegaard and Dave Robertson



John Strikwedra and Dave Robertson

Posts

[Home](#)

[Education](#)

[Employment](#)

[NCSS](#)

[Meetings](#)

[Awards](#)

[Reports and Communications](#)

[Governance](#)

[Support NUCL](#)

[RSS Feed](#) type, hit enter

type, hit enter

SEARCH



Nuclear Chemistry & Technology Nuclear and Radiochemistry Summer Schools Event Form 2014

Event - Overview								
Name of the Event*	Nuclear and Radiochemistry Summer Schools							
Brief Description*	6-week intensive educational program for undergraduate hosted by Brookhaven National Laboratory and San Jose State University.							
Organization*	Nuclear Chemistry & Technology (NUCL)							
Year Held*	2014							
First time event?	<input type="checkbox"/>							
Primary Contact*	Dave Robertson							
Category(ies)*	<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Available Options</th> <th style="text-align: left;">Selected Options</th> </tr> </thead> <tbody> <tr> <td> (Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists </td> <td> Career Services Education (Teachers/Students) Social/Networking Student Member </td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Other </td> </tr> </tbody> </table>		Available Options	Selected Options	(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	Career Services Education (Teachers/Students) Social/Networking Student Member	<input type="checkbox"/> Other	
Available Options	Selected Options							
(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	Career Services Education (Teachers/Students) Social/Networking Student Member							
<input type="checkbox"/> Other								
Which strategic goal(s) from the ACS Strategic Plan does this event support?	<input checked="" type="checkbox"/> 1. Provide Information. Be the most authoritative, comprehensive, and indispensable provider of chemistry-related information. <input checked="" type="checkbox"/> 2. Advance Member Careers. Empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy. <input checked="" type="checkbox"/> 3. Improve Education. Foster the development of the most innovative, relevant and effective chemistry education in the world. <input checked="" type="checkbox"/> 4. Communicate Chemistry's Value. Communicate chemistry's vital role in addressing the world's challenges to the public and policymakers.							
Event Phase*	Completed							
Event Frequency*	Annual							
Event Date Selection	From 6/9/2014 To 7/18/2014							

Event - Participation and Assistance

Supporting Committees	Available Options Awards Budget/Finance Career Assistance/Employment Chemistry Olympiad Community Activities Continuing Education Education Environmental EHS Government Affairs Industry Relations Long Range Planning Membership/Membership Retention Mentoring Minority Affairs Newsletter/Publications Nominations Professional Relations Project SEED Public Relations Senior Chemists Women Chemists Younger Chemists	Selected Options
	<input type="checkbox"/> Other	
Event Partners (ACS)		
Event Partners (Non ACS)	U.S. DOE, Brookhaven National Lab, San Jose State U	
Estimated Number of Volunteers	30	
Members	20	
Non Members	10	
Estimated number of hours your volunteers spent on your section's/division's activities	200	
Estimated Number of Attendees	24	
Members	24	
Public	0	
Estimated Total Cost (USD)	500000.00	
Outside Funding or Support	IPG-LSAC Division Grants Industry In-Kind Donations LSAC Mini/NanoGrant No Outside Funding or Support Other ACS Grants IPG-DAC	
	Other - U.S. Department of Energy	
Event Coverage	Email Radio Television <input checked="" type="checkbox"/> Web	
	Other -	
Event Promotion	ACS Network C & EN <input checked="" type="checkbox"/> Email <input checked="" type="checkbox"/> Newsletters Social Network <input checked="" type="checkbox"/> Website	

	Other -
--	---------

Event - Narrative and Nomination

No award(s) are nominated for this event.

Event - Evaluation

Evaluate the success of the program on a scale of 1-10 (1-least successful & 10-most successful)	10
What were the greatest successes of this event?	Engaging young scientists in nuclear chemistry related activities as a means to enhance the workforce pipeline to satisfy national needs.
Lessons Learned/Suggestions to improve this event	Program first established in 1984, and continuous improvements have been key to maintaining the success of this program for 30 years.
Share this event with other local sections and technical divisions.	<input type="checkbox"/>

Event - Supporting Materials

File Name	File Size	Brief Description
NUCL-NCSSSynopsis-20141224.pdf	0.11 MB	NCSS participants

Web Link/URL for the Event	Brief Description
http://chemistry.missouri.edu/nucsummer/app.shtml	NCSS recruiting page

---- END OF REPORT ----

The Nuclear and Radiochemistry Summer Schools at Brookhaven National Laboratory (BNL) and San Jose State University (SJSU) began June 9, 2014 and concluded on July 18, 2014. The names and schools of the twenty-four participants are given below. Dr. Trish Baisden served as primary instructor for the SJSU program this year. Dr. Louis Pena and Prof. Herb Silber continue to serve as the site directors at BNL and SJSU, respectively. The Schools are sponsored by ACS NUCL and funded by the U.S. DOE. Since the 1940s our nation recognized the strategic need for research and training in nuclear science, nuclear chemistry and radiochemistry. Over time, funding to universities and National Laboratories declined in these areas. A manpower shortage resulted, described in a 1988 NRC report (*Training Requirements for Chemists in Nuclear Medicine, Nuclear Industry, and Related Areas*) and the recent 2012 NAS report (*Assuring a Future US-Based Nuclear and Radiochemistry Expertise*). The ACS Summer School in Nuclear and Radiochemistry (NCSS) was established with the objective of introducing the fields of nuclear chemistry and radiochemistry to outstanding physics, engineering and chemistry undergraduates to bring them into the pipeline. Since they were first introduced in 1984, the Summer Schools have successfully introduced 625 of this nation's best and brightest undergraduate students to nuclear and radiochemistry and provided information on graduate education and career paths in these fields. Nearly 20% of the Summer School participants have gone on to pursue careers in the nuclear sciences and many of these individuals are now in a position to influence other young people to enter our field.

The student who participated in the 2014 Nuclear and Radiochemistry Summer Schools program were:

Brookhaven National Laboratory

Emily Aldrich (Saint Mary's College)
Corey Burden (Seattle Pacific U)
Paul Spiel (BYU Idaho),
Katherine Childers (Otterbein U)
Anna Lewis (U Central Florida)
Alexandra Meyer (U Saint Francis)
Michelle Muzzio (Iona College)
Brian Nguyen (U Missouri - KC)
Nicholas Pekas (U South Dakota)
Paul Powell (BYU Idaho)
Samuel Henderson (U Dallas)
Amanda Werlein (Tennessee Tech U)

San Jose State University

Nadia Amro (Tennessee Tech U)
Ryan Benke (U Jamestown)
Berkley Ellis (Lynchburg College)
Aaron French (U Dallas)
Kaitlyn Hall (Hollins U)
Cassara Higgins (U Northern Iowa),
Matthew Huber (South Dakota M&T)
Christopher Loveless (Fort Lewis)
Kelly O'Neill (Gustavus Adolphus)
Kathryn Peruski (U Notre Dame)
Joshua Peterson (Bradley U)
Belinda Sell (Truman State U)



Nuclear Chemistry & Technology National Meeting Programming Event Form 2014

Event - Overview																																																																														
Name of the Event*	National Meeting Programming																																																																													
Brief Description*	11 Technical Programs were sponsored by NUCL at the two ACS National Meetings in 2014																																																																													
Organization*	Nuclear Chemistry & Technology (NUCL)																																																																													
Year Held*	2014																																																																													
First time event?	<input type="checkbox"/>																																																																													
Primary Contact*	Jenifer Braley																																																																													
Category(ies)*	<table border="1"> <thead> <tr> <th>Available Options</th> <th>Selected Options</th> </tr> </thead> <tbody> <tr> <td>(Section) Governance</td> <td>National Meeting</td> </tr> <tr> <td>Awards</td> <td>Social/Networking</td> </tr> <tr> <td>Career Services</td> <td>Student Member</td> </tr> <tr> <td>Chemistry Olympiad</td> <td>Symposium</td> </tr> <tr> <td>Chemists Celebrate Earth Day</td> <td>Younger Chemists</td> </tr> <tr> <td>Communications</td> <td></td> </tr> <tr> <td>Education (Teachers/Students)</td> <td></td> </tr> <tr> <td>Family/Spouse Activities</td> <td></td> </tr> <tr> <td>Government Affairs</td> <td></td> </tr> <tr> <td>Industry</td> <td></td> </tr> <tr> <td>International Year of Chemistry</td> <td></td> </tr> <tr> <td>IYC2011</td> <td></td> </tr> <tr> <td>Joint Meeting</td> <td></td> </tr> <tr> <td>K-12 Student</td> <td></td> </tr> <tr> <td>K-12 Teacher</td> <td></td> </tr> <tr> <td>Member Survey</td> <td></td> </tr> <tr> <td>Minority Affairs</td> <td></td> </tr> <tr> <td>MPPG (thematic program)</td> <td></td> </tr> <tr> <td>National Chemistry Week</td> <td></td> </tr> <tr> <td>National Lab Day</td> <td></td> </tr> <tr> <td>National Meeting</td> <td></td> </tr> <tr> <td>Professional/Leadership Development</td> <td></td> </tr> <tr> <td>Programming Outside of The National Meeting</td> <td></td> </tr> <tr> <td>Project SEED</td> <td></td> </tr> <tr> <td>Public Outreach</td> <td></td> </tr> <tr> <td>Regional Meeting</td> <td></td> </tr> <tr> <td>Science Cafes</td> <td></td> </tr> <tr> <td>Science Fairs & Festivals</td> <td></td> </tr> <tr> <td>Section Meeting or Event</td> <td></td> </tr> <tr> <td>Senior Chemists</td> <td></td> </tr> <tr> <td>Social/Networking</td> <td></td> </tr> <tr> <td>Student Member</td> <td></td> </tr> <tr> <td>Supporting Activities</td> <td></td> </tr> <tr> <td>Symposium</td> <td></td> </tr> <tr> <td>Women Chemists</td> <td></td> </tr> <tr> <td>Younger Chemists</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other</td> </tr> </tbody> </table>		Available Options	Selected Options	(Section) Governance	National Meeting	Awards	Social/Networking	Career Services	Student Member	Chemistry Olympiad	Symposium	Chemists Celebrate Earth Day	Younger Chemists	Communications		Education (Teachers/Students)		Family/Spouse Activities		Government Affairs		Industry		International Year of Chemistry		IYC2011		Joint Meeting		K-12 Student		K-12 Teacher		Member Survey		Minority Affairs		MPPG (thematic program)		National Chemistry Week		National Lab Day		National Meeting		Professional/Leadership Development		Programming Outside of The National Meeting		Project SEED		Public Outreach		Regional Meeting		Science Cafes		Science Fairs & Festivals		Section Meeting or Event		Senior Chemists		Social/Networking		Student Member		Supporting Activities		Symposium		Women Chemists		Younger Chemists		<input type="checkbox"/> Other	
Available Options	Selected Options																																																																													
(Section) Governance	National Meeting																																																																													
Awards	Social/Networking																																																																													
Career Services	Student Member																																																																													
Chemistry Olympiad	Symposium																																																																													
Chemists Celebrate Earth Day	Younger Chemists																																																																													
Communications																																																																														
Education (Teachers/Students)																																																																														
Family/Spouse Activities																																																																														
Government Affairs																																																																														
Industry																																																																														
International Year of Chemistry																																																																														
IYC2011																																																																														
Joint Meeting																																																																														
K-12 Student																																																																														
K-12 Teacher																																																																														
Member Survey																																																																														
Minority Affairs																																																																														
MPPG (thematic program)																																																																														
National Chemistry Week																																																																														
National Lab Day																																																																														
National Meeting																																																																														
Professional/Leadership Development																																																																														
Programming Outside of The National Meeting																																																																														
Project SEED																																																																														
Public Outreach																																																																														
Regional Meeting																																																																														
Science Cafes																																																																														
Science Fairs & Festivals																																																																														
Section Meeting or Event																																																																														
Senior Chemists																																																																														
Social/Networking																																																																														
Student Member																																																																														
Supporting Activities																																																																														
Symposium																																																																														
Women Chemists																																																																														
Younger Chemists																																																																														
<input type="checkbox"/> Other																																																																														
Which strategic goal(s) from the ACS Strategic Plan does this event support?	<input checked="" type="checkbox"/> 1. Provide Information. Be the most authoritative, comprehensive, and indispensable provider of chemistry-related information. <input checked="" type="checkbox"/> 2. Advance Member Careers. Empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy. <input type="checkbox"/> 3. Improve Education. Foster the development of the most innovative, relevant and effective chemistry education in the world. <input type="checkbox"/> 4. Communicate Chemistry's Value. Communicate chemistry's vital role in addressing the world's challenges to the public and policymakers.																																																																													
Event Phase*	Completed																																																																													
Event Frequency*	Other - Bi-annual																																																																													
Event Date Selection																																																																														

Event - Participation and Assistance						
Supporting Committees	<table border="1"> <thead> <tr> <th>Available Options</th> <th>Selected Options</th> </tr> </thead> <tbody> <tr> <td colspan="2"></td> </tr> </tbody> </table>		Available Options	Selected Options		
Available Options	Selected Options					

	Awards Budget/Finance Career Assistance/Employment Chemistry Olympiad Community Activities Continuing Education Education Environmental EHS Government Affairs Industry Relations Long Range Planning Membership/Membership Retention Mentoring Minority Affairs Newsletter/Publications Nominations Professional Relations Project SEED Public Relations Senior Chemists Women Chemists Younger Chemists	
	<input type="checkbox"/> Other	
Event Partners (ACS)		
Event Partners (Non ACS)		
Estimated Number of Volunteers	35	
Members	35	
Non Members	0	
Estimated number of hours your volunteers spent on your section's/division's activities	350	
Estimated Number of Attendees	250	
Members	250	
Public	0	
Estimated Total Cost (USD)	16000.00	
Outside Funding or Support	IPG-LSAC Division Grants Industry In-Kind Donations LSAC Mini/NanoGrant No Outside Funding or Support Other ACS Grants IPG-DAC	
	Other - academic and government institutions	
Event Coverage	Email Radio Television Web Other -	
Event Promotion	ACS Network C & EN Email Newsletters Social Network Website Other -	

Event - Narrative and Nomination

No award(s) are nominated for this event.

Event - Evaluation

Evaluate the success of the program on a scale of 1-10 (1-least successful & 10-most successful)	10
What were the greatest successes of this event?	Participation in the technical sessions at the both the Dallas and San Francisco meetings was very high.
Lessons Learned/Suggestions to improve this event	Good balance in technical programming is important to draw broad interest. Need to discuss with ACS national the continuing logistical issue with symposia being placed in remote hotels (instead of the convention center)
Share this event with other local sections and technical divisions.	<input type="checkbox"/>

Event - Supporting Materials

File Name	File Size	Brief Description
NUCL-NationalMtgSynopsis-20141224.pdf	0.1 MB	NUCL programming synopsis

Web Link/URL for the Event	Brief Description
http://abstracts.acs.org/chem/247nm/program/divisionindex.php?act=session&val=222965&prog=222965	NUCL Tech Program archive - 2014 Dallas
http://abstracts.acs.org/chem/248nm/program/divisionindex.php?act=session&val=234276&prog=234276	NUCL Tech Program archive - 2014 SF

---- END OF REPORT ----

247th ACS National Meeting, Spring 2014, Dallas, TX
 March 16-20, 2014

NUCL: Division of Nuclear Chemistry and Technology	S	M	T	W	T
Glenn T. Seaborg Award for Nuclear Chemistry: Symposium in Honor of Walter D. Loveland	D	A			
Radiation Hardened Materials for Accelerators, Reactors and Spacecraft	P	D			
Symposium in Honor of Norman Edelstein: A Distinguished and Diverse Scientific Career in Actinide Chemistry		P	D	D	
Global Status of Nuclear Energy			D		
Nuclear Batteries and Radioisotope Micropower Sources				D	
Co-sponsored Symposia: Selecting a co-sponsored symposia will take you outside of the current Committee, Secretariat or Division					
Thermodynamics, Reactivity, and Spectroscopy of the Heavy Elements*(PHYS)	D	D		A	D

128 Technical Papers were submitted to the 5 NUCL symposia
 The NUCL Executive Committee Meeting was held Sunday, March 16
 The NUCL Business Meeting was held Monday, March 17

248th ACS National Meeting, Fall 2014, San Francisco, CA
August 10-14, 2014

NUCL: Division of Nuclear Chemistry and Technology	S	M	T	W	T
High-Level Waste Storage	A				
Nuclear Fusion: From NIF To the Stars	D	D			
Comprehensive Test Ban Treaty Verification	P				
A Lifetime of Contributions To Science, Summer Schools and Our NUCL Division Family: Symposium in Honor of Frank Kinard**		D			
Environmental Radiochemistry**			D	D	
Young Investigators in Nuclear and Radiochemistry**			D	D	A
Co-sponsored Symposia: Selecting a co-sponsored symposia will take you outside of the current Committee, Secretariat or Division					
Rare Earth Separation Chemistry*(I&EC)	P				

130 Technical Papers were submitted to the 6 NUCL symposia
The NUCL Executive Committee Meeting was held Sunday, August 10
The NUCL Business Meeting was held Monday, August 11
A Strategic Planning Reconciliation Meeting was held Thursday, August 14



Nuclear Chemistry & Technology Kinard Symposium at SERMACS meeting Event Form 2014

Event - Overview																																																																														
Name of the Event*	Kinard Symposium at SERMACS meeting																																																																													
Brief Description*	One-day symposium entitled "Honoring W. Frank Kinard – Professor, Nuclear Chemist, Mentor, Friend" organized for the SERMACS 2014 meeting in Nashville, TN.																																																																													
Organization*	Nuclear Chemistry & Technology (NUCL)																																																																													
Year Held*	2014																																																																													
First time event?	<input checked="" type="checkbox"/>																																																																													
Primary Contact*	Donivan Porterfield																																																																													
Category(ies)*	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9d9d9;"> <th style="width: 50%;">Available Options</th> <th style="width: 50%;">Selected Options</th> </tr> </thead> <tbody> <tr> <td>(Section) Governance</td> <td>Symposium</td> </tr> <tr> <td>Awards</td> <td>Student Member</td> </tr> <tr> <td>Career Services</td> <td>Regional Meeting</td> </tr> <tr> <td>Chemistry Olympiad</td> <td></td> </tr> <tr> <td>Chemists Celebrate Earth Day</td> <td></td> </tr> <tr> <td>Communications</td> <td></td> </tr> <tr> <td>Education (Teachers/Students)</td> <td></td> </tr> <tr> <td>Family/Spouse Activities</td> <td></td> </tr> <tr> <td>Government Affairs</td> <td></td> </tr> <tr> <td>Industry</td> <td></td> </tr> <tr> <td>International Year of Chemistry</td> <td></td> </tr> <tr> <td>IYC2011</td> <td></td> </tr> <tr> <td>Joint Meeting</td> <td></td> </tr> <tr> <td>K-12 Student</td> <td></td> </tr> <tr> <td>K-12 Teacher</td> <td></td> </tr> <tr> <td>Member Survey</td> <td></td> </tr> <tr> <td>Minority Affairs</td> <td></td> </tr> <tr> <td>MPPG (thematic program)</td> <td></td> </tr> <tr> <td>National Chemistry Week</td> <td></td> </tr> <tr> <td>National Lab Day</td> <td></td> </tr> <tr> <td>National Meeting</td> <td></td> </tr> <tr> <td>Professional/Leadership Development</td> <td></td> </tr> <tr> <td>Programming Outside of The National Meeting</td> <td></td> </tr> <tr> <td>Project SEED</td> <td></td> </tr> <tr> <td>Public Outreach</td> <td></td> </tr> <tr> <td>Regional Meeting</td> <td></td> </tr> <tr> <td>Science Cafes</td> <td></td> </tr> <tr> <td>Science Fairs & Festivals</td> <td></td> </tr> <tr> <td>Section Meeting or Event</td> <td></td> </tr> <tr> <td>Senior Chemists</td> <td></td> </tr> <tr> <td>Social/Networking</td> <td></td> </tr> <tr> <td>Student Member</td> <td></td> </tr> <tr> <td>Supporting Activities</td> <td></td> </tr> <tr> <td>Symposium</td> <td></td> </tr> <tr> <td>Women Chemists</td> <td></td> </tr> <tr> <td>Younger Chemists</td> <td></td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Other </td> </tr> </tbody> </table>		Available Options	Selected Options	(Section) Governance	Symposium	Awards	Student Member	Career Services	Regional Meeting	Chemistry Olympiad		Chemists Celebrate Earth Day		Communications		Education (Teachers/Students)		Family/Spouse Activities		Government Affairs		Industry		International Year of Chemistry		IYC2011		Joint Meeting		K-12 Student		K-12 Teacher		Member Survey		Minority Affairs		MPPG (thematic program)		National Chemistry Week		National Lab Day		National Meeting		Professional/Leadership Development		Programming Outside of The National Meeting		Project SEED		Public Outreach		Regional Meeting		Science Cafes		Science Fairs & Festivals		Section Meeting or Event		Senior Chemists		Social/Networking		Student Member		Supporting Activities		Symposium		Women Chemists		Younger Chemists		<input type="checkbox"/> Other	
Available Options	Selected Options																																																																													
(Section) Governance	Symposium																																																																													
Awards	Student Member																																																																													
Career Services	Regional Meeting																																																																													
Chemistry Olympiad																																																																														
Chemists Celebrate Earth Day																																																																														
Communications																																																																														
Education (Teachers/Students)																																																																														
Family/Spouse Activities																																																																														
Government Affairs																																																																														
Industry																																																																														
International Year of Chemistry																																																																														
IYC2011																																																																														
Joint Meeting																																																																														
K-12 Student																																																																														
K-12 Teacher																																																																														
Member Survey																																																																														
Minority Affairs																																																																														
MPPG (thematic program)																																																																														
National Chemistry Week																																																																														
National Lab Day																																																																														
National Meeting																																																																														
Professional/Leadership Development																																																																														
Programming Outside of The National Meeting																																																																														
Project SEED																																																																														
Public Outreach																																																																														
Regional Meeting																																																																														
Science Cafes																																																																														
Science Fairs & Festivals																																																																														
Section Meeting or Event																																																																														
Senior Chemists																																																																														
Social/Networking																																																																														
Student Member																																																																														
Supporting Activities																																																																														
Symposium																																																																														
Women Chemists																																																																														
Younger Chemists																																																																														
<input type="checkbox"/> Other																																																																														
Which strategic goal(s) from the ACS Strategic Plan does this event support?	<input checked="" type="checkbox"/> 1. Provide Information. Be the most authoritative, comprehensive, and indispensable provider of chemistry-related information. <input checked="" type="checkbox"/> 2. Advance Member Careers. Empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy. <input checked="" type="checkbox"/> 3. Improve Education. Foster the development of the most innovative, relevant and effective chemistry education in the world. <input type="checkbox"/> 4. Communicate Chemistry's Value. Communicate chemistry's vital role in addressing the world's challenges to the public and policymakers.																																																																													
Event Phase*	Completed																																																																													
Event Frequency*	One time																																																																													
Event Date Selection	From 10/18/2014 To 10/18/2014																																																																													

Event - Participation and Assistance	
Supporting Committees	

	Available Options	Selected Options
	Awards Budget/Finance Career Assistance/Employment Chemistry Olympiad Community Activities Continuing Education Education Environmental EHS Government Affairs Industry Relations Long Range Planning Membership/Membership Retention Mentoring Minority Affairs Newsletter/Publications Nominations Professional Relations Project SEED Public Relations Senior Chemists Women Chemists Younger Chemists	
	<input type="checkbox"/> Other	
Event Partners (ACS)	Southeastern Region	
Event Partners (Non ACS)		
Estimated Number of Volunteers	2	
Members	2	
Non Members	0	
Estimated number of hours your volunteers spent on your section's/division's activities	50	
Estimated Number of Attendees	60	
Members	60	
Public	0	
Estimated Total Cost (USD)	1500.00	
Outside Funding or Support	IPG-LSAC Division Grants Industry In-Kind Donations LSAC Mini/NanoGrant No Outside Funding or Support Other ACS Grants IPG-DAC Other -	
Event Coverage	Email Radio Television Web Other -	
Event Promotion	ACS Network C & EN Email Newsletters Social Network Website	

	Other -
--	---------

Event - Narrative and Nomination

No award(s) are nominated for this event.

Event - Evaluation

Evaluate the success of the program on a scale of 1-10 (1-least successful & 10-most successful)	10
What were the greatest successes of this event?	Interaction of current College of Charleston students with Chemical Professionals who had collaborated with Dr. Kinard
Lessons Learned/Suggestions to improve this event	NUCL-Regional meeting interactions continue to be successful
Share this event with other local sections and technical divisions.	<input type="checkbox"/>

Event - Supporting Materials

File Name	File Size	Brief Description
sermacs-kinard-speakers.pdf	0.18 MB	Kinard symposium program

Web Link/URL for the Event	Brief Description
http://www.sermacs2014.org/program.php	SERMACS invited symposia

---- END OF REPORT ----



SERMACS 2014

TUNE IN TO CHEMISTRY IN MUSIC CITY

October 16 – 19, 2014, Nashville, Tennessee

www.SERMACS2014.org



Honoring W. Frank Kinard –Professor, Nuclear Chemist, Mentor, Friend

Organized by Wendy Cory, College of Charleston

Speakers Expected to Present on Saturday, October 18

Geroge Cobb – Baylor Universtiy

Elizabeth Caraway – Clemson University

Nathan Adamson – College of Charleston

Gretchen Potts – UT-Chattanooga

Katherine Mullaugh – College of Charleston

Robert Campbell – The Pentagon

Howard Hall – University of Tennessee

Laura McConnell – Bayer Crop Science

Christopher Klug – Georgia Regents University

Wendy Cory – College of Charleston



Nuclear Chemistry & Technology Historic film conversion Event Form 2014

Event - Overview								
Name of the Event*	Historic film conversion							
Brief Description*	Historic films about the discovery of element 101 that were shot with a 16-mm camera were converted into high quality digital format.							
Organization*	Nuclear Chemistry & Technology (NUCL)							
Year Held*	2014							
First time event?	<input type="checkbox"/>							
Primary Contact*	Zach Kohley							
Category(ies)*	<table border="1"> <thead> <tr> <th>Available Options</th> <th>Selected Options</th> </tr> </thead> <tbody> <tr> <td> (Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists </td> <td>Public Outreach</td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Other </td> </tr> </tbody> </table>		Available Options	Selected Options	(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	Public Outreach	<input type="checkbox"/> Other	
Available Options	Selected Options							
(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	Public Outreach							
<input type="checkbox"/> Other								
Which strategic goal(s) from the ACS Strategic Plan does this event support?	<input checked="" type="checkbox"/> 1. Provide Information. Be the most authoritative, comprehensive, and indispensable provider of chemistry-related information. <input type="checkbox"/> 2. Advance Member Careers. Empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy. <input type="checkbox"/> 3. Improve Education. Foster the development of the most innovative, relevant and effective chemistry education in the world. <input type="checkbox"/> 4. Communicate Chemistry's Value. Communicate chemistry's vital role in addressing the world's challenges to the public and policymakers.							
Event Phase*	Completed							
Event Frequency*	One time							
Event Date Selection	From 4/30/2014 To 4/30/2014							

Event - Participation and Assistance						
Supporting Committees	<table border="1"> <thead> <tr> <th>Available Options</th> <th>Selected Options</th> </tr> </thead> <tbody> <tr> <td colspan="2"> </td> </tr> </tbody> </table>		Available Options	Selected Options		
Available Options	Selected Options					

	Awards Budget/Finance Career Assistance/Employment Chemistry Olympiad Community Activities Continuing Education Education Environmental EHS Government Affairs Industry Relations Long Range Planning Membership/Membership Retention Mentoring Minority Affairs Newsletter/Publications Nominations Professional Relations Project SEED Public Relations Senior Chemists Women Chemists Younger Chemists	
	<input type="checkbox"/> Other	
Event Partners (ACS)		
Event Partners (Non ACS)		
Estimated Number of Volunteers	3	
Members	3	
Non Members	0	
Estimated number of hours your volunteers spent on your section's/division's activities	30	
Estimated Number of Attendees	0	
Members	0	
Public	0	
Estimated Total Cost (USD)	500.00	
Outside Funding or Support	IPG-LSAC Division Grants Industry In-Kind Donations LSAC Mini/NanoGrant No Outside Funding or Support Other ACS Grants IPG-DAC Other -	
Event Coverage	Email Radio Television Web Other -	
Event Promotion	ACS Network C & EN Email Newsletters Social Network Website Other -	

Event - Narrative and Nomination

No award(s) are nominated for this event.

Event - Evaluation

Evaluate the success of the program on a scale of 1-10 (1-least successful & 10-most successful)	10
What were the greatest successes of this event?	The availability of the historic footage in digital format will allow the division to use the content for public outreach and education
Lessons Learned/Suggestions to improve this event	There are probably other historical resources that should be preserved and also made available for public view
Share this event with other local sections and technical divisions.	<input type="checkbox"/>

Event - Supporting Materials

File Name	File Size	Brief Description
NUCL-FilmConversionNarrative-20141224.pdf	0.09 MB	Short narrative on film conversion

Web Link/URL for the Event	Brief Description
None	

---- END OF REPORT ----

In April 2014, the ACS Nuclear Chemistry and Technology division was awarded an innovative project grant (IPG) for “Increasing awareness and interest of K-12 students and the general public in Nuclear Chemistry and Technology. Zach Kohley from Michigan State University is the primary contact for the IPG. One of the main components in the IPG proposal was to convert old 16mm historic films about the discovery of element 101 into a high quality digital. The conversion of the 16mm film to a digital HD format has been completed. This effort was led by David Shuh at Lawrence Berkeley National Laboratory. Copies of the converted film are held at both Lawrence Berkeley National Laboratory with David Shuh and at the Michigan State University with Zach Kohley. Additional processing of the film will be considered to add music and/or voiceover discussing the events. Clips from the film will be made available on the ACS-NUCL website.



Nuclear Chemistry & Technology Preparation of nuclear outreach kits Event Form 2014

Event - Overview						
Name of the Event*	Preparation of nuclear outreach kits					
Brief Description*	Items are being procured to create a nuclear outreach kit for use by division membership to increase awareness of K-12 students and the general public on nuclear related issues.					
Organization*	Nuclear Chemistry & Technology (NUCL)					
Year Held*	2014					
First time event?	<input checked="" type="checkbox"/>					
Primary Contact*	Zach Kohley					
Category(ies)*	<table border="1"> <thead> <tr> <th>Available Options</th> <th>Selected Options</th> </tr> </thead> <tbody> <tr> <td> (Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists </td> <td> K-12 Student Public Outreach Communications Education (Teachers/Students) </td> </tr> </tbody> </table>	Available Options	Selected Options	(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	K-12 Student Public Outreach Communications Education (Teachers/Students)	
Available Options	Selected Options					
(Section) Governance Awards Career Services Chemistry Olympiad Chemists Celebrate Earth Day Communications Education (Teachers/Students) Family/Spouse Activities Government Affairs Industry International Year of Chemistry IYC2011 Joint Meeting K-12 Student K-12 Teacher Member Survey Minority Affairs MPPG (thematic program) National Chemistry Week National Lab Day National Meeting Professional/Leadership Development Programming Outside of The National Meeting Project SEED Public Outreach Regional Meeting Science Cafes Science Fairs & Festivals Section Meeting or Event Senior Chemists Social/Networking Student Member Supporting Activities Symposium Women Chemists Younger Chemists	K-12 Student Public Outreach Communications Education (Teachers/Students)					
	<input type="checkbox"/> Other					
Which strategic goal(s) from the ACS Strategic Plan does this event support?	<input checked="" type="checkbox"/> 1. Provide Information. Be the most authoritative, comprehensive, and indispensable provider of chemistry-related information. <input type="checkbox"/> 2. Advance Member Careers. Empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy. <input checked="" type="checkbox"/> 3. Improve Education. Foster the development of the most innovative, relevant and effective chemistry education in the world. <input checked="" type="checkbox"/> 4. Communicate Chemistry's Value. Communicate chemistry's vital role in addressing the world's challenges to the public and policymakers.					
Event Phase*	Planning					
Event Frequency*	Other - Ongoing					
Event Date Selection						

Event - Participation and Assistance						
Supporting Committees	<table border="1"> <thead> <tr> <th>Available Options</th> <th>Selected Options</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Available Options	Selected Options			
Available Options	Selected Options					

	Awards Budget/Finance Career Assistance/Employment Chemistry Olympiad Community Activities Continuing Education Education Environmental EHS Government Affairs Industry Relations Long Range Planning Membership/Membership Retention Mentoring Minority Affairs Newsletter/Publications Nominations Professional Relations Project SEED Public Relations Senior Chemists Women Chemists Younger Chemists	
	<input type="checkbox"/> Other	
Event Partners (ACS)		
Event Partners (Non ACS)		
Estimated Number of Volunteers	2	
Members	2	
Non Members	0	
Estimated number of hours your volunteers spent on your section's/division's activities	30	
Estimated Number of Attendees	0	
Members	0	
Public	0	
Estimated Total Cost (USD)	5000.00	
Outside Funding or Support	IPG-LSAC Division Grants Industry In-Kind Donations LSAC Mini/NanoGrant No Outside Funding or Support Other ACS Grants IPG-DAC Other -	
Event Coverage	Email Radio Television Web Other -	
Event Promotion	ACS Network C & EN Email Newsletters Social Network Website Other -	

Event - Narrative and Nomination

No award(s) are nominated for this event.

Event - Evaluation

Evaluate the success of the program on a scale of 1-10 (1-least successful & 10-most successful)	
What were the greatest successes of this event?	
Lessons Learned/Suggestions to improve this event	
Share this event with other local sections and technical divisions.	<input type="checkbox"/>

Event - Supporting Materials

File Name	File Size	Brief Description
NUCL-OutreachKitNarrative-20141224.pdf	0.09 MB	Short narrative on nuclear outreach kits

Web Link/URL for the Event	Brief Description
None	

---- END OF REPORT ----

In April 2014, the ACS Nuclear Chemistry and Technology division was awarded an innovative project grant (IPG) for “Increasing awareness and interest of K-12 students and the general public in Nuclear Chemistry and Technology”. One of the components in the IPG proposal was to purchase equipment for the creation of an outreach kit that could be used by the division to increase outreach activities. Procurement of items for the outreach kit from Images Scientific, Vernier, and United Nuclear have been completed. A basic outreach kit package needs to be completed including a shipping container and a new page on the ACS-NUCL website needs to be created to inform the community about the opportunity to use the outreach kit. We anticipate the kit being completed during calendar year 2015.