



Division of Nuclear Chemistry and Technology
American Chemical Society

NUCL WWW Home Page – <http://www.cofc.edu/~nuclear>

NEWSLETTER
October 2012

Newsletter Editor: Lætitia Delmau
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Topics

- > **FROM THE CHAIR**
- > **UPCOMING PROGRAMMING**
- > **SEABORG AWARD**
- > **SUMMER SCHOOLS**
- > **ACS REGIONAL MEETINGS**
- > **COUNCILORS' REPORT**
- > **CALL FOR PAPERS**

FROM THE CHAIR – *Ken Nash*

It is my honor and privilege to prepare this, my final contribution to the NUCL quarterly newsletter as Chair of the Division. I have enjoyed the experience and the time has gone by quickly – there have been some surprises along the way, but at least some of them were pleasant surprises ☺. The Nuclear Division overall is financially healthy, our programming at National and Regional meeting has been successful and looks good in the coming years, and we have maintained our membership numbers above 1000 during a period when some of the larger technical divisions are actually decreasing in size. In Philadelphia our symposia were well attended, in particular the celebration of the 100 year anniversary of the birth of Glenn T. Seaborg and Charles Coryell, the Garvin-Olin Award symposium honoring my WSU colleague Sue Clark, and the Young Investigator symposium. Attendance at the Young Investigator symposium is a matter of pride for the Division and arguably a sign that our field does indeed have prospects for a strong future. Thanks are due to all organizers and presenters who made the meeting a success. In Philadelphia, the Executive Committee voted to raise annual dues for full members of the Division to \$25, with that increased intended primarily to support the continuation of the Glenn T. Seaborg Award in Nuclear Chemistry as a National Award. Elsewhere in this

NUCL Newsletter, October '12, page - 1

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Alternate Councilor

DAWN A. SHAUGHNESSY, 2012-2014

Members-at-Large, Executive Committee

SUZANNE LAPI, 2012-2014

DAVID MORISSEY, 2010-2012

Newsletter, Mike Bronikowski updates the current status of fundraising activities for the Award. We have a challenge, but we also have a plan.

Work is of course well along on the program for New Orleans in the Spring of 2013, in fact we are down to the last month before the abstract submission deadline – this is a not-too-subtle reminder to get your abstracts in. In New Orleans, the Seaborg Award Symposium will honor the career accomplishments of Richard G. Haire. Our colleagues have also organized a symposium commemorating the legacy of Professor Mike Welch. A third significant contribution to the program that responds to the thematic programming focus of “Energy and Food” is *Radiochemistry and risk assessment of food and water contaminated with radionuclides*. We round out the program with symposia focusing on nuclear forensics, analytical chemistry in nuclear technology, and general topics in nuclear and radiochemistry. Each of these symposia features oral presentations and all are anxiously awaiting your contributions. The deadline for submission of abstracts is November 5, but the Program Chair(s) request that you get your abstracts in early and join us in one of the most interesting cities in the U.S. for what is shaping up as a strong program.

As I close this message and enter the last quarter of my term, it is right and proper to express my gratitude to my colleagues on the Executive Committee who have provided support and guidance during this year in which we have wrestled with challenging issues like the status of the Seaborg Award. I also choose to single out Dr. (now Professor) Jenifer Braley who assumed the substantial responsibility as our Program Chair, lifting a significant burden from the shoulders of the Chair (whose duties are substantial enough without worrying about the how many sausage wraps to order for the Divisional Social Hour). Another silent partner in the affairs of the Division is Dr. Lætitia Delmau who nags and

cajoles four newsletters per year out of the officers of the Division in the somewhat invisible role of Newsletter editor. I must also mention Frank Kinard, long time Secretary of the Division who is also the keeper of the website, where I have tried to deposit more information during my time as Chair – please do check there for information on the latest events and trends in the field. I thank you, the members of the Division, for your continued support of NUCL as your professional outlet – we need to know how you feel about the things we are doing and will always welcome your opinions and input. It is with a sense of regret for the things not yet accomplished, but also relief for the removal of yet another obligation, that I will hand the reins of command off to Bob Rundberg at the end of the year. Thank you all – I am proud to be a member of this division - and happy to have received my Past Chair pin!

UPCOMING PROGRAMMING – Jenifer Braley

As Ken highlighted, abstract submission for New Orleans meeting is now open. If you have questions regarding abstract submission process, I would be happy to assist. Courtesy of Bob Rundberg (Chair, 2013), Paul Mantica (Chair, 2014) and interest from other parties, a full programming schedule has also been developed for the Fall 2013 meeting in Indianapolis and the 2014 meetings. If you have interest in programming further out, there is ample room in the 2015 Spring (Denver) and Fall (Boston) meeting. The theme for the Denver meeting, “Chemical Resources: Extraction, Refining and Conservation”, could fit very well with some divisional interests. Thank you to all current and future organizers for their programming contributions.

Spring 2013 – New Orleans – Chemistry of Energy and Food (energy from food)

- Seaborg Award Symposium Honoring Richard G. Haire (Organizers: Chuck Alexander, John Gibson, and Lætitia Delmau)
- Analytical Chemistry in Nuclear Technology (Organizers: Charles Coleman, Dave Hobart and others)
- Nuclear Forensics (Organizers: Glenn Fugate and others) – (NUCL primary – co-sponsored with I&EC/SS&T)
- Radiochemistry and risk assessment of food and water contaminated with radionuclides (Organizers: Thomas Semkow, Chair, New York State Department of Health, tms15@health.state.ny.us, 518-474-6071, Michael Arndt, Wisconsin State Laboratory of Hygiene, michael.arndt@slh.wisc.edu, 608-224-6227, Lynn West, Wisconsin State Laboratory of Hygiene, lynn.west@slh.wisc.edu 608-224-6227, William Cunningham, FDA Center for Food Safety and Nutrition, William.Cunningham@fda.hhs.gov, 301-975-6271)
- General Topics in Nuclear and Radiochemistry (Organizers Bob Rundberg and Jenifer Braley)
- Isotope Production—Past, Present, and Future: A Symposium Honoring the Legacy of Michael J. Welch (Organizers Dennis Phillips, Suzi Lapi, Silvia Jurisson)

Fall 2013 – Indianapolis – Chemistry in Motion (transportation)

- Actinide Materials (Organizers Peter Burns, Ginger Sigmon)
- Young Investigators (Organizers: Nathalie Wall, Mikael Nilsson)
- Nuclear Spectroscopy (Title TBD) (Organizers: Bob Rundberg, other organizers welcome)
- Nuclear Reactions (Title TBD) (Organizers: Walt Loveland, other organizers welcome)
- General Topics in Nuclear and Radiochemistry (Organizers: Bob Rundberg and Jenifer Braley)

Spring 2014 – Dallas – Chemistry of Power and Advanced Materials

- Seaborg Award Symposium
- Global Status of Nuclear Energy (responding to thematic programming) (Organizer: Ken Nash et al. – others welcome)
- Norm Edelstein Symposium (Title TBD) (Organizers: Al Sattelberger, David Shuh, Lynda Soderholm, David Clark)
- Novel Materials and Their Application in Radiation Detection (Organizer TBD)
- Radiation Hardened Materials for Accelerators, Reactors, and Space Travel (Organizer TBD)
- Nuclear Batteries (Organizer TBD)

Fall 2014 – San Francisco – Chemistry for a Sustainable World

- Comprehensive Test Ban Treaty Verification (Organizer: Sean Liddick)
- High-Level Waste Storage (Organizer: Nathalie Wall)
- Nuclear Fusion, from our Sun to ITER (Organizer TBD)
- Young Investigators (Organizer TBD)

If you are interested in any of the 2014 topics and would like to serve as a Symposium Co-Organizer, please contact Paul Mantica, 2014 NUCL Chair (mantica@msu.edu), or Jenifer Braley, NUCL Program Chair (jbraley@mines.edu)

Several other concepts in development

Radiochemistry Infrastructure – cooperative with the Health Physics Society

Environmental Radiochemistry (Ralf Sudowe, UNLV, Spring 2015?)

Archaeometry (contact Dave Robertson)

SEABORG AWARD– *Mike Bronikowski*

Much happened at the Philadelphia meeting with respect to the Seaborg award. We handed out solicitation notes at the symposium Celebrating the 100th Anniversary of the Birth of Glenn T. Seaborg and Charles Coryell. The symposium was well attended, and we had a wonderful donation by Julie Coryell of the proceeds from the first 50 copies of the new book, “A Chemists Role in the Birth of Atomic Energy” which is an interview of Charles Coryell by Joan Safford. The solicitation note did make it to more than just our symposia as the ACS Grants and Awards Committee (GAC) had it when I went to their meeting. Upon our suggestion the GAC will try to add a donation pointer to the ACS awards page or the donation page. They liked our “Contribute to Seaborg Award” button on our division page. Thus you can donate via credit card and it’s tax deductible!

A summary of the financial status of the Seaborg Award as of the end of the national meeting is provided here. Currently the ACS has ~\$7,000 in the Seaborg award account. Last year the division committed to funding the Seaborg award for three years, through 2014, from the NUCL division’s operating fund and donations. The division was given a minimum dollar amount from the awards committee, 3 years funding or >\$30,000 is needed in the Seaborg award account. This amount must be raised in order for the Seaborg award to be continued as a national award. The Nuclear division executive committee at the national meeting did two things to help the finance the award: they voted to raise the division dues in order to help provide interim funding for the Seaborg award while we are raising funds, and they voted to have a standing awards funding committee as the Seaborg award will need continued funding unless it is endowed (\$450,000). The awards funding committee would like to raise \$100,000. The awards funding committee could use a few more volunteers to help. Of

particular interest would be colleagues with ideas concerning, or better yet connections to, potential corporate sponsors for the award.

I would like to thank Walt Loveland, Darleane Hoffman, and Marinda Wu for their help in soliciting and as well as Madhukar Thakur who helped get the notes printed in Philadelphia. One last thought for anyone who might know of companies interested in donating – I think next year 2013 is the 50th Anniversary of the division – sounds like an advertising coup to me.

SUMMER SCHOOL – *Dave Robertson*

The Summer Schools at Brookhaven National Lab and San Jose State University were held from June 10 through July 20, 2012. Twelve students participated in the program at each site. Louis Pena was the site director at BNL and Herb Silber was the site director at SJSU. Frank Kinard again served as the primary instructor at SJSU and was greatly assisted by Trish Baisden. The lecturers at the BNL program were Cody Folden (Texas A&M), Dave Robertson (University of Missouri), Udo Schroder (University of Rochester), Romualdo de Souza (Indiana University), and Ken Czerwinski (University of Nevada Las Vegas). The SJSU program again had a week of lectures that emphasized nuclear and radiochemistry applications in nuclear medicine taught by Cathy Cutler (University of Missouri) and Henry Van Brocklin (UC San Francisco) and the BNL program again concluded with a one-day symposium on career and educational opportunities in nuclear and radiochemistry with multiple speakers from university programs and the national laboratories. Detailed information about the curriculum and activities can be found at the two site-specific websites http://www.bnl.gov/ncss/CHE-361_Lectures.asp and <http://kinardf.people.cofc.edu/NuclearSummerSchool/2012NSSHomepage.htm>

ACS REGIONAL MEETINGS

Nuclear Chemistry. RMRM 2012 will be held at the Westin hotel in Westminster, Colorado over October 17-20, 2012. For information on participating in that symposium please contact Donivan Porterfield (dporterfield@lanl.gov) or visit the ACS website and find your way to the meetings home page.

COUNCILORS' REPORT – *Steve Yates and Graham Peaslee*

Portions of the following edited summary were provided by the Office of the Secretary and General Counsel on key actions and discussions of the ACS Council and Board of Directors at the 2012 Fall National Meeting in Philadelphia.

Actions of the Council

Election Results for Council Committees

- **Committee on Committees:** By electronic ballot, the Council elected G. Bryan Balazs, Dawn A. Brooks, Michelle V. Buchanan, Alan B. Cooper, and Ingrid Montes for the 2013-2015 term; and Spiro D. Alexandratos and Judith Currano for the remainder of a two-year (2013-2014) term.
- **Council Policy Committee:** The Council elected Frank D. Blum, Mary K. Carroll, Lee H. Latimer, and Carolyn Ribes for the 2013-2015 term.
- **Committee on Nominations and Elections:** The Council elected Cheryl L. Vaughn Bradley, Milagros Delgado, Carol B. Libby, Les W. McQuire and Donivan R. Porterfield for the 2013-2015 term.

Candidates for President-Elect and Board of Directors

The group dynamic among the students at both sites was excellent and many of the students have already begun the process of applying to graduate programs in nuclear and radiochemistry. The following email from one of the participants in the program is a very nice reminder of the success and impact of the summer school program.

“I just wanted to thank you again for a wonderful, wonderful summer. Attending NSS was a valuable and life-changing experience for me - I learned so much (before this summer I could barely articulate the difference between nuclear chemistry and radiochemistry, let alone explain the process of stellar nucleosynthesis), met some amazing people, and had a blast. I can't imagine a better way to have spent six weeks.”

The outstanding student from the SJSU program was John Gray of Georgia Tech and the outstanding student from the BNL program was Justin Vadas of Earlham College. Both students have been invited to attend the 245th National Meeting of the American Chemical Society in New Orleans.

The 2013 Nuclear Chemistry Summer Schools will be held June 17 through July 26. The announcement and application form for the 2013 program are at <http://chemistry.missouri.edu/nucsummer/index.shtml>

Please Encourage Students to Apply.

Questions, comments, or concerns regarding the summer school program should be directed to:

Prof. J. David Robertson
National Director, ACS Nuclear and
Radiochemistry Summer Schools
University of Missouri
Columbia, MO 65211-7600
Phone 573-882-2240
robertsonjo@missouri.edu

- The candidates for the fall 2012 ACS national election were announced as follows:

Candidates for President-Elect, 2013

Dr. Thomas J. Barton, Distinguished Professor, Iowa State University, Ames, IA
 Dr. Luis A. Echegoyen, Robert A. Welch Professor, University of Texas at El Paso, El Paso, TX

Candidates for Directors-at-Large, 2013-2015

Ms. Carol A. Duane, President, D&D Consultants of Mentor, Mentor, OH
 Ms. Valerie J. Kuck, Retired, Lucent Technologies (Bell Labs), Murray Hill, NJ
 Ms. Helen (Bonnie) A. Lawlor, Executive Director, National Federation of Advanced Information Services (NFAIS), Philadelphia, PA
 Dr. Ingrid Montes, Professor, University of Puerto Rico, Rio Piedras Campus, San Juan, PR

Candidates for District I Director, 2013-2015

Dr. Thomas R. Gilbert, Associate Professor, Northeastern University, Boston, MA
 Dr. Neil D. Jespersen, Professor of Chemistry, St. John's University, Queens, NY

Candidates for District V Director, 2013-2015

Dr. John E. Adams, Curators' Teaching Professor of Chemistry, University of Missouri, Columbia, MO
 Dr. Peter K. Dorhout, Dean, College of Arts & Sciences, Kansas State University, Manhattan, KS

Petitions

- The Council received two amendments (petitions) to the ACS Constitution and Bylaws for action. The Council VOTED not to approve the Petition on Candidate Comment in C&EN which sought to

restrict candidates for election to the Board of Directors from publishing comments in C&EN from May through the balloting period. The Council also VOTED not to approve (64% to 36% via clicker vote) the Petition on International Chemical Sciences Chapters Funds. This petition sought to clarify that the Board of Directors may grant funds to international chapters for specific purposes.

- The Council also received one amendment (petition) to the ACS Constitution and Bylaws for consideration (not action). The Petition to Amend National Election Procedures seeks to shorten the campaign period for candidates for President-Elect and to charge the Committee on Nominations and Elections (N&E) with proposing two candidates for President-Elect. Currently, N&E proposes four *nominees* from which Council selects two *candidates*. Under the petition, Council would no longer vote on a list of nominees. The process of petition candidates would not change. The Petition to Amend National Election Procedures will be on the Council agenda for action at the 2013 spring meeting.

Committee Review

- As part of a regular performance review, the Council VOTED to continue the Joint Board-Council Committees on Chemists with Disabilities and on Professional Training. Continuation of these two committees also requires Board of Directors concurrence.

New Committee Supported

- The Council VOTED to establish a Joint Board-Council Committee on Senior Chemists whose mission is to enrich the educational, technical, and cultural lives of the ACS Membership by ministering to and employing the talents of senior ACS

members. The committee is aimed primarily at members over 60 years of age. Next, the Board of Directors must vote on whether to establish the committee.

Meeting Registration Report

- As of the close of business on August 22, 2012, the ACS fall national meeting had attracted 13,320 registrants, including 7,817 regular attendees and 3,177 students.

Membership Activity

- One of the Society's long-time concerns has been the decline in the number of domestic Regular Members, that is, members paying full dues. The impact of this decline has been offset, as we have reached record membership levels, by increases in the number of international Regular Members, and the 2009 addition of Student Member Undergraduates. While the number of regular domestic members paying less than full dues has decreased from 33,000 to 29,000 in the last five years, this is still significantly more than the number of student members added.
- The Committee on Economic and Professional Affairs (CEPA) has unveiled six new four-hour workshops, as the ACS Career Pathways series. CEPA trained more than 40 volunteer facilitators and the workshops are now available for regional meetings and local sections.

Realignment of Electoral Districts

- The Council VOTED 58% to 42% (via clicker vote) to shift two local sections in District II (Hampton Roads and Western Maryland) to District III. (The two local sections had agreed to the shift.) The Bylaws mandate rough equality in district populations. The shift meets the specified criteria for redistricting as required by the Bylaws and brings the districts within permissible range. During the discussion,

Councilors asked the Committee on Nominations and Elections to conduct a comprehensive review of the optimal alignment of local sections within districts.

Special Discussion Item

- A special discussion item was put on the Council agenda for this meeting. ACS President Bassam Shakhashiri presented and moderated a discussion on "What major efforts should ACS pursue to help alleviate water and other global challenges?" Members of the ACS feel a responsibility as scientists and citizens to help address global challenges facing society in the 21st Century to help sustain Earth and its people. This discussion focused primarily on the crisis of available water suitable for drinking, agriculture and industry. Following the presentation, more than 30 Councilors engaged in a discussion of this global challenge and others and offered numerous suggestions.

Resolution to Honor the Memory of Glenn T. Seaborg in the Centennial Year of His Birth

- At the request of the President of the ACS and on behalf of the Division of Nuclear Chemistry and Technology, Steve Yates presented the following resolution, which was passed by the Council, to honor the memory of Glenn T. Seaborg, Chemistry Nobel Laureate and past ACS President, in the centennial year of his birth.

Whereas Glenn Theodore Seaborg, Nobel Laureate in Chemistry, educator, co-discoverer of plutonium and nine other transuranium elements (including element 106, seaborgium), pioneer in nuclear medicine, scientific advisor to ten U.S. presidents, and avid hiker, was born in Ishpeming, Michigan on April 19, 1912;

Whereas Glenn T. Seaborg served on numerous federal and state commissions

and committees, notably as Chairman of the Atomic Energy Commission (1961-1971); was active in many international organizations for fostering the application of chemistry to world economic, social, and scientific needs; and was an advocate for better education in science and mathematics, having served with distinction as Professor and Chancellor at the University of California, Berkeley;

Whereas Glenn T. Seaborg held the office of President of the American Chemical Society during its centennial anniversary in 1976, was a member of the Board of Directors from 1975 to 1977, Councilor for more than 28 years, and a member or chair of several ACS bodies spanning his six decades of membership in the Society;

Therefore, be it resolved that the Council of the American Chemical Society, on the occasion of the centennial year of his birth, honors the memory of Glenn Theodore Seaborg, recognizes his many contributions to the advancement of the chemical sciences (and science in general) both in the United States and globally, and commends the story of his life as an inspiration to all.

Update on ACS vs. Leadscope Litigation

- As of this meeting, there was still no opinion announced by the Ohio Supreme Court on ACS's appeal in this case; however, an opinion was announced on September 18 and is included at the end of this report.

Actions of the Board of Directors

The Board's Committees and Working Groups

- On the recommendation of the Committee on Grants and Awards, the Board VOTED to approve Society nominations for the

Perkin Medal and the National Science Board Public Service Award. The Perkin Medal is the highest honor in American industrial chemistry, and the National Science Board Public Service Award honors individuals and groups that have made substantial contributions increasing public understanding of science and engineering in the US.

- On the recommendation of the Committee on Budget and Finance (B&F), the Board VOTED to approve an advance member registration fee of \$370 for national meetings held in 2013. The Board also considered program funding requests, and on the recommendation of B&F VOTED to reauthorize funding for inclusion in the 2013 proposed budget the *ACS Science Coaches* program and the *ACS Global Research Experiences, Exchanges, and Training Program (GREET)*.
- The Board of Directors considered two other recommendations from the Committee on Budget and Finance and VOTED that an in-depth review of the expectations for the financial goals for National Meetings be performed, and that a financial plan for the long-term viability of the *ACS Presentations on Demand* program (formerly known as Electronic Dissemination of Meeting Content) be developed and shared with B&F at its 2013 spring meeting.

The Executive Director/CEO Report

- The Executive Director/CEO and her direct reports updated the Board on the following: security threats faced by the Society's information technology systems and the measures in place to protect against them; a recommendation from the 2011 Financial Planning Conference that ACS identify additional revenue sources; and the activities of CAS (Chemical Abstracts Service), the ACS Publications Division, and the Society's General Counsel. As a follow-up to the Publications report, the

Board VOTED to approve several journal editor re-appointments.

Strategic Assessment of ACS Information Services Divisions

- As a result of the 2011 Financial Planning Conference, the ACS Board of Directors requested that the ACS Executive Director and Chief Executive Officer carry out a strategic assessment of the ACS Information Services Divisions. As a practical matter, these studies have been conducted approximately every three years to ensure that our information services divisions, CAS and ACS Publications are fulfilling ACS's strategic goals. The study affirmed the robust operating performance of CAS and ACS Publications, from both mission and financial viewpoints. It commended the increasing collaboration between the divisions and their global presence, and identified areas of synergy where additional opportunities for innovation and growth should be explored.

Presidential Symposia at Philadelphia

- ACS President Bassam Z. Shakhashiri hosted several well attended symposia under the presidential theme, "Advancing Chemistry and Communicating Chemistry": a plenary lecture on "Chemistry and Climate Change" delivered by Nobel Laureate Mario Molina; the 25th anniversary of National Chemistry Week; "Communicating Controversial Science" honoring Rudy Baum on the occasion of his retirement as Editor-in-Chief of C&EN; and "150 Years of Chemistry at Land Grant Institutions: The Past as a Prelude to the Future," honoring the sesquicentennial of the Morrill Land Grant Act.

Other Society Business

- The Board approved the appointment of Dr. Jerauld Skotnicki as the Coordinating Editor of ACS Presentations on Demand (ACSPD).
- The Board held a well-attended open session which featured a special forum titled "What are the 'real world' ethics issues faced by students and practitioners of chemistry?" Members attending this standing-room only session offered personal observations about ethical issues they have observed or been challenged by and possible options to address them.
- The ACS Leaderships Institute will be held in Dallas, Texas, January 25-27, 2013, for new committee, local section, and division chairs, and other volunteer governance members.
- In order to increase the available time for abstract submission for the ACS National Meetings, the Committee on Meetings and Expositions will be studying the feasibility of eliminating the print version on-site program books with a target of the 2013 fall national meeting in Indianapolis.
- The 25th anniversary of National Chemistry Week will be celebrated October 21-27 with the theme, "Nanotechnology – The Smallest BIG Idea in Science!" All local sections are encouraged to participate in NCW and plan an event that will recognize their coordinators.
- The 10th anniversary of Chemists Celebrate Earth Day will be celebrated in 2013. All local sections are encouraged to participate.

Statement on ACS v. Leadscope decision from the Supreme Court of Ohio from Dr. William F. Carroll, Jr., Chair, ACS Board of Directors, on its behalf (September 18, 2012)

The Supreme Court of Ohio today issued its decision in the case of ACS v. Leadscope, Inc., originally filed in 2002. It is a complex decision and ACS needs to carefully review and assess the decision over the next several days.

Based upon initial review, the ACS Board of Directors is gratified that the Court, in a 5-2 vote, found that ACS did not defame the defendants and vacated the lower court's award of damages on that issue, which constituted the majority of the damages award in this case.

As to the defendants' claim of unfair competition, the Court acknowledged ACS' First Amendment right to seek judicial review of its original claims. Although the Court also agreed with ACS' legal arguments that the trial court had improperly instructed the jury on that claim, the Court, in a 4-3 vote, affirmed the lower courts' decisions.

Today's ruling will not impact ACS member dues; ACS products, programs or services; ACS staffing levels; or the ability of ACS to achieve its mission.

ACS also appreciates and acknowledges the strong support it received from the Ohio Attorney General, the Ohio Chamber of Commerce, the Ohio State Bar Association, the Ohio Manufacturers' Association and the Ohio Council of Retail Merchants – all of which submitted briefs supporting ACS to the Supreme Court of Ohio.

To review the Supreme Court of Ohio decision click [here:](http://www.supremecourt.ohio.gov/rod/docs/pdf/0/2012/2012-ohio-4193.pdf)
<http://www.supremecourt.ohio.gov/rod/docs/pdf/0/2012/2012-ohio-4193.pdf>

To read a summary of the case prepared by the Supreme Court of Ohio's Office of Public Information, click [here:](http://www.courtnewsOhio.gov/cases/2012/SCO/0918/101335.asp)
<http://www.courtnewsOhio.gov/cases/2012/SCO/0918/101335.asp>

ADDITIONAL INFORMATION

The following is a list of URLs and email addresses presented on slides at the Council meeting.

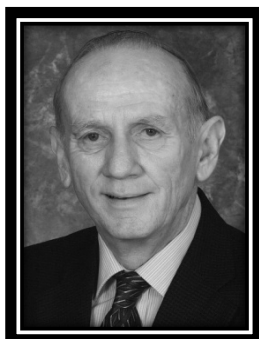
www.acs.org/ChemistryAmbassadors - Information on the Chemistry Ambassadors program

www.facebook.com/ChemistryAmbassadors - Chemistry Ambassadors group on Facebook
www.acs.org/getinvolved - Details regarding Innovative Project Grants through the Committee on Local Section Activities
www.acs.org/climatescience - Information on the ACS Climate Science Toolkit
outreach@acs.org – Contact email for more information on the Coins for Cleaner Water initiative
www.acs.org/bulletin5 - The ACS governing documents including certification information on unit bylaws
bylaws@acs.org – Contact email for submitting petitions and other questions regarding the governing documents
www.acs.org/ei - Information on the ACS Entrepreneurial Initiative
careers@acs.org – Email address for forwarding revisions on the Academic Professional Guidelines
www.acs.org/cpc - Information on the Council Policy Committee including the Councilor Handbook and Strategy Café Toolkit
www.acs.org/councilreports - Location for committee reports posted following the Council meeting

CALL FOR PAPERS

2013 Glenn T. Seaborg Award Symposium

Honoring Richard G. Haire



Oak Ridge National Laboratory Corporate Fellow Emeritus Richard G. Haire is the recipient of the 2013 Glenn T. Seaborg Award by the American Chemical Society. The Seaborg Award is considered one of the most prestigious recognitions in Nuclear Chemistry.

Haire spent the majority of his career performing fundamental research of the lanthanide and actinide elements through element 101. He led the ORNL Transuranium Chemistry Group and also served as an adjunct full professor at the University of Tennessee. He is a member of several scientific organizations, was elected as a Fellow of the AAAS, and has had a large number of scientific collaborations with national and international scientific groups. He has received numerous awards and is the author of approximately 400 research articles and reference book chapters. He presently is a consultant with the ORNL Radiochemical and Engineering Development Center.

Haire is known for his forefront, fundamental studies of the 4f and 5f electron elements, with many of the latter having been produced in the ORNL High Flux Isotope Reactor. He has developed numerous novel experimental techniques and emphasized the role of electronic configurations and systematic comparisons for exploring and understanding the chemistry and physics of these elements.

Examples of collaborative studies performed include determining the crystal structures of californium and einsteinium metals, measuring the enthalpies of vaporization of actinide metals from americium through fermium, and determining the high pressure, structural/electronic behaviors of the americium through californium metals.

The organizers are encouraging a large participation to honor Dick in the Award Symposium at the ACS Spring Meeting, April 7-11 in New Orleans. **The deadline for submitting an abstract is November 5th.**

For more information, contact Chuck Alexander (alexandercw@ornl.gov), John Gibson (jkgibson@lbl.gov), or Lætitia Delmau (delmaulh@ornl.gov)

We are looking forward to seeing you in New Orleans next spring.