



Division of Nuclear Chemistry and Technology
American Chemical Society

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

Chair, 2011
Program Chair, 2011
MICHAEL G. BRONIKOWSKI
Savannah River National Laboratory
Bldg. 773A
Aiken, SC 29808
Phone: (803) 725-1669
michael.bronikowski@srnl.doe.gov

Chair-Elect, 2011
Program Chair, 2012
KENNETH L. NASH
Washington State University
Chemistry Department
Pullman, WA 99164-4630
Phone: (509) 335-2654
knash@wsu.edu

Vice-Chair, 2011
Program Chair, 2013
ROBERT S. RUNDBERG
Los Alamos National Laboratory
P.O. Box 1663, MS-J514
Los Alamos, NM 87545
Phone: (505) 667-4785
rundberg@lanl.gov

Secretary, 2011-2013
W. FRANK KINARD
Dept. of Chemistry and Biochemistry
College of Charleston
Charleston, SC 29424
Phone: (843) 208-5587
kinardf@cofc.edu

Treasurer, 2011-2013
ALICE MURRAY
Savannah River National Laboratory
Aiken, SC 29808
Phone: (803) 208-3621
alice.murray@srnl.doe.gov

Councilor
STEVEN W. YATES, 2011-2013
yates@uky.edu

Alternate Councilor
DAWN A. SHAUGHNESSY, 2009-2011

Division Councilor Emeritus
ELLIOT S. PIERCE

Members-at-Large, Executive Committee
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DAVID MORISSEY, 2010-2012

NEWSLETTER

July 2011

Newsletter Editor: Lætitia Delmau
Email : delmaulh@ornl.gov

Topics

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FROM THE CHAIR – *Michael Bronikowski*

I can't believe it's midsummer and time to register for the fall ACS meeting already. For those still debating going to the 242nd national meeting in Denver (Aug.28th - Sept.1st) the division has four excellent symposia planned: Nuclear Chemistry in Space, Celebration of the 100th Anniversary of Marie Curie's Nobel Prize in Chemistry, Analytical Chemistry in Nuclear Technology, and Young Investigators Research in Nuclear and Radiochemistry. All are being held in the Colorado Convention Center either in room 403 or 404. The social is on Monday in room 402 after the business meeting. Finally, there will be a Marie Curie One-Woman dramatic presentation Tuesday from 6:00-7:30 pm also in room 402. We will have refreshments for the presentation thanks in part to the French consulate.

It has been a busy summer for the division. The ACS Nuclear and Radiochemistry Summer School grant is being written, after some discussion of how to have it administered since the ACS no longer accepts grants on behalf of divisions. Much thanks to David Robertson and the BNL and SJSU site directors for all their work on this. In late April, I received a memo on the 2012-2015 Councilor Representation from the Office of the Secretary and General Council. It was good news for the division as NUCL has gained a councilor due to our increased membership.

We will now have two representatives on council, which means we will need to plan for this in our 2012 election. If you're interested in the position send an email to Frank Kinard, our secretary, and Silvia Jurisson.

We just received thanks for our support for the 66th Northwest Regional Meeting (NORM 11) June 26th-29th. The division sponsored a half-day nuclear symposium at the regional ACS meeting. I even had a few calls on the Seaborg award this summer from the ACS. We may need to seek some sponsorship or outside funding soon.

On a positive note I would like to thank our membership for meeting the challenge I put forth at the last business meeting and in the April newsletter. The goal was adding 7 to our membership to get to 1000 division members. As of June the division has 1009 members!

Hope to see you in Denver,

Mike 2011 Chair, NUCL

ACS FALL MEETING

The 2011 Fall program has the theme
"Chemistry of Air, Space, and Water"
Denver, CO August 28-Sept. 1, 2011

Nuclear Chemistry in Space

Organizer (Stephen Johnson)

Celebration of the 100th Anniversary of Marie Curie's Nobel Prize in Chemistry.

Co-sponsored with WCC, PROF, and INOR. Organizers (Marsha Lambregts, Janet Bryant, Dawn Shaughnessy, Darleane Hoffman.)

Marie Curie One - Woman Dramatic Presentation

Room 402 - Colorado Convention Center
6:00- 7:30 pm Tuesday Aug. 30th.

Young Investigators Research in Nuclear and Radiochemistry

Organizers (Brian Powell, Ken Czerwinski, and Nathalie Wall)

Analytical Chemistry in Nuclear Technology

Co-Sponsored with ANYL
Organizers (Chuck Coleman, David Hobbs, David Hobart.

UPCOMING PROGRAMMING

Spring 2012 – San Diego – Chemistry of Life

- Seaborg Award Symposium
- A Tribute to an Extraordinary Alchemist Albert Ghiorso 1915-2010 (organizers: Dave Hobart, Dawn Shaughnessy, Darleane Hoffman)
- A Career in Actinide Science: Tribute to Lester Morss (Organizers: Al Sattelberger, Dave Clark, David Shuh)
- Nuclear Medicine (Organizers: Paul Benny, Lynn Francesconi)
- Colloid Facilitated Actinide Migration (Organizers: Jon Schwantes, Peter Santschi, Andy Felmy)
- EM Waste Forms (Organizers: David Hobbs, et al) – cosponsored with I&EC/SS&T (primary)

Fall 2012 – Philadelphia – Materials for Health and Medicine

- Celebrating the 100th Anniversary of the Birth of Glenn T. Seaborg and Charles Coryell (Organizers: Walter Loveland et al. – others welcome)
- Young Investigators in Nuclear Science (Organizers: Nathalie Wall, Justin Walensky)
- Thermodynamics and Kinetics: The Basic Science of Separations (Organizers: Leigh Martin, Peter Zalupski) – cosponsored with I&EC/SS&T (primary)
- Accelerating DOE Site Cleanup (Organizers: Gregg J. Lumetta et al.) – co-sponsored with I&EC/SS&T (primary)

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

- Seaborg Award Symposium
- Analytical Chemistry in Nuclear Technology (Organizers: Charles Coleman, Dave Hobart et al.)
- Nuclear Forensics (Organizers: Glenn Fugate et al.) – (NUCL primary – co-sponsored with I&EC/SS&T)

Fall 2013 – Indianapolis – Chemistry in Motion (transportation)

- open

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)

Fall 2014 – San Francisco – Chemistry on a Crowded Planet

- Open

SUMMER SCHOOL

From Paul Mantica:

The 2011 ACS Nuclear and Radiochemistry Summer Schools are underway. Twelve students were selected to participate at each of the two site locations, as identified in the previous newsletter.

Prof. Herb Silber is Site Director at San Jose State University. The 2011 lecture lineup included Paul Benny (Washington State U.), Dale Ensor (Tennessee Tech. U.), Heino Nitsche (UC Berkely/LBL), Trish Baisden (LLNL), and Frank Kinard (College of Charleston).

<http://kinardf.people.cofc.edu/NuclearSummerSchool/2011NSSHomepage.htm>

Dr. Louis Pena is the new Site Director at Brookhaven National Laboratory. The 2011 lecturer lineup included Cody Folden (Texas A&M U.), Dave Robertson (U. Missouri), Paul Mantica (Michigan State U.), Romualdo DeSouza (Indiana U.), and Ken Czerwinski (U. Nevada - Las Vegas). The BNL program is available for viewing at:

<http://www.bnl.gov/ncss>

Renewal Grant:

Dave Robertson is preparing the next 5-year renewal grant for the Summer Schools, which will be due in August 2011.

Any questions regarding the Summer School program should be directed to

Paul Mantica

National Director, ACS Nuclear and Radiochemistry Summer Schools

Michigan State University

East Lansing, MI 48824

Phone 517-333-6456 FAX 517-353-5967

email mantica@msu.edu

SURVEY. *Frank Kinard*

The NAS is doing a survey on the manpower needs in nuclear chemistry. A number of our members are on the study group. Please consider taking a couple of minutes to complete the survey found at the following address:

<http://www.surveygizmo.com/s/587518/acs-nuclear-chemistry-and-technology>

ELECTIONS

NUCL needs you! If you are interested in serving as a Councilor, Alternate Councilor, Member-at-Large, and (eventually) Chair, please let Silvia Jurisson know as soon as possible. JurissonS@missouri.edu

