

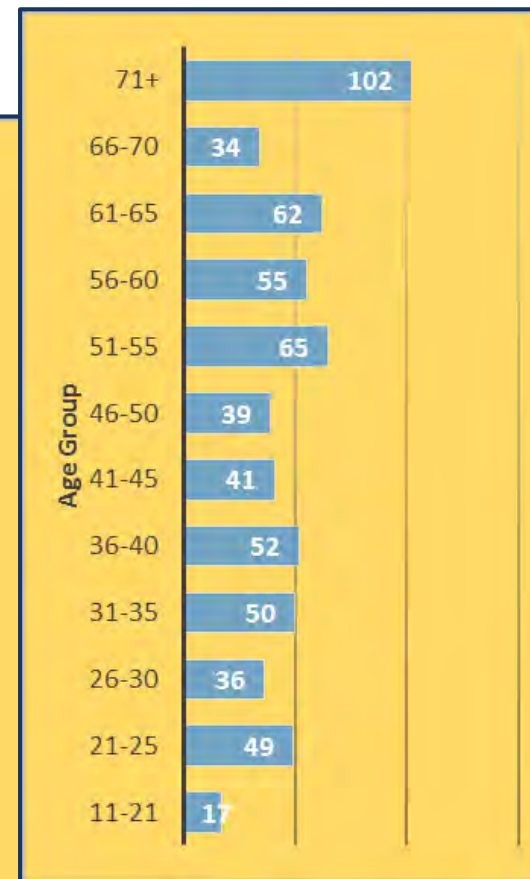
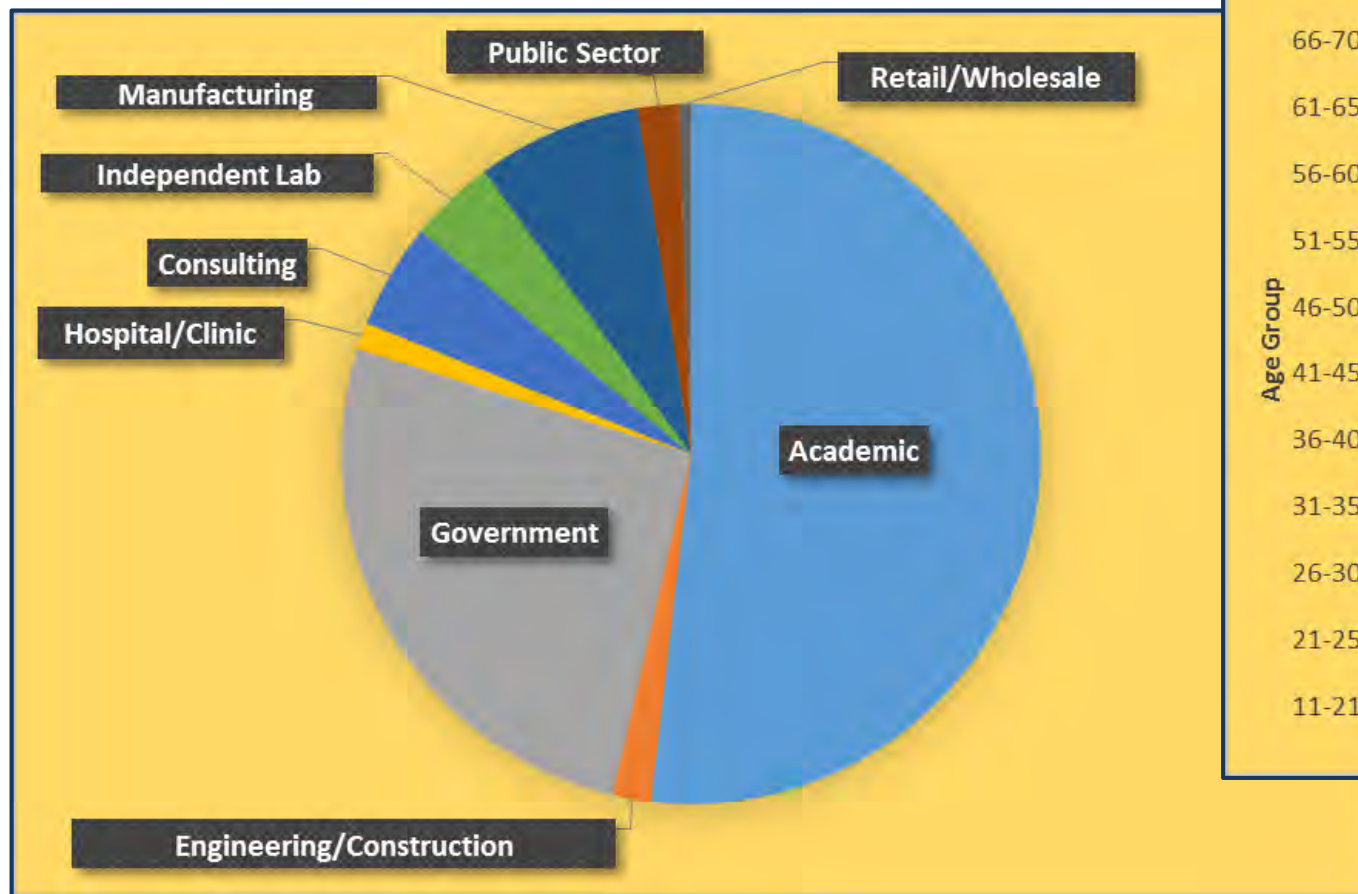
NUCL Division Strategic Plan

Paul Mantica

Immediate Past Chair

mantica@frib.msu.edu

NUCL Demographics



Strategic Plan 2008-2010

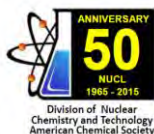


- First NUCL Strategic Plan exercise was completed in 2008
- Organized by Heino Nitsche
- One-day planning session held before the ACS National Meeting in Boston, August 18, 2007
 - 11 volunteer participants
 - ACS co-facilitators
- Three goals defined and elaborated

Goal 1: Provide a platform for career mentoring, networking, professional advancement, and leadership opportunities for young nuclear chemists

Goal 2: Develop and facilitate events and communication tools that significantly increase collaborative and networking opportunities across diverse specialties and demographics, so as to build a real and virtual community

Goal 3: Enhance nuclear chemistry outreach, which will create a prominent presence at local, regional, national, and global events, by providing timely and accurate information and by emphasizing the important of nuclear chemistry in all aspects of society



Division of Nuclear Chemistry and Technology
American Chemical Society

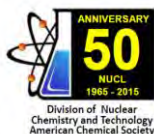
www.nucl-acs.org

Updating the Strategic Plan



- NUCL Executive Committee recommended updating the Division's Strategic Plan during the ACS National Meeting in Indianapolis in September 2013
- A timeline for developing the updated plan was established during an Executive Committee Teleconference in January 2014

Date	Venue	Activity
April 2014	ACS National Meeting in Dallas – Executive Committee Meeting	Review mission vision and goals from last strategic plan Draft goals for next updated plan Establish goal teams
April 2014	ACS National Meeting in Dallas – Business Meeting	Vet draft goals Recruit goal team members
April 2014	NUCL Newsletter/Website	Communicate mission and vision statements
Summer 2014		Goal teams draft activities to achieve goals
August 2014	ACS National Meeting in San Francisco – Reconciliation Meeting	Review goals and draft activities Devise timeline for activities Set completion criteria for goals
October 2014	NUCL Newsletter/Website	Publish and communicate draft plan
December 2014	Executive Committee Meeting Teleconference	Adopt NUCL Strategic Plan 2015-2020



Goal Teams



Goal 1: Education and Workforce Development

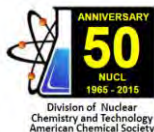
Graham Peaslee (co-lead), Alice Murray (co-lead), Jenifer Braley, Krista Meierbachtol, Dave Robertson, Tom Wall, Sherry Yennello

Goal 2: Award, Recognition and Membership

Dave Hobart (lead), John Auxier, Paul Mantica, Dawn Shaughnessy, Chris Whiting

Goal 3: Expertise and Communication

Luther McDonald (lead), Paul Benny, Annie Kersting, Andrew Klose, Chris Klug, Zach Kohley, Suzy Lapi, Donivan Porterfield, Nathalie Wall



Division of Nuclear Chemistry and Technology
American Chemical Society

www.nucl-acs.org

Goal Team Assignment

- Identify a set of strategies in the short (1-3 year), and mid-term (3-5 years) to attain each Goal that supports the Mission and Vision of the Division.
- Each strategy needs to be SMART: specific, measurable, achievable, realistic, and timely
 - What activities will be done as part of the strategy
 - What input(s) are needed for each activities
 - What output(s) are expected for each activity
 - What will be the overall outcome of the strategy, and how will it impact the goal, mission, and vision?
- Successful strategies will include activities that balance resource need (inputs) and impact.
- Each Goal Team should aim for 3-5 strategies, with 1-3 activities per strategy

NUCL Mission and Vision

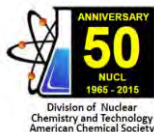


Mission

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.



Division of Nuclear Chemistry and Technology
American Chemical Society

www.nucl-acs.org

NUCL Goals



Goal 1: Education and Workforce Development

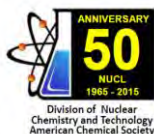
Develop the next generation of nuclear chemists and radiochemists to meet national workforce needs in both basic and applied nuclear science and related technologies, with focus on education, hands-on training, and mentoring of young scientists (e.g., undergraduates, graduate students, and young professionals).

Goal 2: Award, 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.



Division of Nuclear Chemistry and Technology
American Chemical Society

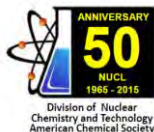
www.nucl-acs.org

Goal 1 Strategy and Activities



Goal 1: Education and Workforce Development

- Advancing Divisional Advocacy
 - Continued Advocacy for the Nuclear and Radiochemistry Summer Schools
 - Advocate for National Laboratory policy changes
 - Advocacy for educational initiatives within the smaller ACS divisions
- Increasing Divisional Networking and Communication
 - Maintain an active center of undergraduate research opportunities in nuclear science
 - Maintain an active center of graduate research opportunities in nuclear science
 - Develop networking activities to engage and track students exposed to nuclear science
- Augmenting Cross-Disciplinary Programming
 - Increase international cross-disciplinary programming at ACS meetings with NUCL
 - Explore the possibility to bring other small conferences into the ACS national or regional meeting system
 - 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



Division of Nuclear Chemistry and Technology
American Chemical Society

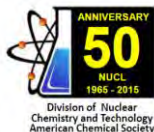
www.nucl-acs.org

Goal 2 Strategy and Activities



Goal 2: Award, Recognition and Membership

- Sustaining the Seaborg Award
 - Empower Division Awards Nominations Committee to solicit and facilitate nominations for the Glenn T. Seaborg Award for Nuclear Chemistry
 - Maintain a roster of Seaborg Award nominees
 - Ensure nominations for the Seaborg Award meet ACS requirements
 - Identify source of funds sufficient to sustain the Seaborg Award
- Retaining Members
 - Announce new members in NUCL Newsletter
 - Assign a mentor to new members
 - Provide annual anniversary gift to new members
 - Announce member anniversaries
 - Produce a Features/Advantages/Benefits (FAB) document for NUCL membership
 - Establish a “What are you working on?” section of the NUCL Newsletter
 - Nominate members for relevant awards
- Growing the Membership
 - Recruitment at professional meetings
 - Provide NUCL divisional highlights for inclusion in ACS Corporate blanket email sends
 - Continue to encourage new student members to join the division

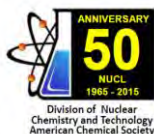


Goal 3 Strategy and Activities



Goal 3: Expertise and Communication

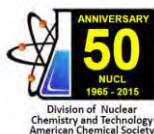
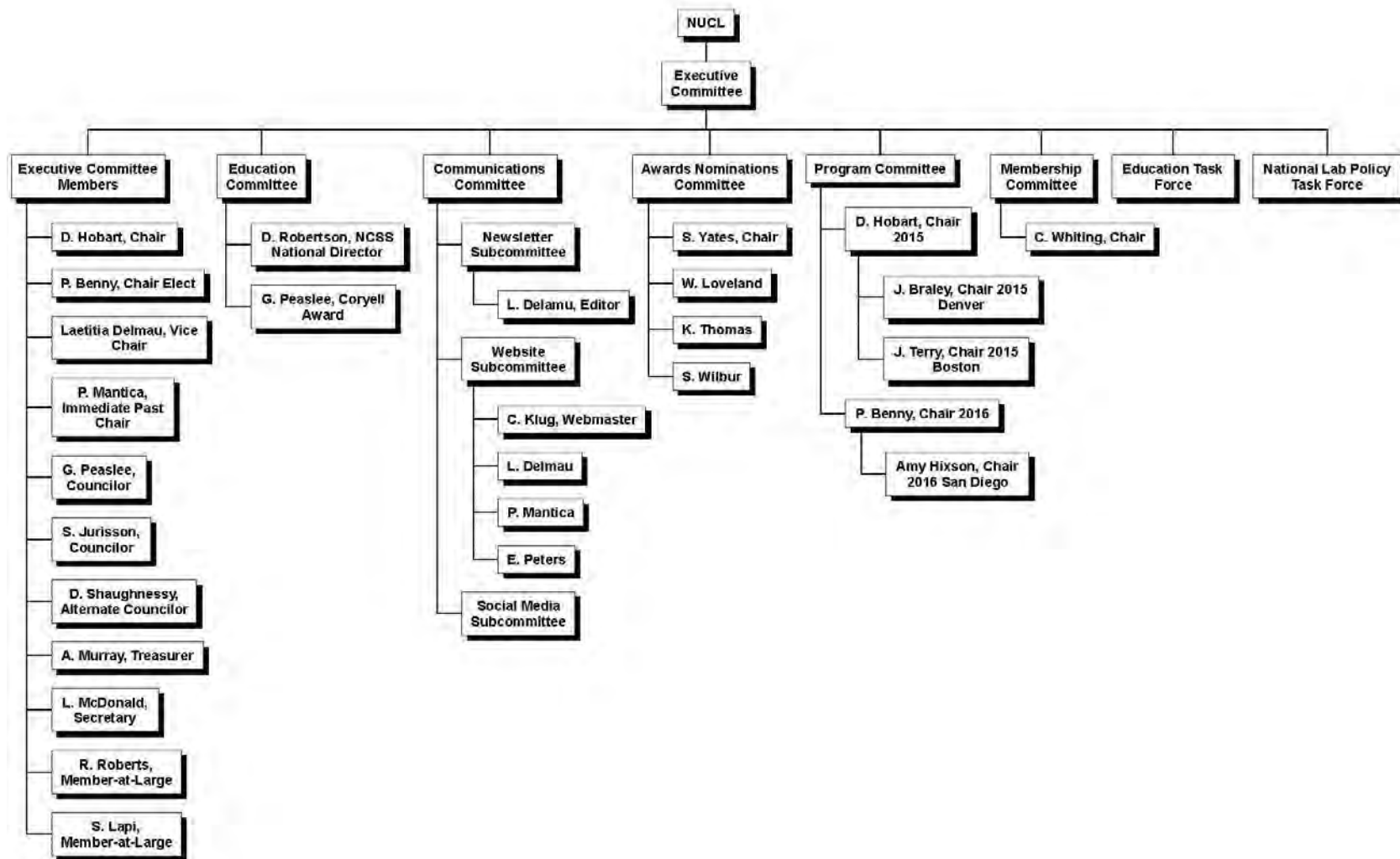
- Increase Outreach Efforts
 - Use Innovative Project Grants to purchase outreach kit
 - Develop a collection of graphics/presentations
- Facilitate and Enhance Visibility of Nuclear and Radiochemistry Research
 - Develop articles for the Journal of Chemical Education and similar audiences at a rate of one article per National Meeting
 - Develop electronic pamphlets providing short summaries on general topics in nuclear and radiochemistry that are targeted at high school, undergraduate, and general public audiences
- Provide Outreach to the General Public Improving Communication with Policy Makers
 - Promote opportunities for members to provide public input into US Federal Government decision making through regulations.gov. Also, publicize when US Federal Government hearings of interest are available in streaming format
- Develop Outreach to Engage Young Scientists via Social Media
 - Regular on-line postings on social media
 - Establish NUCL group on ACS network to make resources available and facilitate member discussions and involvement beyond the NUCL division
- Define Roles and Responsibilities for Officers
 - Each officer maintains a living document on their roles and activities



Division of Nuclear Chemistry and Technology
American Chemical Society

www.nucl-acs.org

NUCL Organizational Chart



Division of Nuclear Chemistry and Technology
American Chemical Society

www.nucl-accs.org

Next Steps

- Recruit
 - Establish membership for new NUCL ad-hoc committees
 - Engage NUCL members in Strategic Plan activities
- Take Action
 - Execute the plan
- Monitor
 - Actively track plan execution
 - Make adjustments to plan as needed
- Assess
 - Understand the impact of each activity
 - Reward and recognize successes
 - Communicate outcomes