



ACS Division of
Professional Relations

Web site: www.acsprof.org

BULLETIN

Issue #98 May 2014
Lisa M. Balbes, Editor
lisa@balbes.com



Chair's Comment

Joe Stoner <joestoner@bellsouth.net>

It is important that we have a good sense of who we are. I discussed this concept in a newsletter article last year, and I suggested that we say this when we talk to our colleagues about the Division of Professional Relations:

Division of Professional Relations, unlike other divisions most of whom are organized around a discipline of chemistry, focuses on the interest of the individual chemist. We organize programming in such areas as job opportunities, diversity, ethics, job training, and responsible conduct of research.

Working with the ACS Committees that we relate to is immensely important to us. These committees include Committee on Economic & Professional Affairs, Women's Chemists, Chemists with Disabilities, Minority Affairs, Senior Chemists, and Ethics. It is important that we share with them a consistent message when we talk with members of those committees:

These ACS Committees should consider DPR and its affiliated Subdivisions as the general membership arm of their committees. Committees have members assigned to them by CONC, but any member of ACS can join DPR and its Subdivisions. These committees should consider us as their programming arm. Certainly the committees can sponsor programming, and we have no pride of ownership in who is the primary sponsor, but we want to be at least included as a cosponsor in their symposia. We have a great Program Chair who can be a tremendous asset to help them with their programming. We have funding to support their programs that is not included in their budgets. We have active Subdivisions that can be a source of prospects for membership on their committees. We have an awards structure and an

awards reception that is designed to honor activists in their committees.

Please remember these themes and share them with members of the committees as you relate to them in your day to day ACS affairs.



Call for Nominations for Henry Hill and Lou Sacco Awards

E. Ann Nalley

The American Chemical Society Division of Professional Relations

is accepting nominations for the 2014 Henry A. Hill Award and the 2014 Lou Sacco Award.

The Henry Hill award recognizes people who have served the profession in a unique and distinguished manner. The Lou Sacco Award recognizes people who have given outstanding contributions and/or service to the Division of Professional Relations.

In order to be eligible to receive either award, the awardee must be a member of ACS or PROF.

To nominate someone for either award, send a nominating letter detailing the nominee's qualifications and a seconding letter to E. Ann Nalley <annn@cameron.edu> Nominations are due on or before June 15, 2014. The awards will be presented at the fall national meeting in San Francisco - see page 3 for details.



Immediate Past Chair

Keith Vitense

Spring is finally in the air – at least in Oklahoma! For those of us in academia, this also marks the unofficial start of the student stress season, as many of our students are looking towards graduation and asking “What’s next?”

If you know of someone (not just a graduating senior) asking that question, you might recommend membership in our division. I believe that it is a good place for those that are just starting out to interact with some very seasoned professionals. And I believe that it is a place for some very seasoned (and possibly jaded) professionals to rekindle the excitement of their career. Enthusiasm is contagious, and I continually find it refreshing to help those soon-to-be chemical professionals with the little bit of wisdom that I have gained over the years.

There were many exciting events in Dallas which are discussed elsewhere in this newsletter, and we have some good symposia lined up for San Francisco. I would encourage you to take advantage of the various symposia at the San Francisco if you are in attendance. The PROF Executive Committee is working extremely hard to ensure quality programming and social events for all of us, and I believe that it will be a very good meeting. Also, remember that the General Meeting for ALL members of PROF will be held in San Francisco on Tuesday afternoon. Please make plans to attend this very important annual meeting for all Division members.

The Executive Committee is looking for members to fill positions that will become vacant at the end of the year. Our election will be in the fall, and there are a number of positions to be filled. If you are interested in running, please let me know. Positions to be filled include Chair-Elect, Treasurer, Councilor, Alternate Councilor, and leadership positions within the subdivisions. For more information about subdivision leadership positions please contact the Chair of the respective subdivision(s).

The Division is only as strong as its membership. We have been blessed with some very good folks in leadership positions, and I’m certain that we will continue to be, because YOU are willing to do your part! But the Division is a MEMBERSHIP division, with guidance from the leadership, so whatever you can do to help the Division is appreciated. Whether it is serving as an officer, participating in symposia, serving as a contact for potential members, or any of the myriad of things both large and small that lead to the success of the division, it is your membership that makes us stronger. Please consider a leadership position, but more importantly please participate in OUR Division!

Young Chemists Subdivision Update

By Adam C. Myers, Ph.D.

At the Dallas meeting, the Young Chemists subdivision coordinated with the undergraduate programming office to offer a networking program. The program, organized by Dr. Benny Chan featured multiple panelists, including those from the PROF Executive Committee (Joe Stoner, Dr. Pete Smith, Dr. Sue Schelbe, and Dr. Adam Myers), as well as one of the key members of the Young Chemists Committee (Dr. Taina Matos). We look to continue this at upcoming meetings, so if you are interested in contributing to this, please contact either Benny or Adam. We also partnered with the YCC for a session titled “Career pathways in the Environmental Sciences”, organized by Wasiu Lawal.

The subdivision again cosponsored a Guerilla Bar with the YCC. Check out the YCC Facebook page for photos of the event.

The next big programming push for the Young Chemists subdivision will take place at the Denver meeting, where we look to once again offer the popular “Getting Your First Industrial Job” session. If you are interested in participating in this session (you don’t have to be a subdivision member), please let contact Adam (amyers@BASInc.com or docamadeus@gmail.com). The session will include talks from each speaker and an interactive panel discussion with the audience.

We are currently soliciting nominations for Chair-Elect of the subdivision. Please submit a nomination (you can self-nominate). Also, we are soliciting suggestions for subdivision programming, so please submit those

as well. For either opportunity, please contact Adam (amyers@BASInc.com or docamadeus@gmail.com).

See you in San Francisco!

PROF Henry Hill Reception at Fall National Meeting

Please make plans to attend the Henry Hill Reception in San Francisco. The reception will be held on Tuesday, August 12 from 5:00 - 7:00 PM. The Henry Hill Award and the Lou Sacco Award will be awarded at this reception. We have asked for a spectacular venue for this reception, and we will advise you of the place when it is assigned by ACS. We are honored to be joined in sponsoring the reception by the Small Chemical Business Division. It is always a great time to network with your PROF associates as well.

PROF Co-Sponsors ACS President's LGBT Reception at Fall National Meeting

In San Francisco, PROF and the ACS Office of the President will host a reception for LGBT chemists and allies attending the ACS National Meeting. Please stop into the reception following the Division's Henry Hill Award Presentation (the activities will be located near each other.) The reception will be held on Tuesday, August 12, 6:00 – 7:30 PM. Please see the Meeting Program for final location information. Contact Chris Bannochie (cj.bannochie@srnl.doe.gov) with any questions.

The Chemical Angel Network – Investing in Chemical Innovation

by Mark Vreeke, Sid White, Judy Giordan

It's all about the JOBS. How often do we hear that phrase with respect to chemists? One organization is doing something tangible for chemists and chemistry-related companies, and partnering with PROF to further its efforts

Over 300 angel investor groups in North America alone are listed by the Angel Resource Institute, a nonprofit information clearinghouse for early-stage investing. However in 2012 when it was founded, there was only one - the Chemical Angel Network (CAN) - that specializes in providing seed capital for chemistry-

related companies (C&EN, October 22, 2012, pages 28-29). CAN provides a unique mechanism for accredited angel investors to: source and vet quality early-stage investment opportunities; assist entrepreneurs and early-stage growth companies; and be a quality source for information, educational resources and advisors.

Chemical start-ups need infrastructure (e.g., lab space, scientific instrumentation), as well as time to do experiments and refine their products. Chemists, however, are uniquely positioned to understand both the science of a chemistry-related start-up and the financial challenges it faces. Mark Vreeke, who has a Ph.D. in chemistry and is one of the co-founders of CAN notes, "We (CAN) are able to offer help on both the technical and business sides, as well as provide connections to the rest of the chemical industry."

CAN has set up a website (www.chemicalangels.com) where entrepreneurs can submit business plans and request funding. CAN members – who are all Accredited Investors as defined by Rule 501 of the SEC Regulations - meet in virtual space, as well as at both ACS National Meetings each year to discuss potential transactions. A key aim for these investments is economic development across all markets associated with the Chemical Enterprise – one of the country's largest contributors to job growth and Gross Domestic Product (GDP) – by helping emerging companies grow to profitability and/or grow to Venture Capital-scale investments. CAN measures its success by the quality of the deal flow, the amount of dollars invested, number of companies funded, and obviously return on investment (ROI) for its members. CAN is seeking:

- GREAT potential deals involving CHEMISTRY!
- Interested companies as SPONSORS!
- KNOWLEDGEABLE and DEDICATED chemical enterprise professionals who are, or can become, CHEMICAL ANGELS!

CAN is pleased to partner with PROF to expand its presence and potential impact for ACS members. At the Fall 2014 National Meeting in San Francisco, PROF is hosting a symposium, co-sponsored by the Division of Small Chemical Businesses (SCHB), entitled "Chemical Angel Network: Chemists Investing in Chemical Companies". The session will take place on Tuesday, August 12, 2014 starting at 1:30 pm. Please visit chemicalangels.com for more information.

Chemical Innovation and Entrepreneurship Council (CIEC) – ACS Support for Business-Minded Chemists

by Janet Bryant (janetlbryant@pnnl.gov)

In any organization, large or small, new programs instituted by management – i.e., “top-down” programs – require the support and implementation by the workforce for their long-term success. The ACS’s Entrepreneurial Initiative is one such program. Piloted in 2012, the ACS’s Entrepreneurial Initiative continues to carry out its mission: to respond to the recommendations of the ACS Presidential Task Force on Innovation in the Chemical Enterprise report—“Innovation, Chemistry, and Jobs”— and provide entrepreneurs with resources “that should foster the creation of small companies from start-ups”. See (C&EN, July 30, 2012, page 57) and (C&EN, March 31, 2014, pages 41 -43).

In addition, and perhaps more immediately visible to Division members, is the ongoing work by the “bottoms-up” of the ACS as an organization. For years, Technical Divisions and national Committees have, as part of their charters and goals, hosted programming, events and training directed at the business side of chemistry. In 2012, the ACS Chemical Innovation & Entrepreneurship Council (CIEC) was formally created to be the grassroots coalition of ACS organizations advocating for business development and innovation in the chemical enterprise.

Members of CIEC include Divisions, Committees and aligned partners and include the: Divisions of Business Development & Management (BMGT), Small Chemical Businesses (SCHB) and Professional Relations (PROF); Committees of Economic and Professional Affairs (CEPA) and the Women Chemists Committee (WCC); and allied partners, the Chemical Angel Network (CAN) and the National Collegiate Inventors and Innovators Alliance (NCIIA). In addition to PROF’s recent decision to participate in CIEC, both the Membership Affairs Committee (MAC) and the Younger Chemists Committee (YCC) have also expressed interest in receiving updates and information on CIEC’s activities and programs.

Representatives from CIEC Member organizations teleconference monthly to share information about activities, programming, and issues of interest. A key activity of CIEC is information exchange to assist

with coordination of schedules, topical symposia and training opportunities. In its 3 year existence, CIEC has:

- produced and disseminated “roadmaps” of symposia and events of interest to business-minded chemists for each of the national ACS meetings, to assist with scheduling and publicity;

- supported programming and events (aka a “Business Track” in parallel to traditional technical tracks of programming) at Regional Meetings;

- leveraged social media (notably Facebook, Twitter, the ACS Network, and LinkedIn) to share information about offerings in real time, and to reach ACS members who may not be able to attend national meetings.

In this way, CIEC is helping to support the goals of the ACS’s Entrepreneurial Initiative, support its offerings, and expand its reach to ACS members. For more information, contact Janet Bryant, CIEC Chair at janetlbryant@pnnl.gov.

Division of Professional Relations National Meeting Programming for San Francisco, CA August 10-13, 2014

Dan Libby, Program Chair

Sunday, August 10, 2014 PM Session

Asian-American Women Chemists: Career Experiences

L. M. Watkins, Organizer

G. A. Thomas, Presiding

1:00 PM Introductory Remarks.

1:10 PM Sheila Kanodia: Laboratories and Scientific Services Directorate (LSSD), Department of Homeland Security. S. Kanodia

1:20 PM Joy Wu: Pinnacle Materials Laboratory. J. Wu

1:30 PM Sanda Sun: Irvine Valley College. S. Sun

1:40 PM Yaya Zhu: Chevron Energy Technology Company. Y. Zhu

1:50 PM Panel Discussion.

2:50 PM Intermission.

3:05 PM Questions and Answers.

4:05 PM Concluding Remarks.

MONDAY MORNING

Monday, August 11, 2014 AM Session

Celebrating 40 years of ACS Public Policy Fellowships: When Chemists Go to Washington

K. M. Kulinowski, C. Trupp Gil, Organizers
C. Trupp Gil, Presiding
9:00 AM Introduction to 40th Anniversary of
the ACS Science Policy Fellowship Program. K. M.
Kulinowski
9:10 AM Capitol Hill secrets publically disclosed.
L. W. Watts
9:35 AM Before DNA was a household word: My
journey from bioscience to biopolicy. I. B. Glowinski
10:00 AM Considering the EU's impact on the
chemical industry at its inception: Looking back on a
Science Policy Fellowship. A. M. Boccanfuso
10:25 AM Black Hawk helicopters, militia groups,
research and writing: My year as an ACS Public Policy
Fellow. V. L. McDevitt
10:50 AM Public Policy Fellowships: An unusual
postdoc. J. Hunt
11:15 AM Return to the Ivory Tower. L. E. Pence
11:40 AM How to apply for an ACS Public Policy
Fellowship. C. M. Trupp Gil

Innovation from International Collaborations Session 1
Sponsored by IAC, Cosponsored by BMGT, PROF, and
SCC

MONDAY AFTERNOON

Monday, August 11, 2014 PM Session

Workplace Issues Facing the LGBT Chemistry
Community
M. Wedlock, Organizer, Presiding
1:30 PM LGBTQ in ACS and the workplace:
Status report. B. Belmont
1:50 PM Workplace Issues Facing the LGBTQ
Chemistry Community. M. Wedlock
2:50 PM Discussion.

Innovation from International Collaborations,
Session 2
Sponsored by IAC, Cosponsored by BMGT, PROF, and
SCC

Supporting and Facilitating Students and Workers with
Disabilities in the Research and Teaching Laboratory
Sponsored by CHAS
Cosponsored by CCS, CWD, and PROF

TUESDAY MORNING

Tuesday, August 12, 2014 AM Session

What does the Affordable Care Act (Obamacare) mean
for chemists and the chemical industry?

R. Libby, Organizer
J. Sabol, Organizer, Presiding
9:30 AM Introductory Remarks.
9:35 AM Panel Discussion.
11:35 AM Concluding Remarks.

Women Leaders of the Global Chemistry Enterprise
Sponsored by WCC, Cosponsored by HIST, IAC,
PRES, and PROF

TUESDAY AFTERNOON

Tuesday, August 12, 2014 PM

Chemical Angel Network: Chemists Investing in
Chemical Companies
M. Vreeke, Organizer
S. White, Organizer, Presiding
1:30 PM Introductory Remarks.
1:35 PM Introduction to the Chemical Angel
Network and angel investing. M. Vreeke, J. Giordan, S.
White
2:00 PM Company Presentations.
3:00 PM Investment Discussion.
3:30 PM Open forum.
4:00 PM Concluding Remarks.

Women Leaders of the Global Chemistry Enterprise
Sponsored by WCC, Cosponsored by HIST, IAC,
PRES, and PROF

WEDNESDAY MORNING

Wednesday, August 13, 2014 AM Session

I was over 50 and I got a job
R. Libby, Organizer S. Fahrenholtz, Organizer,
Presiding
9:00 AM Introductory Remarks.
9:05 AM I Was Over 50 When I Got My Job. S.
H. Stabley
9:25 AM I am over age 50. Can I get a job? J. W.
Tilley
9:45 AM It has taken thirty years starting at sixty.
E. Meyer
10:05 AM Do good works and get paid for it. N.
Fotouhi
10:25 AM Landing a job when you are over 50. D.
Truss
10:45 AM A second career as a teacher. S. R.

Fahrenholz

11:05 AM Concluding Remarks.

Council Report from 247th ACS National Meeting

Dan Libby

Election Results

President-Elect Candidates for 2015: the committee on Nominations and elections (N&E) presented candidates: Peter K. Dorhout, William A. Lester, Jr., Christopher K. Ober, and Henry F. Schaefer III. By electronic ballot, the Council selected Peter K. Dorhout and William A. Lester, Jr. They will join any candidates selected via petitions on the Fall National Election ballot.

District Director Candidates: N&E announced the results of the election to select candidates for Directors from District III and District VI on the Board of Directors for the term 2015-2017. By mail ballot, the Councilors from these districts selected Pat N. Confalone and Anne S. DeMasi as District III candidates; and Paul W. Jagodzinski and Lee H. Latimer as District VI candidates. Ballots will be mailed on or before October 10, 2014 to all ACS members in District III and District VI for election of a Director from each District.

Directors-at-Large Candidates: N&E announced the selection of Dawn A. Brooks, William F. Carroll, Jr., Barbara A. Sawrey, and Ellen B. Stechel as candidates for Directors-at-Large for a 2015-2017 term. Ballots will be mailed to the Council on or before October 10, 2014 to select Two Directors-at-Large from these candidates and any selected via petition will be conducted in the fall.

2015 Member Dues

The Council VOTED to set the member dues for 2015 at the fully escalated rate of \$158. This rate was based on an inflation-adjustment formula in the ACS Constitution and Bylaws.

Divisional Allotment Formula

The Council VOTED to approve a revised formula for allocating dues funds to divisions, but delayed implementation for a year. The formula will be effective for allocations for 2015.

HIGHLIGHTS OF COMMITTEE ORAL REPORT

Budget and Finance (B&F)

In 2013, ACS generated a Net from Operations of \$15.1 million, an increase of \$2.0 million. Total revenue was \$490.5 million, which was \$8.8 million (or 1.8%) lower than budget, and essentially flat when compared with 2012. Unrestricted Net Assets rebounded in 2013, rising to \$207 million, and more than doubling from the 2012 level.

Education (SOCED)

SOCED approved a pilot program to form ACS International Student Chapters.

Economic and Professional Affairs (CEPA)

Findings from the ACS 2013 New Graduate Survey: overall unemployment among new graduates rose from 12.6% in 2012 to 14.9% in 2013. This is primarily due to the high unemployment among recent Bachelors degree chemists.

Local Section Activities (LSAC)

LSAC will initiate the process to dissolve the Ocean County (New Jersey) Section as a result of the group's failure to meet the criteria to remain an active section.

Chemists with Disabilities (CWD)

The committee has updated and digitized its publication "Teaching Chemistry to Students with Disabilities." It will be available in April 2014 and linked to the CWD website.

The Executive Director/CEO Report

Announced the launch of American Association of Chemistry Teachers, which will support K-12 teachers of chemistry by providing them with a professional home.

Other Board Actions

Expressed its gratitude and thanks to Madeleine Jacobs, Executive Director and Chief Executive Officer, who on March 6 announced her plan to retire at the end of the year. The Board then began a discussion of the process and logistics of identifying and hiring her successor.

PROF Reception at Spring 2013 Meeting

PROF hosted a reception at the Iron Cactus, a unique Mexican grill and margarita bar on Monday, March 17 during the Spring National Meeting. The Iron Cactus

is located in the Main Street District in the midst of the meeting hotels. The reception was well attended, filling the assigned room and spilling over into the adjacent restaurant spaces. Joining us in hosting the reception were the Division of Small Chemical Businesses (SCHB) and the Division of Chemical Health & Safety (CHAS). SCHB and CHAS are two divisions who like PROF are organized around themes other than a discipline of chemistry. This reception gave members of PROF a chance to share fellowship together at the Dallas meeting. It also gave us the opportunity to raise PROF's visibility with SCHB and CHAS members and other guests.



PROF Wins Innovative Program Grant

PROF has been awarded \$7500 to develop audio and/or video scenarios of our Ethics Case studies, to be used for ethics training/workshops using clicker response systems. These will be approximately 5-8 minutes in length and will be designed for easy adaptation to changing times, by design and use of modern interactive web technology. These funds will be used to pay for filming of one video for ethics education. Upon completion of the prototype, an NSF grant proposal will be written to expand the number of items available for use by all members of ACS.

Highlights from the Executive Committee Meeting

March 18, 2014 Dallas, TX

Diana Kneeland was approved to be liaison to CEPA. Dan Libby will fill Diane Schmidt's term as councilor. Michael Wedlock will fill Dan's term as alternate councilor.

Ann Nalley has submitted two proposals for symposia for Pacificchem: 1) Women Chemists set for 2 or 2.5 days) and 2) Peace around World.

Sharon Haynie reported on her work to champion a Centennial symposium for Henry Hill at the 2015 Fall meeting in Boston.

Subdivision Reports

Cary Supalo (Chemists with Disabilities): Had symposium on using tools for laboratory. 5 visually impaired people in the room.

Michael Wedlock (Gay and Transgender Chemists and Allies): Mary Crawford is new Chair-Elect. They are planning to program in SF and will apply for an IPG.

Adam Myers (Younger Chemists): YCC was involved in how to Network session. This subdivision is specifically asking for 2015 chair-elect.

Chris Bannochie (Liaison for all subdivisions): Prior to SF we need to have some mechanism to recognize the subdivisions.

Treasurer, Pete Smith reported we underspent last year by \$600.

Webmaster, Benny Chan requested updates for our website.

The Division of Professional Relations speaks for the professional needs and interests of all chemists, chemical engineers, and chemical professionals. Let us meet your needs and interests. Join DPR today by completing the information below.

Step One: Choose Your Membership Type

ONE YEAR DPR MEMBER CATEGORIES

- ACS – full member (\$10)
- Non-ACS – affiliate member (\$12)
- Student member (\$5)

Step Two: Select Subdivision Membership(s)

- Subdivision on Chemists with Disabilities (\$2)
- Subdivision on Ethics (\$2)
- Subdivision of Gay & Transgender Chemists and Allies (\$2)
- Subdivision on Minority Affairs (\$2)
- Subdivision of Women Chemists (\$2)
- Subdivision of Younger Chemists (\$2)

Step Three: Provide Information & Mail

Enclosed is a check in the amount of \$ _____
made payable to: ACS Division of Professional Relations.

Name _____

ACS Member No. _____

Address _____

Phone _____

E-mail Address _____

*Mail To: Dr. Peter Smith
Treasurer, Division of Professional Relations
Westminster College
319 S. Market Street
New Wilmington, PA 16172-0001*