



ACS Division of
Professional Relations

Web site: www.acsprof.org

BULLETIN

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Lisa M. Balbes, Editor
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Chair's Comment

Keith Vitense



Fall has officially arrived! For some of us, that means the first snowfall is right around the corner (or may have already arrived!) For others, it means we can look forward to days in the not-to-distant future that our high temperatures will be in the eighties. But one thing that it does signal is that the year is drawing to a close. As we look forward to 2014 there are still some housekeeping items for us to take care of as a division. The most notable of these is our election of members to the Executive Committee. I think we have a wonderful slate of volunteers that are willing to stand for election, and I hope that after reading the bios you will agree with my assessment that we have some of the best volunteers in the Society right here in our Division!

For those of you that were unable to attend the ACS National Meeting in Indianapolis, I think you missed a pretty good meeting! Understand, that because of other activities I have spent a lot of time in Indianapolis the past few years, and that tends to bias my outlook; however, I really believe that Indy is a great city for a national meeting. Access to the majority of the hotels was possible without having to go outside, there were a number of (my opinion) very good places to eat that were very reasonably priced, and most importantly a number of high quality symposia and general presentations. Overall, it was in fact a very good meeting!

The Henry Hill presentation was held during this meeting. Although circumstances beyond our control (think Hurricane Sandy) forced our move to a fall presentation this year, it allowed us to lay the groundwork for the celebration of the award in 2015 in Boston. Work continues on this project, and if you are interested in volunteering your time to help organize this historic event, please contact any of the Executive Committee members, and I'm certain that we will have an opportunity for you to help!

As I finish my term as Chair of the Division, there are a number of people that I need to thank, but number one on that list is our 2014 Chair, Joe Stoner. There are so many things that went on behind the curtain that would not have happened without all of the hard work from Joe, and I can't imagine anyone getting better support than I received from Joe. I am positive that the division will flourish next year under Joe's guidance, and I am excited for the future of the division!

Finally, I would like to remind everyone that there are many ways that you can serve the Division, from participating in symposia to becoming active in the subdivisions to simply volunteering your time and your talents to support the Division. As always, thank you for what you have done and what you continue to do for OUR Division!

Candidates Running for Division Office

Chair Elect – E. Ann Nalley

Secretary – Sue Schelble

Member(s) at large – Jean Delfiner, Diane Kneeland

Gay and Transgender Chemists and Allies Sub-Division
Chair: Mary Crawford, Stephanie Miller

See Biographies starting on page 7 of this newsletter.

DON'T FORGET TO VOTE!!!



Immediate Past Chair

George Heinze

This is my final report to PROF as part of the three year chairmanship succession (chair-elect, chair and immediate past chair). During this three year term, PROF has continued to develop its infra structure, particularly with respect to its sub-division structure. We are still not at the point we would like to be, with all the subdivisions actively programming, holding elections and developing succession plans, but we are on the road. The chair who preceded me, Chris Bannochie, got us off to a good start and chair Keith Vitense and chair-elect Joe Stoner are keeping the momentum going. I urge all PROF members who are involved in various division governance functions to be as diligent as possible to ensure that PROF continues to prosper.

During these past three years it has also been my privilege to serve as PROF's liaison to CEPA, a most interesting experience. It is obvious that the interests and mission of CEPA and PROF are tightly interwoven. CEPA is the one ACS committee that is mainly focused on the professional well being of chemical professionals. They are very involved in areas such as employment opportunities, composition, public policy as it effects job creation and similar initiatives. There needs to be continuing co-operation between PROF and CEPA in support of these goals.

In closing, I want to thank all the members of PROF, who when I asked for their assistance in various projects, cheerfully responded. There are too many to individually enumerate, but I particularly want to mention three who have been there all three years--Sue Scheible our faithful secretary, Pete Smith our vigilant treasurer and Lisa Balbes our enduring newsletter publisher and editor. Again, it's been a great three years and my best to all.

Ethics Subdivision Activities

Barb Moriarty (barbaramoriarty0@gmail.com)

The Ethics subdivision of the Division of Professional Relations has had a variety of activities during the past year. Earlier this year, a symposium entitled "Ethics Programs in Corporations and Institutions" was presented at the National ACS meeting in New Orleans. Many of the presentations are available as

Chair Elect's Message

Joe Stoner <joestoner@bellsouth.net>

The Division of Professional Relations is leading an effort to organize for the celebration of the anniversary of Henry Hill's birth at the Boston National Meeting in August 2015. PROF awards the Henry Hill Award each year for distinguished service to professionalism in Chemistry. Henry Hill, a pioneer in chemistry, was the first African-American Ph.D. graduate of Massachusetts Institute of Technology in Chemistry in 1942. He was an authority in polymers chemistry and fabric flammability. He founded National Polychemicals, Inc. in 1952 and Riverside Research Laboratory in 1961. He became the first African-American president of the American Chemical Society in 1977. Both the Northeastern Section of the American Chemical Society and the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCChE) his namesake award.

We are planning a big celebration at Boston, and we are looking for partners to help make this a significant event at the meeting. The Small Chemical Business Division has agreed to join us in supporting this effort. It is appropriate that we celebrate the anniversary of his birth in Boston, as the city was a major part of his life and career.

Sharon Haynie has agreed to lead the committee to plan the celebration in Boston. Joe Francisco, past president of the ACS, will be supporting the effort. Bob Lichter will be representing the interests of the Northeastern Section and Sharon Haynie will be including NOBCCChE in the planning. Linette Watkins, Anne Nalley, past ACS President, and I will be representing PROF.

Please let me or others on the committee know if you have ideas about how to make this celebration a success.

part of Presentations on Demand. The subdivision worked with Jeffrey Seeman to apply for and receive an Innovative Program Grant. The grant is to help in publication costs for a special issue of Accountability in Research. The issue will be devoted to Responsible Conduct in Research and Ethics in Chemistry. A number of articles are expected from Jeffrey Seeman, Ashutosh Jogelekar, Rick Danheir and Jeffrey Kovac. Other articles may come from Roald Hoffman and Greg Ferrence. Finally, a symposium is being co-sponsored in Dallas by the Division of Professional Relations with a working title of "ethical Considerations in Digital Scientific Communication and Publishing." We all owe a big Thank You to a past chair of the subdivision, Joe Stoner, who has worked hard in organizing symposia, etc.

One of the challenges being considered is getting Ethical "programming" to local sections. If you have ideas, send me your thoughts via email at barbaramoriarty0@gmail.com. Thanks for all your help and support.

Chemists with Disabilities Symposium

Cary Supalo

On Tuesday, September 10, 2013, the Division of Professional Relations sponsored a symposium titled, "Current and Future Trends to Provide Equal Access to Chemistry and Science Curricula for Students with Special Needs." The presentations in this symposium all discussed key aspects of how students with print disabilities would need to overcome access to Science, Technology, Engineering, and Mathematics (STEM) course content. Through the development of access technology and other teaching methodologies, students with print disabilities can be fully integrated into STEM courses. In this session, some of the highlights were a talk titled, "Ambiguity in Spoken Mathematics," regarding how a concept known as "MathSpeak," which is a set of spoken rules for mathematics, can be used to speak algebraic and other mathematical concepts in a non-ambiguous way. Simply reading math expressions on the white board is not sufficient enough to provide adequate comprehension for students with print disabilities. However, if more teachers can learn the "MathSpeak" rules, then non-ambiguous oral communications with mathematics will enhance learning for all students. Having the visual reinforced by the oral helps all students learn in math class.

This concept was later reinforced by a presentation

titled, "American Printing House for the Blind (APH) Makes STEM Concepts Accessible to Students with Visual Impairments." This presentation featured the demonstration of the first talking Texas Instruments TI-84 scientific and graphing calculator. This product demonstrated how X-Y Cartesian graph data can be sonified to provide a qualitative representation of visual information. Sonification is the use of a change in pitch of a tone that indicates the slope of a line. An increase in tone indicates a positive slope where as a drop in tone indicates a negative slope. Additionally, this presentation also described tactile ways low cost hands-on models can be used to convey biological and other science concepts to students with visual impairments. A 2-dimensional representation of DNA was examined by the audience as an illustrative example of these methodologies.

This presentation was followed by a talk titled, "Accessibility to Mathematical Information: A Status Update STEM." Accessing mathematical concepts in a clear non-ambiguous way is a core concern for those who are classified as print disabled. This presentation featured a program called, "Math Player," developed and distributed by Design Science. This software interface utilizes what are referred to as MathML files to allow for mathematical equations to be spoken using the "MathSpeak" rules. They are now alpha-testing a similar plug-in for chemical equations. This alpha-version was demonstrated as part of this presentation. Another presentation was titled, "Development of a Multisensory Chemistry Curriculum for a Residential School for the Blind." This presentation featured how the Sci-Voice Talking LabQuest available from Independence Science can be used to conduct scientific observations in a secondary science laboratory classroom. Examples of specific lab activities developed at Illinois State University were discussed. This curriculum was field tested with both middle and high school age students with visual impairments. The degree of visual impairment varied from high partial to totally blind. Further, the importance of multisensory science education experiences for all learners was presented.

This presentation was followed by a talk titled, "Blind Student Encounters Chemical Principals Laboratories at Truman State University." This presentation discussed how talking lab equipment can be successfully incorporated into a post-secondary level chemistry

curriculum. Examples of specific successes were illustrated as part of this presentation. The use of the Independent Laboratory Access for the Blind (ILAB) project tools such as the Submersible Audible Light Sensor (SALS) and the Color Analysis Laboratory Sensor or (CALS) were discussed. Specific examples of lab adaptations were featured. The primary tool used in this work was text-to-speech to provide access to the quantifiable data that was being collected on a PC. This computer interface featured products from Vernier Software & Technology and Independence Science. The common theme in all of these presentations was the need to provide access to STEM information is critical for students with print disabilities. Providing access to information followed by the promotion of direct hands-on science learning experiences can motivate students with print disabilities to consider STEM career paths. Multisensory science learning encourages students to consider career paths in STEM.

Women Chemists Subdivision Update

Jacqueline Erickson

The goals of the Women Chemists Subdivision include the following:

- 1) Promote diversity, inclusion, advocacy, recognition, mentoring and networking among women in the chemical sciences
- 2) Provide programming at national and regional meetings related to professional issues amongst women in the chemical sciences

In support of these goals, the Women Chemists Subdivision co-sponsored the successful STEM Women in Innovation and Investing Symposium at the 2013 Fall ACS meeting in Indianapolis. In the past, we organized a symposium on Mentoring.

Based on this successful programming at national meetings, the subdivision would like to increase our programming and activities. However, we need your help! We need programming ideas and symposium organizers.

In addition, there are other opportunities for leadership within the subdivision. Participating in the division and its activities is an excellent way to network and become involved in the ACS.

Therefore, if you would like to become involved in the

subdivision or if you just want to learn more, please contact me at jacqueline.a.erickson@gsk.com.

Young Chemists Subdivision Update

By Adam C. Myers, Ph.D.

At the Indianapolis meeting, the Young Chemists subdivisions presented the symposium "Getting Your First Industrial Job". This eight-speaker session, co-sponsored by SCHB and YCC, featured insights from people in various parts of the chemical enterprise (including non-chemists in HR), to recent graduates, to technical hiring managers. Jill Lynn, Director of HR at BASi in West Lafayette shared experiences from the perspective of a non-chemist seeking to hire chemists, and Sarah Canada (Dow AgroSciences) shared her experiences as a bench scientist turned HR recruiter, both giving insight into that seemingly scary entity known as 'HR'. Dr. Katherine Glasgow (Nomacorc) shared her perspective not only on getting her first industrial job as a Ph.D., but also her role as a hiring manager. Dr. Lori Payne (BASi) discussed navigating a path from the Peace Corps to Vice President of an analytical company. Dustin Rhodes (BASi) shared insight on the route from internship to full time hire, while Teresa Spann (student, DePaul) shared experiences of using a school career center and temp services as routes to industrial jobs. Dr. Peter Bonk shared his unique story of not taking no for an answer, and Rob Einterz shared his journey from chemist to business. The session also included an interactive panel discussion with the audience.

Also in Indy, the subdivision cosponsored a Guerilla Bar with the YCC. Yes, chemists can completely take over a bar in a new city. Check out the YCC Facebook page for photos of the event.

Next for the subdivision, we'll be partnering with the YCC for a session in Dallas with the working title "Career pathways in the Environmental Sciences". If you have particular insights in this area, and want to contribute, please contact Wasiu Lawal (wasiulawal79@yahoo.co.uk).

Do you have an idea for a symposium you would like to organize for the Young Chemists Subdivision? Do you have a unique career story for our next careers symposium? Please contact Adam (amyers@BASInc.com). See you in Dallas!

Councilor's Report - Fall 2013

Lynne Greenblatt and Diane Schmidt

Election Results

- The Committee on Nominations and Elections presented to the Council a slate of candidates for membership on the Committee on Committees beginning in 2014. By electronic ballot, the Council elected Janet L. Bryant, Dee Ann Casteel, Amber S. Hinkle, Wayne E. Jones, Jr., and V. Michael Mautino for the 2014-2016 term.

- The Committee on Nominations and Elections presented to the Council a slate of candidates for membership on the Council Policy Committee beginning in 2014. By electronic ballot, the Council elected Harmon B. Abrahamson, Judith H. Cohen, Alan M. Ehrlich, and Angela K. Wilson for the 2014-2016 term.

- The Council Policy Committee presented to the Council a slate of candidates for membership on the Committee on Nominations and Elections beginning in 2014. By electronic ballot, the Council elected Lisa M. Balbes, Jeannette E. Brown, Martha L. Casey, D. Richard Cobb, and Lissa Dulany for the 2014-2016 term.

Candidates for President-Elect and Board of Directors

- The candidates for the fall 2013 ACS national election were announced as follows:

Candidates for President-Elect, 2014

Dr. G. Bryan Balazs, Associate Program Leader, Lawrence Livermore National Lab, Livermore, CA

Dr. Charles E. Kolb, Jr., President and CEO, Aerodyne Research Inc., Billerica, MA

Dr. Diane Grob Schmidt, Section Head R&D, The Procter & Gamble Company, Cincinnati, OH

Candidates for Directors-at-Large, 2014-2016 (two will be elected)

Dr. Susan B. Butts, Independent Consultant, Susan Butts Consulting, Midland, MI

Dr. Thom H. Dunning, Jr., Director, National Center for Supercomputing Applications and Professor, Distinguished Chair for Research, University of Illinois at Urbana-Champaign, Urbana, IL

Dr. Dorothy J. Phillips, Retired, Waters Corporation, Milford, MA

Dr. Kathleen M. Schulz, President, Business Results, Inc., Albuquerque, NM

Candidates for District II Director, 2014-2016

Dr. George M. Bodner, Arthur Kelly Distinguished Professor of Chemistry Education and Engineering, Purdue University, West Lafayette, IN

Dr. Alan A. Hazari, Director of Chemistry Labs and Lecturer, University of Tennessee, Knoxville, TN

Candidates for District IV Director, 2014-2016

Dr. Rigoberto Hernandez, Chemistry and Biochemistry, Georgia Institute of Technology, Atlanta, GA

Dr. Larry K. Krannich, Professor Emeritus of Chemistry, University of Alabama, Birmingham, AL

Realignment of Electoral Districts

- ACS Bylaws require that the six electoral districts – from which six directors are elected to the ACS Board of Directors – be balanced in their total member populations. The Council voted to approve a proposal by the Committee on Nominations and Elections to realign these districts. The realignment meets the specified criteria for redistricting as required by Bylaw V, Section 4a and brings all six districts within permissible population range. This change takes place in 2014 and does not affect the 2013 national ACS elections. Councilors and others may visit the N&E website to look at the actual proposal and its impact.

Meeting Registration Report

- As of the morning of September 11, 2013, the ACS fall national meeting had attracted 10,840 registrants, including 6,630 regular attendees and 2,584 students.

Divisions

- After much debate, a proposed name change for the Division of Colloid and Surface Chemistry to the Division of Colloids, Surfaces, and Nanomaterials was defeated by the Council in a close vote.

Special Discussion Item

- A special discussion item was put on the Council

agenda for this meeting. ACS President Marinda Wu presented and moderated a discussion on “What can we – as the Society and as individual citizens – do to help create jobs or demand for chemists?” She shared five recommendations from the presidential task force “Vision 2025: Helping ACS Members to Thrive in the Global Chemistry Enterprise” and what they might imply for our efforts to help create jobs: discover and share information about the skills and competencies that a wide range of employers will need; continue to expand resources which help our members to position themselves for successful careers in the global chemistry enterprise; enable entrepreneurs to create and strengthen their startups that hire chemistry professionals; advocate for policies that improve the business climate and promote the creation of chemistry jobs; and work with other stakeholders to understand and influence the supply and demand of chemists and jobs. Following the presentation, numerous Councilors engaged in a discussion of this focused topic on possibilities to encourage jobs creation and offered several suggestions.

ACTIONS OF THE BOARD OF DIRECTORS

At this meeting, the ACS Board of Directors considered a number of key strategic issues and responded with several actions.

The Board’s Committees and Working Groups

- The Board held a lengthy strategic issue discussion on the topic “Connecting Chemists with Each Other.” It considered what the role of ACS should be in helping chemists develop relationships with other chemists and the strategies that enable those relationships; how these strategies encourage and support younger and international members; and how these strategies develop relationships to leverage the world renowned chemists/innovators that comprise our membership.
- The working group on Society Program Portfolio Management briefed the Board on its activities. The working group is charged with delivering a process for portfolio management of Society programs in the divisions of Membership and Scientific Advancement, Education, and the Office of the Secretary and General Counsel (Office of Public Affairs) and pilot programs.

- The Board received a briefing and approved a

recommendation from its Committee on Executive Compensation. The compensation of the Society’s executive staff receives regular review from the Board.

- On the recommendation of the Committee on Budget and Finance (B&F), the Board voted to approve an advance member registration fee of \$380 for national meetings held in 2014. The Board also voted to reauthorize funding in next year’s proposed budget for the ACS International Center, and the ACS Entrepreneurial Initiative, and to authorize funding for a new initiative, the National Association of Chemistry Teachers (NACT). This association will be an ACS program to provide teachers a professional home. Through NACT they will have access to specialized resources and the broader ACS community.

The Executive Director/CEO Report

- The Executive Director/CEO and her direct reports updated the Board on the following: highlights and high-level recommendations on the ACS global presence; and the activities of CAS (Chemical Abstracts Service) and the ACS Publications Division. As a follow-up to the Publications report, the Board voted to approve one journal editor appointment and several editor re-appointments.

Other Society Business

- The Board also voted to hold the December 2015 Board of Directors meeting in Honolulu, Hawaii, in conjunction with the 2015 International Chemical Congress of Pacific Basin Societies (Pacifichem). The ACS is the host society for the 2015 Pacifichem meeting, and co-location will allow Board members to participate in this very successful Pacifichem meeting.
- Finally, the Board received reports from the Presidential Succession on their current and planned activities for the remainder of 2013 and 2014.

Awards in Indianapolis

Kristen Murphy and Donna Nelson were awarded the 2013 Henry Hill Award for distinguished service and achievement towards the advancement of Professional Relations. John Borchardt was posthumously awarded the Lou Sacco Award for an exceptional lifetime of service to the Division of Professional Relations.



Kristen Murphy with Keith Vitense. (top)
Donna Nelson with Keith Vitense. (bottom)
Photo credit: George Ruger

Candidates Biographies

NALLEY, ELIZABETH ANN: Wichita Falls-Duncan Section.

Science Education, Professor of Chemistry, Cameron University, Lawton, OK

Academic Record: Northeastern Oklahoma State University, B.S., 1965; Oklahoma State University, M.S., 1969; Texas Woman's University, Ph.D., 1975.

Honors: Henry Hill Award, ACS Division of Professional Relations, 1996; Oklahoma Chemist Award, 1992; Oklahoma State Teachers Association, Oklahoma Science Teacher of the Year, 1999; Oklahoma Governor's OCAST Award for Outstanding Contributions to Economic Development, 2001; Southwest Technology Distinguished Research Award, 2001; Cameron University Phi Kappa Phi Promotion of Excellence Award, 1998; Cameron University Faculty Hall of Fame Award 1996, Distinguished Service Award 1995, Cameron Outstanding Professor Award, 1986, Outstanding Advisor Award, 1993; Phi Kappa Phi Distinguished Faculty Award, 1978; Phi Kappa Phi Meritorious Service Award, 1981 & 1989; Phi Kappa Phi Alumni Award, 1980. Texas Woman's University Distinguished Alumnus, 2001; Phi Kappa Phi; Sigma Xi; Sigma Pi Sigma; Iota Sigma Pi; Phi Kappa Delta; Delta Kappa Gamma. Elected as an ACS Fellow-2009; Inducted in to the Oklahoma Higher Education Hall of Fame, 2010; Elected as a AAAS Fellow-2013; Elected as a DaVinci Institute Fellow-2013; Elected as one of the top 20 Women Faculty in Oklahoma, 2013; Cameron University 2013 Partner of Choice Award

Professional Positions(for past ten years): Cameron University, Professor of Chemistry, 1978-to date; and Hard Science Facilitator for Cameron University Research Center, 1988-1992; University of Oklahoma: Adjunct Professor of Environmental Science and Civil Engineering, 1990-1991; Visiting Professor, Summers 1990, 1989

Service in ACS National Offices: Director District V, 1997-2003, Councilor, ex officio 1997-2003; Executive Committee of the Board, 2002; Board Committee

on Planning, 2002; Board Committee on Member and Professional Relations, 1997-2000, Chair 1999-2002; Board Committee on Grants and Awards, 2001-2002; Board Development Committee, 1998; Society Committee on Education, Consultant, 1999-2000; Committee on Chemical Safety, Committee Associate, 1996-2000; Committee on Membership Affairs, Committee Associate, 1995; Committee on Economic and Professional Affairs, 1994; Consultant, 1999-2000; Committee on Economic Status, 1984-93, Vice-chair, 1989-91; Secretary, 1988, 1985-86; Committee on Local Section Activities, 1982-83, Secretary, 1983; Joint Task Force on Employment Services, 1984-1991; Task Force on Industrial Sabbaticals Secretary, 1987-1989; Task Force on Certification and Licensing, Chair, 1989-1992; Task Force on Revitalizing Student Affiliate Chapters, 1989; Task Force on Student Affiliate Advisor's Manual, 1990.

Service in ACS Offices: Member ACS since 1972, ACS President, 2006; President Elect, 2005; ACS Board Director District V, 1997-2000, 2001-2003, Councilor Ex-Officio, 2008-Present; Wichita Falls-Duncan Section: Councilor, 1980-83, 1985-to date; Secretary-Treasurer, 1977, Chair-Elect, 1978; Chairman, 1979; Historian, 1980-81; Nominations Committee Chairman, 1980; Education Committee Chairman 1980-81, National Chemistry Week Committee Chairman, 1987-1996; Committees on Professional Relations, Chair 1992; Public Relations, 1985-92; Long Range Planning, 1978-95; Pentasectional Meeting Planning, 1996-97, 1985-86, 1980-81, 1996-97, 2001-2002, Oklahoma Pentasectional Meeting: Program Chair 2001, General Chair 1986, 1981; Southwest High School Teacher Regional Award, Chair, 1984, Southwest Regional Program Committee, 1998. Division of Professional Relations: Chair, 1997; Chair-elect, 1996; Secretary, 1990-1995; Member-at-Large, Executive Committee, 1987-89; Cameron University ACS Student Affiliate Chapter: Sponsor 1982-to date.

Member: American Association for the Advancement of Science; American Institute of Chemists; American Association of University Women; American Council on Undergraduate Research Higher; Higher Education Council of Oklahoma, Oklahoma Council on Public Affairs. ACS Divisions: CHED; ORG: POLY; CHAL and PROF.

Related Activities: The Honor Society of Phi Kappa Phi: National Past President, 1998-2001, National President, 1995-98, National President-Elect, 1992-95, National Vice- President, 1989-1992, National Regent, 1980-89, Board of Directors, 1980-2001; Budget Committee, 1989-2001; Foundation Board of Trustees, 1980-2001; American Institute of Chemists, National Board of Directors, 1992-93; National Poly-Ed Scholar, 1992-93; University of Texas, Dallas, Visiting Scientist, Summers 1987, 1986; Oklahoma Collegiate Conference on Chemical Education, Chair-1977; Biennial Conference on Chemical Education, Exhibits Committee Chair, 1982; Chemical Education, Chairman-1977, Listed: in Who's Who In America, Who's Who Among American Women, American Men and Women in Science, Who's in Science and Engineering, Who's Who in the Southwest, Who's Who Among International Business and Professional Women, Who's Who Among American Teachers; Science Advisor to the Oklahoma Council on Public Affairs. Over 75 Scientific papers and publications: Service on Numerous Cameron University Faculty Groups.

Candidate Statement: I ask for your support in my election bid to serve as Chair-elect in 2014 and Chair in 2015 of the Division of Professional Relations (PROF) of ACS. If I am given the opportunity to continue to serve in this office, I hope to work in the following areas that will benefit PROF:

- 1) Work to increase the membership of the Division.
- 2) To increase the programming at National and Regional Meetings.
- 3) Work with the current executive committee of PROF to organize programming that highlights the work of Henry Hill during the 2015 anniversary of his birth.
- 4) To organize a year- long celebration of the birth of Henry Hill and his role in increasing diversity in the ACS.
- 5) To involve more of our members in the Divisions activities.

Thank you for voting.

SCHELBLE, SUSAN M.: Colorado Section: Metropolitan State University of Denver, Denver, CO.

Academic Record: Colorado State University, Ph.D. in Organic and Analytical Chemistry, 1994; University of Wisconsin, Stevens Point, BS in Chemistry, 1985; St. Norbert College, BS in Medical Technology, 1971.

Honors: Project SEED Mentor/Coordinator Certificate from ACS, 2008; Certificate of Appreciation for Science Fair Judging, 2008; Certificate of Appreciation from Metro State Office of Sponsored Programs, 2008; Green Chemistry Student Affiliate Award, 2005; Community Resources of Denver, Inc., Special Recognition Award, 2000; Gamma Phi Beta Favorite Professor Award, 1994.

Professional Positions: Associate Professor at Metropolitan State University of Denver Chemistry Department, 2005-Present; University of Colorado at Denver Chemistry Department, 1998-2005; University of Southern Colorado Chemistry Department, 1995-1998; Colorado State University Chemistry Department, 1993-1995; Colorado State University.

Service in ACS: Elected secretary (2-year team) to the Division of Professional Relations (2011); Appointment (three year term) to the Exams Institute Board of Trustees (2013); Appointment to the ACS Ethics Committee, 2005-Present; Appointment to the Board Committee on Community Activities, 2003-2005; Councilor, for the Colorado Section 2004-Present; Awards Committee Chair, 2003-Present

Service to DPR: Performed secretary duties since 2009, including filing reports for the division in the ACS Yellow Book every December. Contributed to division programming including Sci-Mix and membership recruitment, as well as cross-divisional and committee programming with ethics workshops and presentations.

Research Interests: Studying organophosphorus compounds as synthetic reagents for preparation of thioamides. Studying reaction mechanisms and kinetics. Investigating learning strategies for chemical education. Working to develop learning activities, which provide an interface between science and public policy.

Professional Memberships: Division of Professional Relations since 2008; Committee on Chemical Education Research (Friends, since 2002); Council for Undergraduate Research (CUR) since 1998; Division of Chemical Education since 1990; American Chemical Society since 1982.

Candidate Statement: I ask for your support in my

election bid to continue as Secretary for the Division of Professional Relations (PROF) of ACS. If I am given the opportunity to continue to serve in this office, I hope to work in the following areas that will benefit PROF:

1) Compile minutes from all PROF national meetings and teleconferences.

2) Provide data to the national ACS office about the division.

3) Work with the current executive committee of PROF to organize programming that highlights the work of Henry Hill during the 2015 anniversary of his birth.

4) Continue to work with all members of PROF to increase membership and activities, including programming, that enhance the professional lives of members of PROF.

Thank you for voting.

DELFINER, JEAN DAVIS: Parent section, New York Section; Westchester Chemical Society, Subsection.

EDUCATION: B.S., CUNY; M.A., CUNY; M.S., Vanderbilt University.

POSITIONS HELD: Chemistry Educator and Science Specialist (Retired), New York City Department of Education; Adjunct Professor, Seton School, Iona College; ChemSource Instructor, The College of New Rochelle; Chemistry Instructor, Peabody College for Teachers; Science Instructor, Meharry Medical School; Abstracting Service Coordinator, School of Engineering, Vanderbilt University; Developmental Research Chemist, Merck, Sharp & Dohme Research Laboratories; Analytical Chemist, Essential Oils, Inc.

ACS ACTIVITIES and AWARDS, NEW YORK SECTION: ACS Fellow, 2011; Board of Directors, 1990-present; Director-at-Large, 1996; Councilor, 1997-2010; Alternate Councilor, 2010-2013; Westchester Chemical Society, (WCS), Co-chair 2003-08, Chair 1997, Director since 1990, WCS rep to the Hudson Council of Technical Societies; Founder and Co-chair, High School Teachers Topical Group (HSTTG); Chair of the Columbia University Scientific Literacy Group in collaboration with the HSTTG; Education Committee member; K-12 School Science Safety Committee Chair; CHAS Symposium, coordinator and presenter for pre-college science safety education; Nichols High School Teachers Jury

Co-chair; Outstanding Service Award Jury, 2003-2006 and Co-chair for 2007; Co-chair Chemical Education Committee for 31st MARM; HSTTG presenter and award recipient at CTCNY, NYSUT, NSTA, SCONYC, UFT conferences; STANYS Fellow, 1997; Metrowomen Chemists Committee member; National Chemistry Week Committee member; Chemagination co-chair 2003; Polymer Ambassador for K-12 science; A Salute to Excellence Awards for NY and HSTTG, 2005 and 2009; Westchester Chemical Society Salute to Excellence Award, 2008; NY Section Science Cafe assistant to NY Section Chair Liddell.

NATIONAL ACS ACTIVITIES: Member of the following committees, divisions and taskforce: ACS MARM Committee (past and present); Chemical Safety Committee; Chemists With Disabilities Committee, Chemical Health and Safety Division; Chemical Education Division; Sigma Xi; Membership Committee of DivChEd; Environmental Chemistry Division; Agriculture and Food Chemistry Division; Agrochemicals Division; Professional Relations Division; Polymer Chemistry Division; Division of Polymeric Materials; Division of Chemical History; PolyEd Committee; 2001 Presidential Task Force for K-12 Science Education; HS Teacher Day Committee member and presenter at the 226th ACS National Meeting in NY; Polymer Ambassador for K-12 Science for NY.

ACS symposia organizer for: CHAS Symposium NY meeting; 13th and 14th Biennial Conferences on Pre-college Chemical Education Symposia; 1991 National ACS Meeting, Pre-college education symposium. Presented at the 1992 International Conference on Chemical Education, pre-college, Bangkok. Presenter of the following ACS programs at a variety of meetings: ChemSource, Polymer Ambassador and Science Safety Education at the Division of Chemical Education Symposia at National ACS meetings; Biennial Conferences; ChemEd Conferences 1987-1997; National Association of Science Teachers Conferences; Science Teachers Association of NY State Conferences; Rockefeller University Teacher Outreach Program.

MEMBERSHIP/SERVICE IN RELATED PROFESSIONAL ORGANIZATIONS (Scientific, Educational, Environmental and Civic) (Past and Present): American Association for the Advancement of Science (AAAS); Sigma Xi; NSTA; STANYS; SCONYC; League of Women Voters (Chair of Safe

Drinking Water Act National Education Project, 1996); Physics Club of NY; Chemistry Teachers Club of NY.

STATEMENT: Whereas the American Chemical Society is actively engaged in promoting the awareness of the contributions of chemistry to society and enhancing the public image of chemistry, the Division of Professional Relations helps the ACS achieve its goals by supporting the protection of the rights of all chemists in the workplace.

KNEELAND, DIANE: Central Texas Section: The University of Texas at Austin, Austin, TX.

Academic Record: The University of Victoria, Ph.D. in Inorganic Photochemistry, 1991; BS in Chemistry, 1986.

Honors: Chemluminary Award for Best Local Section Career Program, 2004; Austin Energy Regional Science Festival, 2003; G.H. Ayres Award in recognition of outstanding service, from the Central Texas Local Section 2005.

Professional Positions: Senior Program Coordinator for Public Health, Medical Laboratory Science and Health Information Technology at The University of Texas at Austin, 2010 to present; Senior Career Advisor, College of Natural Sciences Career Services, UT Austin, 2002-2010; Career Library Manager, McCombs School of Business, UT Austin, 1999-2001; Texas Fluorescence Laboratories, 1997-1999; UT Austin Department of Chemistry 1992-1997.

Service in ACS: Member CEPA, 2010 - present; Member, Women Chemists Committee 2008-2010; Councilor, Central Texas Section 2010-Present; Nominations Committee Chair, 2010-Present; Chair of the Central Texas Section, 2004-2005; Newsletter Editor, Central Texas Section 1999-2004.

Service to CEPA: Evaluate career consultant applications and evaluate career consultants; evaluate nominees for the CEPA Chemluminary award. Meet with employers and observe career workshops; Liaison to YCC; Programming Chair.

Professional Memberships: American Chemical Society since 1992.

Candidate Statement: I ask for your support in my election bid to become Member at Large for the Division of Professional Relations (PROF) of ACS. If I am given the opportunity to serve in this office, I hope to work in the following areas that will benefit PROF:

- 1) Act as a liaison between CEPA and PROF
- 2) Attend PROF meetings and provide feedback on issues of importance in the area of career and professional development.
- 3) Work with the current executive committee of PROF to organize programming that is compatible with the goals of CEPA.

Thank you for voting.

CRAWFORD, MARY A.: ACS IL Heartland Section: Peoria, IL.

Academic Record: Knox College, Galesburg, IL, BA in Chemistry, 1989;

Purdue University, Ph.D. in Analytical Chemistry, 1999;

Honors: The Trio Achievement Program Distinguished Educator Award, 2008; Howard Hughes Medical Institute Faculty Fellowship, Knox College, 2005-2006; David Robinson Fan of the Year Award, Knox College, 2005-2006; Alfred P. Sloan Dissertation Grant, Purdue University, 1999; Howard Hughes Medical Institute Teaching Fellowship, Knox College Department of Chemistry, 1997-1998; Chemistry Departmental Fellowship, Purdue University, 1995-1996; Loren T. Jones Summer Research Fellowship, Purdue University 1995; National Needs Summer Research Fellowship, Purdue University, 1993; Graduate Education for Minorities (GEM) Fellowship 1991-1992; College Honors in Chemistry, Knox College, Galesburg, IL, 1989; Elected to Sigma Xi, Knox College, Galesburg, IL, 1989; ACM-Mellon Minority Student & Academic Careers Summer Fellow, Knox College, Galesburg, IL, 1988;

Professional Positions: Chair of Department of Chemistry at Knox College, 2012-Present; member of the department of Chemistry at Knox College since 1997. Graduate Student Research Assistant/ Intern at the Scientific Research Lab, Ford Motor Company 1995-1997; GEM Fellowship Intern, Union Carbide Corporation, Summer 1990; Coordinator of Multicultural Recruitment, Knox College, 1990-1991;

Service in ACS: Journal of Chemical Education Reviewer, 2007 to present; ACS-LGBT Chemists and Allies Subdivision, Executive Committee, 2011-present
Research Interests: Studying the kinetics of atmospheric reactions in the troposphere. Developing curricular

materials to help students make connections between physical chemistry and other areas of science and technology

Professional Memberships: ACS member since 2009; ACS Division of Chemical Education; ACS Division of Physical Chemistry, ACS Division of Professional Relations; Council for Undergraduate Research (CUR) since 2011; served as National Organization for the Professional Advancement of Black Chemists and Chemical Engineers - served as National student representative from 1996-1997; elected to Sigma Xi, 1989;

Community Service/ Related Activities: Director of Creating Opportunity and Access in Science and Technology (COAST) –Principal Investigator NSF-STEM grant DUE- 1258935, 2013-2018; Panelist on Careers in the Physical Sciences at Out to Innovate Conference, 2012; Conference Session Chair, ACS Great Lakes Regional Poster Session, 2004; Annual Panelist Multicultural Student Orientation, 2005 to present; Workshop Facilitator for ABLE/Lo Nuestro Multicultural Tri-College Conference on (A) Education and Professional Fields (B) Preparing for Graduate School & the Workforce, 2001; Faculty Colloquium on Assessment in the Sciences; Knox College representative to the Associated Colleges of the Midwest (ACM) committee on the Status of Women-Knox representative and served one year as chair; HHMI Girls Summer Camp co-Director.

Candidate Statement: It is an honor to be considered a candidate for the Chair Elect of the Gay, Transgendered Chemist and Allies. I have spent my entire career trying to make chemistry more accessible to students of a diverse background. As chair, my goals would be to build upon the phenomenal work done by those who have preceded me.

MILLER, STEPHANIE R.: Chemical Society of Washington: University of Maryland College Park, College Park, MD.

Academic Record: University of Maryland College Park, PhD in Biophysics (IN PROGRESS), estimated graduation 2017; Mount Holyoke College, BA in Chemistry, 2011.

Honors: Pre-doctoral Intramural Research Training Award (IRTA-NIH-GPP), 2013; Dolphus E. Milligan Minority Graduate Fellowship, 2012; NASA Space

Grant Fellowship, 2010.

Professional Positions: Pre-doc IRTA Graduate Fellow in Critical Brain Dynamics at National Institute of Mental Health, 2013-present; Graduate Student in Biophysics at University of Maryland College Park, 2012-present; Graduate Research Intern, National Institute of Standards and Technology (NIST), 2012-2013; Chemistry Research Associate at NASA Ames Research Center, 2010-2011; Assistant at DiverseScholar (www.MinorityPostdoc.org), 2010-2012.

Service in Science/Professional Societies: Gave a flash-presentation on mentorship and professional networking at oSTEM (Out in STEM) Conference 2013; Spoke to members of the US House of Representatives Committee on Science, Space, and Technology about the importance of scientific research internships, Congressional Meet-and-Greet with NIST student interns, Washington DC, July 2013; Panel speaker on mentorship and career advancement at NOGLSTP Out to Innovate Career Summit 2012; Created and moderated "Strategies for Navigating LGBT Identity in Science" panel at National Organization for Black Chemists and Chemical Engineers (NOBCChE) 2012 Annual Meeting; Created and facilitated "Queer Science" workshop at 2012 Annual Queer Sexuality and Gender Conference, Hampshire College, MA.

Service in LGBT Issues: LGBTQ Community Liaison at DiverseScholar, 2010-2012; Founding member of Coalition for Gender Awareness and Student Liaison to Dept. of Public Safety, Mount Holyoke College, 2010; Steering committee and Head of Security at New England Trans United Pride, 2009; Security Volunteer, San Francisco Pride 2011, Northampton Pride 2008.

Research Interests: Studying mechanisms of neural network synchronization. Modeling neuronal dynamics and using FRET to image cortical neurons in rats. Also interested in neuroethics.

Professional Memberships: ACS Division of Professional Relations Subdivision for Gay and Transgender Chemists and Allies since 2011; American Chemical Society since 2009; National Organization for Gay and Lesbian Scientists and Technical Professionals (NOGLSTP) since 2010; Society for Advancement of Chicanos and Native Americans in Science (SACNAS) since 2010.

Candidate Statement: I ask for your support in my election bid to serve as Chair of the ACS PROF Subdivision for Gay and Transgender Chemists and Allies. Although I am a graduate student and am

therefore junior to most subdivision members today, I have strong leadership skills and extensive experience in LGBTQ advocacy. If elected as Chair for the 2015 term, I will work to achieve the following goals:

- 1) Fulfill the duties of the Chair e.g. represent the subdivision in executive committee meetings either in person or by teleconference, coordinate and delegate conference programming, attend ACS National Meetings, etc.
- 2) Promote inclusion by reaching out to other minority groups in order to a) create coalitions and b) provide extra support to LGBTQ scientists of color and/or disability (minorities-within-a-minority).
- 3) Act as a role model to other LGBTQ youth in chemistry and increase the number of subdivision student members.
- 4) Work with NOGLSTP and other organizations to educate the Society and its members about the importance of building inclusive workplaces with full protections for LGBTQ-identified employees and students.

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