

Consolidated Minutes EXECUTIVE COMMITTEE MEETING

ACS Division of Environmental Chemistry

March 16, 2014

247th ACS National Meeting, Dallas, TX

(Next meeting: August 10, 2014)

I. [7:00 pm] Call to Order, Introduction, Attendance, Corrections to Roster (Williamson)

Aditya (Ashi) Savara
Alan Elzerman
Allan M . Ford
Dean Adams
Dionysios Dionysiou
George Cobb
Jillian Goldfarb
Laura Mcconnell
Matt Hotze

Michael Morello
Peney Patton
Sherine Obare
Souhail al-Abed
Tracy Williamson
Wasiu Lawal
Xiaoping Pan

II. [7:05 pm] Administrative Items & Announcements (Williamson)

- A. Multidisciplinary Program Planning Group (MPPG) Executive Committee Presentation (Mike Morello)
 - i. Waning attendance at MPPG. Mission includes themes for national meetings and multidisciplinary programming for divisions. MPPG theme leader makes a recommendation for the Kavli lecturer choice. Can text suggestions for themes for any national meeting to 804 601 6774 or twitter with #ACSthemes.
- B. Awards (Williamson)
 1. Graduate Student Awardees – Exhibit II.B.1
 2. Certificates of Merit from Fall 2013 Meeting – Exhibit II.B.2
 3. Gonter Awardees – 6 awardees for San Francisco
 4. Creative Advances in ES&T Awardee – Harold
 5. ChemLuminary - we have one nomination in (Jennifer Mclachlan)
 6. Kavli Foundation Emerging Leader in Chemistry Lecture – we submitted one nomination, Rafael Luque
 7. ACS Fellows nominations due April 1st.
- C. Annual Membership Recognition (Patton) – Available at meeting
- D. Executive Committee Recognition
 - i. George Cobb – Budget and Finance Committee (As Chair) 2010-2013
 - ii. Ruth Hathaway – Membership Services Committee (As Chair) 2004-2013
 - iii. Xiaoping Pan for Member-At-Large 2010-2013
 - iv. George Cobb - For Treasurer 2010-2013

III. [7:10 pm] Reports

- A. Secretary (Savara)
 1. Minutes from Fall 2013 Executive Committee Meeting - Distributed to committee by email on February 3, 2014

- Motion to approve the minutes from Fall 2013 Executive Committee meeting.

Moved: Allan Ford

Seconded: Xiaoping Pan

Approved

2. Dues for 2015.

- Current 2014 & 2015 dues are: Current dues are: regular member \$15, division affiliate \$20, society affiliate \$20, student member \$10, emeritus \$0; Foreign addresses \$4 surcharge.

Motion to drop the \$4 surcharge

Moved: Jillian Goldfarb

Seconded: Dion

3. 2014 Election Budget & Website Budget

- Last year the elections went smoothly with survey monkey. I recommend we perform the elections the same way. The cost of the elections was several hundred dollars. I am requesting a budget of \$600 this year to be spent on elections, server space, and general needs for maintaining the website (\$300 for elections, \$300 for other website needs such as server space, domain name, and technical support). This does not include the business office expenses for paper ballots.

- Motion to allocate \$300 for elections plus \$300 for website needs (a total of \$600).

Moved: Aditya Savara

Seconded: Tracy Williamson

Approved

Line: Expenses Section 7: ENVR webpage (\$300)

Line: Expenses Section 7: ENVR web voting (\$300)

4. Interim actions

- **Motion** to support GSSPC symposium at 247th ACS Meeting, titled "Elements in Transition: Is Chemistry Facing Revolution or Recession?" intended to "survey current and pressing issues related to ethics, funding, post-graduate employment, and the impact of technology on publishing." Motion approved for \$2000 provided that all the money used goes towards supporting students who are division members.

Line item: Expenses Section 4

- **Motion** to support the 9th International Conference on the Environmental Effects of Nanoparticles and Nanomaterials for \$1000 which was not approved.

B. Treasurer (Cobb/Pan)

1. Treasurer's Report – Exhibit III.B.1

- The division's liquid assets and longterm finances have both increased, we are in good shape financially.

2. Year End Report (Budget) – Exhibit III.B.2

- Motion to approve 2014 Budget amended to include Line items listed above.

Moved: Savara

Seconded: Alan Elzermann

Approved.

3. Bank Report – Exhibit III.B.3
4. Other
 - ACS formula for allocating dues funds
 1. The proposed new rules would result in a -1.15% change for quantity allocated to ENVR division from membership dues.
- C. Business Office (Patton) – Exhibit III.C
 1. New system for abstract submission will be coming out.
- D. Investment Committee (Elzerman) – Available at meeting
 1. Investments did well in 2013.
- E. Chair (Williamson)
 1. Student Activities
 - undergraduate speed networking
 1. several members going
 - GSSPC
 1. supported financially in both Dallas and San Francisco (Spring and Fall 2014)
 - Graduate & Postdoctoral Scholars Reception
 1. Supported financially in 2014 and 2015 by the division
 2. Division Report Card – Exhibit III.E.2
 3. Council Items (Adams, Exner, Elzerman, Wells)
 - ACS Dues expected to go up \$4.

IV. [8:00 pm] Executive Committee Business

- A. New Business
 1. Election (Adams)
 - a) Expiring Offices (effective December 2014):
 - i. Member at Large, Alex Orlov
 - ii. Member at Large, Allan Ford
 - iii. Member at Large, Ed Kolodziej
 - iv. Member at Large, Timothy Strathmann
 - v. Councilor: Alan W. Elzerman
 - vi. Councilor: Martha J.M. Wells
 - vii. Alternate Councilor: George Cobb
 - viii. Alternate Councilor: Ken E. Smith
 - b) 2014 Election Slate – Proposed:
 - i. Member at large:
 - a. Allan Ford
 - b. Ed Kolodziej
 - c. Alex Orlov
 - d. Jillian Goldfarb
 - ii. Councilor
 - a. Martha Wells
 - b. Alan Elzerman
 - iii. Alternate Councilor

- a. Ken Smith
- b. Souhail Al-Abed

Motion to Approve the proposed list.

Move: Dionysios Dionysiou

Second: Xiaoping Pan

Approved

B. Appropriations Committee (Mclachlan) – Exhibit IV.B

1. Motion to approve the committee recommendation of \$1000 for FAME amended to include the provision that the check be made out to a non-profit organization (and not an individual).

Moved Savara

Seconded: Souhail

Approved.

Secretary's Note: There is no existing line item to cover this expense, so a new line item will be added in Section 8 of expenses.

C. International Affairs Committee (Dionysiou)

1. CSC 2014: Request to amend nominal cosponsorship of *Contaminants of Emerging Concern* session at 97th Canadian Chemistry Conference and Exhibition in Vancouver, June 1-5, 2014, to financial contribution up to \$2000 to assist in funding student awards or small travel grants for invited speakers

Exhibit IV.C.1.1 – Exhibit IV.C.1.2

Motion to approve \$1000 for ACS ENVR members travel and registration for CSC 2014 in Vancouver.

Motion: Dion

Seconded: Savara

Approved.

From existing travel budget (Section 8 International meetings).

2. 14th European Meeting on Environmental Chemistry, December 2013 (Montenegro) report (Cobb)
3. Agreement of Mutual Cooperation between ENVR and the Environmental Division of the Serbian Chemical Society renewed and continued until November 2018 – Exhibit IV.C.3
4. By April 1st, divisions can submit to ACS National proposals of up to \$5,000 for international activities.

D. DAC Grants

- DAC Grant – Submitted for Centennial (Cobb, Goldfarb)
Requested funds for the Centennial Meetings: Keynote speakers and student support.
- DAC Grant – Completed for Air Quality Initiative (Cobb)
Had a session in Indianapolis.

E. Old Business

F. Centennial (Ford, Goldfarb) - Exhibit IV.F

➤ Ashi will make a powerpoint template for the special keynote speakers and symposia which includes the ENVR logo and 100th anniversary logo.

* Committee discussed \$20-\$25 for reception tickets for San Francisco and a lower price of ~\$15 for students with student tickets allocated to 20% of the tickets.

E. Long Range Planning (Cobb)

1. Motion to hold a strategic planning meeting in 2015 using the ACS facilitation program. The planning meeting will occur 2 days before the ACS Leadership Institute *or* at a time during the summer that accommodates the schedules of a majority of those interested from the executive committee. Costs for this meeting would be \$30,000. Any added costs must be approved by majority vote of the executive committee.

Moved: Ford

Second: Cobb

Approved.

V. [8:45 pm] Programming

- A. 247th National Meeting, Dallas, TX (Al-Abed) – Exhibit V.A
- B. 248th National Meeting, San Francisco, CA (Dionysiou) – Exhibit V.B
- C. Speaker Expense (Obare) – Available at meeting
 - i. We have requests for \$2,000 for international speakers for Dallas
- D. Membership attendance statistics (Exner, Williamson)

VI. [9:15 pm] Committee Reports

A. Archival (Turoski)

B. Awards

1. Certificate of Merit (Pan)
2. Undergraduate Student Awards (Dionysiou)

Motion to modify the undergraduate student award eligibility to include international student members.

Moved: Dion

Seconded: Savara

Approved.

3. Graduate Student Awards (Anderson)
4. Distinguished Service Awards (Turoski)
5. Hancock Awards (Dionysiou)
6. SETAC-ENVR Exchange Award (Cobb)

C. Membership Services

1. Demographics (Patton) – Exhibit VI.C.1 Exhibit VI.C.2

D. Publicity/Newsletter (Goldfarb)

- envirofACS October 2013 – Exhibit VI.D.1
- envirofACS February 2014 – Exhibit VI.D.2

E. Social Affairs (Hathaway)

F. Web Site (Savara)

- The website is finished. We now have a members only section. The login is a member's email address with their membership number as their password. I have obtained permission from ACS for our division to post jobs if we would like to. We are even allowed to charge a fee to post jobs, though I do not recommend doing so. Our contract with Zeta computers has been fulfilled and payment has been sent.

VII. [9:45 pm] Information/Concluding Comments

Adjourn [10:00 pm]

Consolidated Motions and Action Items

1. Motion to approve the minutes from Fall 2013 Executive Committee meeting.

Moved: Allan Ford

Seconded: Xiaoping Pan

Approved

2. Current 2014 & 2015 dues are: Current dues are: regular member \$15, division affiliate \$20, society affiliate \$20, student member \$10, emeritus \$0; Foreign addresses \$4 surcharge.

Motion to drop the \$4 surcharge

Moved: Jillian Goldfarb

Seconded: Dion

3. Motion to allocate \$300 for elections plus \$300 for website needs (a total of \$600).

Moved: Aditya Savara

Seconded: Tracy Williamson

Approved

Line: Expenses Section 7: ENVR webpage (\$300)

Line: Expenses Section 7: ENVR web voting (\$300)

4. Interim actions

Motion to support GSSPC symposium at 247th ACS Meeting, titled "Elements in Transition: Is Chemistry Facing Revolution or Recession?" intended to "survey current and pressing issues related to ethics, funding, post-graduate employment, and the impact of technology on publishing." Motion approved for \$2000 provided that all the money used goes towards supporting students who are division members.

Line item: Expenses Section 4

5. Motion to approve 2014 Budget amended to include Line items listed above.

Moved: Savara

Seconded: Alan Elzermann

Approved.

6. Motion to Approve the proposed nominations list.

Moved: Dionysios Dionysiou

Second: Xiaoping Pan

Approved

7. Motion to approve the committee recommendation of \$1000 for FAME amended to include the provision that the check be made out to a non-profit organization (and not an individual).

Moved Savara

Seconded: Souhail

Approved.

Secretary's Note: There is no existing line item to cover this expense, so a new line item will be added in Section 8 of expenses.

8. Motion to approve \$1000 for ACS ENVR members travel and registration for CSC 2014 in Vancouver.

Motion: Dion

Seconded: Savara

Approved.

From existing travel budget (Section 8 International meetings).

9. Ashi will make a powerpoint template for the special keynote speakers and symposia which includes the ENVR logo and 100th anniversary logo.

10. Committee discussed \$20-\$25 for reception tickets for San Francisco and a lower price of ~\$15 for students with student tickets allocated to 20% of the tickets.

11. Motion to hold a strategic planning meeting in 2015 using the ACS facilitation program. The planning meeting will occur 2 days before the ACS Leadership Institute *or* at a time during the summer that accommodates the schedules of a majority of those interested from the executive committee. Costs for this meeting would be \$30,000. Any added costs must be approved by majority vote of the executive committee.

Moved: Ford

Second: Cobb

Approved.

Secretary's note: This would be up to \$30,000 in the 2015 budget.

12. Motion to modify the undergraduate student award eligibility to include international student members.

Moved: Dion

Seconded: Savara

Approved.

AMERICAN CHEMICAL SOCIETY
Division of Environmental Chemistry

Executive Committee Members
Effective: January 1, 2014
(*denotes voting member of Executive Committee)

Elected Officers

*Chair: (Chair term ending 2015)	Tracy Williamson USEPA (7406M) 1200 Pennsylvania Ave., NW Washington DC 20460	202-564-8569 (W) 202-564-8679 (F) 202-352-6118 (C) 410-451-3680 (H) williamson.tracy@epa.gov Alt: tcwtcw3@aol.com
*Chair-Elect: (Chair-Elect term ending 2015) (Chair term ending 2017)	George Cobb Dept of Environmental Science Baylor University One Bear Place #97266 Waco TX 76798-7266	254-710-6556 (W) 254-652-5774 (C) 254-751-9138 (H) George_cobb@baylor.edu
*Immediate Past Chair: (Term ending 2015)	[Vacant]	
*Treasurer: (Term ending 2015)	Xiaoping Pan Department of Biology S210 Howell Science Complex East Carolina University Greenville NC 27858-4353	8063926034 (C) 252-328-5443 (W) panx@ecu.edu Home: 625 Stillwater Dr. Winterville NC 28590
Asst. Treasurer	Ruth Hathaway 1307 Stanford Dr. Longview TX 75601	903-238-8665 (H) 903-918-3794 (C) ruthhathaway@msn.com
*Secretary: (Term ending 2015)	Aditya (Ashi) Savara Chemical Sciences Division Oak Ridge National Laboratory P. O. Box 2008, MS-6201 Oak Ridge TN 37831-6201	865-576-6311 (W) 808-554-1942 (C) savaraa@ornl.gov Travelling: adityasavara2008@northwestern.edu
Asst. Secretary	Lindsey A. Welch Cedar Crest College Miller Bldg 2 Allentown PA 18104	610-606-4666 ext. 3615 lawelch@cedarcrest.edu
*Member at Large: (Term ending 2014)	Alexander Orlov Materials Science & Engineering Room 314 Old Engineering Stony Brook University Stony Brook NY 11794-2275	631-632-9978 (W) 631-632-8052 (F) 631-356-4675 (C) alexander.orlov@stonybrook.edu
*Member at Large: (Term ending 2014)	Allan Ford 952 Sound Harbor Cir Gulf Breeze FL 32563-3014	850-261-4466 (C) 850-934-6014 (H) fordam1@mchsi.com

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*Member at Large: (Term ending 2014)	Edward Kolodziej University of Nevada, Reno Department of Civil & Environmental Engineering/0258 Reno NV 89557	775-682-5553 (W) koloj@unr.edu
*Member at Large: (Term ending 2014)	Timothy Strathmann University of Illinois Dept of Civ/Env Eng 3230 Newmark Civ Eng Lab 205 N Mathews Ave Urbana IL 61801-2350	217-244-4679 (W) strthmnn@illinois.edu
*Councilor: (Term ending 2014)	Alan W. Elzerman 109 Morgan Dr. Central SC 29630	864-506-0888 (C) 864-653-6009 (H) awlzrmn@clemson.edu
*Councilor: (Term ending 2014)	Martha J.M. Wells Emerita Professor of Chemistry Tennessee Technological University Department of Chemistry Box 5055 Cookeville TN 38505	931-979-6808 (C) mjmwells@tntech.edu or info@envirochemservices.net
*Councilor: (Term ending 2015)	V. Dean Adams 1569 E 1260 N Logan UT 84341-2846	435-752-5156 (H) vdadams@unr.edu
*Councilor: (Term ending 2016)	Jurgen H. Exner 2 Waverly Ct. Alamo CA 94507	925-743-9804 (W) 925-743-1870 (F) 925-285-8822 (C) jexner@earthlink.net
*Alternate Councilor: (Term ending 2014)	George Cobb See page 1	
*Alternate Councilor: (Term ending 2014)	Kenneth E. Smith 824 Williamsburg Blvd. Downtingtown, PA 19335	702-869-9607 kesmithpa@gmail.com
*Alternate Councilor: (Term ending 2015)	Todd Anderson The Institute of Environmental and Human Health Texas Tech University P.O Box 41163 Lubbock TX 79409-1163	806-885-4549 (W) 806-885-4577 (F) todd.anderson@ttu.edu
*Alternate Councilor: (Term ending 2016)	Dionysios Dionysiou Dept. of Biomedical, Chemical and Environmental Engineering (DBCEE) 705 Engineering Research Center University of Cincinnati Cincinnati OH 45221-0012	513-556-0724 (W) 513-556-4162 (F) dionysios.d.dionysiou@uc.edu

AMERICAN CHEMICAL SOCIETY
Division of Environmental Chemistry

Executive Committee Members
Standing Committees

*Chair – Archival Committee	Vic Turoski 345 East Wisconsin Ave Neenah WI 54956	920-729-9281 (H) 480-215-7583 (C) victuroski@gmail.com
*Chair – Awards Committee	Todd Anderson See page 2	
Chair - Student Awards Subcommittee	Todd Anderson See page 2	
Members:	Pamela Rice	
Chair – Certificate of Merit Awards Subcommittee	Xiaoping Pan See page 1	
Members:	George Cobb, Alex Orlov, Hongxia Guan , Sophie Uchimiya (sophie.uchimiya@ars.usda.gov)	
Chair – Undergraduate Student Awards Subcommittee	Dionysios Dionysiou See page 2	
Members:	Steve Mezyk (smezyk@csulb.edu), Souhail Al-Abed	
Chair – Distinguished Service Award Subcommittee	Victor Turoski See page 3	
Members:	Kenneth E. Smith, Allan M. Ford	
*Chair - Budget and Finance Committee:	Xiaoping Pan See page 1	
*Chair - Long-Range Planning Committee:	Tracy Williamson See page 1	
*Chair – Membership Services Committee:	[open]	
*Chair – Nominating Committee:	Dean Adams See page 2	
*Program Chair: Fall Meetings:	Dionysios Dionysiou See page 2	
Spring Meetings:	Souhail Al-Abed U.S. EPA 26 W Martin Luther King Dr Cincinnati OH 45268-0001	513-569-7849 (W) 513-569-7879 (F) 513-831-0190 (H) al-abed.souhail@epa.gov

AMERICAN CHEMICAL SOCIETY
Division of Environmental Chemistry

***Chair – Publications/Publicity Committee** Jillian Goldfarb 617-353-3883 (W)
Boston University JillianG@bu.edu
College of Engineering
Dept. of Mechanical Engineering
15 S. Mary's St., Rm 142
Brookline MA 02446

***Chair - Social Affairs Committee:** Ruth Hathaway
See page 1

Other Appointed Committees or Positions

Appropriations Committee: Victor Turoski
Frank Amore amor3362@stthomas.edu
Jennifer Maclachlan pidgirl@gmail.com
Business Office Committee: Dean Adams, Jurgen Exner, Allan Ford

Business Office Manager: Peney Patton 806-781-1513 (C)
210 Cypress Court 254-751-9138 (F)
Woodway TX 76712 division@acsenvr.com

Centennial Committee: Allan Ford (co-chair), Jillian Goldfarb (co-chair), Souhail Al-Abed, George Cobb, Dion Dionysiou, Jurgen Exner Committee Consultants: Tracy Williamson, Hank Ramsey (hcrsc@mac.com), Ray Garant (r_garant@acs.org)

Editor – EnvirofACS Newsletter Jillian Goldfarb

Hancock Award Selection Committee: Dionysios Dionysiou (See page 2)
Sherine Obare sherine.obare@wmich.edu
Rafa Luque q62alsor@uco.es

International Activities Committee George Cobb, Dion Dionysiou, Souhail Al-Abed

Investment Committee: Alan Elzerman, Jurgen Exner, Ken Smith
Xiaoping Pan (ex officio)

Regional Meeting Coordinator [Open]

Speaker Expense Committee: Sherine Obare sherine.obare@wmich.edu

Webmaster: Aditya (Ashi) Savara

Liaisons

Liaison – ACS Biotechnology Secretariat: Dionysios Dionysiou
See page 2
and
Souhail Al-Abed
See page 3

AMERICAN CHEMICAL SOCIETY
Division of Environmental Chemistry

Liaison – ACS Committee on Environmental Improvement (CEI)	George Cobb See page 1	
Liaison – ACS Division Activities Committee	[Open]	
Liaison - ACS Local Section Activities Committee (LSAC)	Allan Ford See page 1	
Liaison – ACS Multidisciplinary Program Planning Group (MPPG)	Tracy Williamson See page 1	
Liaison – ACS Younger Chemists Committee	Wasiu Adedapo Lawal Doctoral Student University of Texas at Arlington Earth and Environmental Science P.O. Box 19049 Arlington TX 76019	wasiulawal79@yahoo.co.uk; wasiu.lawal@mavs.uta.edu
Liaison – AEESP (American Association of Environmental Engineering and Science Professors)	Dionysios Dionysiou See page 2	
Liaison – American Institute of Chemical Engineers (AIChE)	[open]	
Liaison - International Union of Pure and Applied Chemistry (IUPAC)	Larry H. Keith 329 Claiborne Way Monroe GA 30655-8406	770-267-2686 (H) 770-833-3115 (C) larrykeith@earthlink.net
Liaison – Environmental Chemist and Technician Certification Program	Ruth Hathaway See page 1	
Liaison - SETAC: (Society of Environmental Toxicologists and Chemists)	George Cobb See page 1	

AMERICAN CHEMICAL SOCIETY
Division of Environmental Chemistry

American Chemical Society
Useful Contacts

Chair - Committee on Environmental Improvement:	Matthew Fisher Department of Chemistry St. Vincent College Latrobe PA	Matt.fisher@email.stvincent.edu
Editor - Environmental Science and Technology	Jerald L. Schnoor ES&T Manuscript Office Department of Civil & Environmental Engineering 4317 Seamans Center University of Iowa Iowa City IA 52242-1527	319-335-5649 319-335-5056 (F) est@uiowa.edu
Managing Editor - Environmental Science and Technology	Matt Hotze Managing Editor Environmental Science & Technology American Chemical Society 1155 Sixteenth St., NW Washington DC 20036	800-227-5558 (202) 872-6984 m_hotze@acs.org

Website address:
acsenvr.com

Voting Members

Current quorum is 6 (1/3 of executive committee members constitutes a quorum).

- | | |
|-------------------------|-------------------------|
| 1. Tracy Williamson | 11. Alan W. Elzerman |
| 2. George Cobb | 12. Martha J.M. Wells |
| 3. Aditya (Ashi) Savara | 13. Todd Anderson |
| 4. Xiaoping Pan | 14. Dionysios Dionysiou |
| 5. Alexander Orlov | 15. Kenneth E. Smith |
| 6. Timothy Strathmann | 16. Vic Turoski |
| 7. Edward Kolodziej | 17. Ruth Hathaway |
| 8. Allan Ford | 18. Souhail Al-Abed |
| 9. Dean Adams | 19. Jillian Goldfarb |
| 10. Jurgen H. Exner | |

PRESS RELEASE

The Division of Environmental Chemistry is pleased to announce the 2014 Graduate Student Award in Environmental Chemistry winners:

Student	University	Advisor
Amanda Parra	Texas Tech University	Jaclyn Cañas-Carrell
David Hanigan	Arizona State University	Paul Westerhoff
Derek Vardon	University of Illinois	Timothy Strathmann
Devin Shaffer	Yale University	Menachem Elimelech
Jacob Lanphere	University of California-Riverside	Sharon Walker
Jessica Ray	Washington University Saint Louis	Young-Shin Jun
Jun Yin	University of Missouri	Baolin Dong
Li Tang	The Johns Hopkins University	Kai Loon Chen
Michael Mashtare	Purdue University	Linda Lee
Nanxi Lu	University of Illinois	Thanh Nguyen
Nirupam Aich	University of South Carolina	Navid Saleh
Peizhe Sun	Georgia Tech	Ching-Hua Huang
Si Zhou	University of Massachusetts Dartmouth	Yuegang Zuo
Wenxin Koh	University of Iowa	Keri Hornbuckle
Yanyan Gong	Auburn University	Dongye Zhao

The Division of Environmental Chemistry sponsors up to 25 annual awards to full-time graduate students currently enrolled in a United States educational institution in chemistry, environmental engineering or other programs emphasizing environmental chemistry. These students must have completed one full year of graduate study at their current institution by the date of announcement of the awards.

The award is based upon students' records in course work, evidence of research productivity and on statements from graduate faculty advisers. Primary emphasis will be given to the students' potential for future contributions as professionals in environmental chemistry. The application for the award is submitted by the graduate students' faculty advisor who may nominate only a single student. The student must be a member of the American Chemical Society and the student or advisor must be a member of the Division of Environmental Chemistry. Graduate students who receive the award will receive a one year membership in the Division of Environmental Chemistry and a cash award.

For further information contact: Todd A. Anderson, The Institute of Environmental and Human Health, Texas Tech University, P.O. Box 41163, Lubbock, TX 79409-1163, 806-885-4549 ext 231, todd.anderson@ttu.edu.

March 10, 2014
Peney Patton
Division of Environmental Chemistry
Business Office Manager
division@acsenvr.com

Division of Environmental Chemistry

CERTIFICATE OF MERIT RECIPIENTS

246th ACS National Meeting & Exposition, Indianapolis, IN – September 8-12, 2013

The Division of Environmental Chemistry Certificate of Merit is presented to the following first-time ENVR presenters at a national ACS meeting for presentations judged to be of high quality and relevant to the advancement of our understanding of environmental chemistry.

Rajasekhar Balasubramanian, Use of densified biomass for improving energy security and mitigating greenhouse gas emissions

Allison M. Bergquist, Bimetallic palladium-indium catalysts for treatment of nitrate in waste ion exchange brines

Yiling Chen, Complexation facilitated reduction of aromatic N-oxides by aqueous Fe(II)-EDTA complex: Reaction kinetics and mechanisms

Xiaodi Duan, Photochemical destruction of thyroid hormone

Nastaran Jadbabaei, Revisit sorption mechanisms of organic compounds on cation exchange resins.

Yan Kang, Incorporation of graphene oxide into the polysulfone matrix to enhance the performance of ultrafiltration membranes

Vikram Kapoor, Engineering bacterial efflux pumps: Applications in bioremediation of surface water

Elsie D. Kitcher, Reaction mechanism of the removal of NTO and DNAN from IM wastewater using bimetals

Quynh Nga Le, Effect of concentration and size of suspended sediment on nitrogen dynamics in freshwater ecosystem”

Hanyu Ma, Settling and sorption behaviors of colloidal carbon nanotube bundles

Rachel F. Marek, PCBs and OH-PCBs in serum from children and their mothers in urban and rural communities

Brittany O'Donnell, Reproductive toxicity and mechanism of ZnO nanoparticles in *C. elegans*

Joseph Ryan Polli, Investigating crude oil-dispersant mixture-induced reproductive toxicity and its mechanism in *Caenorhabditis elegans*

Annemarie D. Ross, Pedagogical benefits of the new ACS Climate Change Toolkit for deaf and hard-of-hearing laboratory technology students

Li Tang, Antimicrobial properties of polysulfone membranes modified with PAH/PAA multilayers and silver nanoparticles

Tiezheng Tong, Ecotoxicological effects of nanostructured titania to bacteria: Mechanistic insights of regulating factors

Elizabeth Wagoner, Electrocatalytic remediation of 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113) at a silver cathode

Zimeng Wang, Kinetics of oxidative UO₂ dissolution by soluble Mn(III)

Tong Wu, Minimizing nonmaterial release in Pickering emulsion-based oil-water separation

Cong Yu, Role of D-tyrosine on biofilm formation biofouling control

Chenyi Yuan, Diurnal kinetics of triplet-induced transformation of isoproturon in the presence of aromatic ketones and fulvic acids

Congratulations,

Tracy Williamson

ENVR Chair

March 10, 2014

The ACS Division of Environmental Chemistry Celebrates Its 100th Anniversary

During recent decades, the 5000 members of the Division of Environmental Chemistry have made great advances in understanding the fundamental science of global environmental systems, in developing solutions to diverse environmental concerns, and in informing the public of the need for change in multidisciplinary, environmental thinking. It is easy to forget that similar advances were made also in the beginning of the Division in 1913.

Perhaps a JACS proceedings sums it up best. "Prior to 1913, chemists evaluating water supplies, sewage disposal, and related subjects were presenting papers within several sections of the American Chemical Society and in the general session of the American Water Works Association. Chemists of neither group were satisfied, and the same was true of superintendents and engineers, and papers of interest to them were scattered among the more numerous papers on general chemical and bacteriological subjects at national meetings."¹

To answer this need, Professor Edward Bartow proposed the formation of a technical section within ACS that would be devoted to water problems. The Division was authorized by Council at the New Orleans meeting in 1914. ACS President Arthur D. Little appointed Professor Bartow as chairman. The first executive committee of the Division of Water, Sewage, and Sanitation Chemistry was elected in 1915.² In a reflection of society's growing needs and membership interest, the Division's name was changed to the Division of Water and Waste Chemistry in 1959 and to the Division of Water, Air, and Waste Chemistry in 1964. In 1973, the Division assumed its current name, the Division of Environmental Chemistry (ENVR).

Throughout its first century, ENVR took on the environmental challenges of the day. Focal areas of the past that are just as important today included development of sophisticated, new analytical techniques for identifying the presence of pollutants in the environment, assessing the potential adverse effects of environmental contaminants; understanding chemical transport and transformation in water, soil, and air; promoting the prevention of environmental pollution; and inspiring solutions to the restoration of environmental quality. This science-based focus and legacy has encouraged and supported the development of both cost-effective treatment technologies and replacements for chemicals of concern. More recently, the holistic integration of all these facets is influencing green and sustainable chemistry advances.

Many important advances in environmental chemistry have been facilitated through numerous strong internal and external linkages developed by ENVR and the multidisciplinary technical programs that resulted. Starting in 1954, for example, ENVR has regularly cosponsored symposia with the ACS Committee on Air Pollution (now the Committee on Environmental Improvement).³ ENVR also worked with the ACS Committee on Chemistry and Public Affairs on the "Cleaning Our Environment: the Chemical Basis for Action" published in 1969.⁴ ENVR has more recently engaged the international community through collaborations with IUPAC,

EuChemS, SETAC, and has fostered environmental development in the South Eastern European Environmental Conference.

Many groundbreaking technical advancements have been encouraged or recognized by prestigious publications, programs, and awards sponsored by Division of Environmental Chemistry. As in the beginning of the Division, the multidisciplinary nature of environmental progress led to dispersal of knowledge over many journals. ENVR was active in the launching of the ACS journal *Environmental Science & Technology* (ES&T) in 1967. The relationship between ENVR and ES&T has strengthened over the years and currently the ACS Award for Creative Advances in Environmental Science and Engineering is cosponsored by ENVR and ES&T. Other early career awards, including the Ellen Gonter award for outstanding research papers and the Merit award for first time presenters within ENVR sessions, the American Water Works Association Larson Aquatic Research Support Grants, and the Graduate Student Exchange Program with SETAC honor excellent students and early career professionals. The more recent Kenneth G. Hancock Memorial Undergraduate Fellowship represents an important collaboration between the Division, the National Institute of Standards & Technology (NIST), and the ACS Green Chemistry Institute.

As the Division begins another century of service to its membership, it continues to recognize the complex nature of environmental problems and strives to be the premiere global professional organization providing a dynamic, interactive, and integrated community for those applying chemistry to understanding and solving environmental and sustainability issues.

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Notes

Views expressed in this editorial are those of the author and not necessarily the views of the ACS.

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■ REFERENCES

- (1) *J. Am. Chem. Soc. Proc.* **1913**, 35, 63.
- (2) Bartow, E. The Division of Water, Sewage and Sanitation Chemistry. *Ind. Eng. Chem News Ed.* December **1939**, 17, 776.
- (3) Bramer, H. C. *Fifty Years in the Division of Water and Waste Chemistry*, preprint of papers presented at the 145th meeting of the American Chemical Society: New York NY, September 8–13, 1963; pp 1–6.
- (4) Swope, H. G. History of the Division of Environmental Chemistry, *Division of Environmental Chemistry Archives*, **1976**.

Treasurer's Report for 2013
Division of Environmental Chemistry
American Chemical Society
Executive Committee Meeting
Dallas, TX
March 2014

The Division concluded 2013 with \$39,718 in liquid assets and \$728,887 in investments/reserves. This represents a net increase of \$6814 in liquid assets and an increase of \$15,887 for investments/reserves. Our cash position places us in a good position as we move into the Centennial Year.

The surplus in Division checking accounts is largely due to expenses that were lower than budgeted and an unexpected symposium sponsorship of \$21,000. Those sponsorship funds were used to offset symposium costs. The total expenses of the Division were \$12,194 more than budgeted, but that is approximately half of the added outlay for the sponsored session. So excluding this unexpected session income and expense, the Division expenses were nearly \$11,000 below budget.

We continue to receive Innovative project grants through DAC. The Contribution from the Hancock family gapped into January of 2014. So that income line is blank.

National meeting expenses continue to comprise the vast majority of Division expenditures. Our Regional and local section support remains strong. We continue to engage internationally and are now engaging many early career members in these activities.

We have reestablished website upkeep.

Councilor travel was higher than anticipated due to one reimbursement from 2012 lapsing into 2013. Social activities at meetings were increased as were income from those events. Nearly \$4000 in reception expense for the Dallas meeting was incurred in the reception category in 2013.

American Chemical Society, Division of Environmental Chemistry
2012-13 Financials plus Proposed 2014 Budget

Category	2011 Budget Proposed	2012 Budget Proposed	2012 Budget Actual	2013 Budget Proposed	2013 Budget Actual to date	2014 Budget Proposed	
INCOME							
2. MEMBERSHIP & DUES & ASSESSMENTS							
(2D) ACS Allotment	42,000	42,000	48,779	42,000	49,971	42,001	
TOTAL ACS Allotments	42,000	42,000	48,779	42,000	49,971	42,001	
(2ABC) Dues							
(2A) ACS Feb Dues	29,000	29,000	28,296	29,000	27,332	29,000	
(2B) ACS Aug Dues	22,000	22,000	22,275	23,000	25,573	23,000	
Membership Commission	100	100	6,733	100		2,500	
via Mail and Meetings	300	300	35	300		300	Meetings has been 0
TOTAL Dues	51,400	51,400	57,339	52,400	52,905	54,800	
TOTAL Dues & Assessment Income	93,400	93,400	106,118	94,400	102,876	96,801	
1. CONTRIBUTIONS							
(1A) Meeting Grants							
NIEHS	5,000	0	0	0	21,000	0	
TOTAL Meeting Grants	5,000	0	0	0	21,000	0	
(1B) Awards							
Dinner Sponsorship				1,000		1,000	
Reception Sponsorship				2,000	1,000	2,000	ES&T sponsorship of rece
Hancock Award Contributions	2,000	2,000	4,000	2,000		2,000	Dinae Hancock check arri
TOTAL Awards	2,000	2,000	4,000	5,000	1,000	5,000	
(1E) ACS Innovative Project Funding	7,500	10,500	0	10,500	7,500	12,500	Parsed from Sponsorship
TOTAL Innovative Project Funding	7,500	10,500	0	10,500	7,500	12,500	
(1F) Donations							
Sponsorship	2,500	2,500	5,153	2,500	1,433	3,500	External funding from pr
TOTAL Donations	2,500	2,500	5,153	2,500	1,433	3,500	
(1G) Other Contributions							
Other Income							We have had these in m
Poster Session Contributions							
TOTAL Other Contributions	0	0	0	0	0	0	
(1H) Councilor Travel	8,272	8,272	5,933	9,600	4,204	9,600	
Other Councilor Related Income							
TOTAL Councilor Travel	8,272	8,272	5,933	9,600	4,204	9,600	
TOTAL Contribution Income	25,272	23,272	15,086	27,600	35,137	30,600	
4. PUBLICATIONS							
Preprints	0	0	0	0	0	0	

American Chemical Society, Division of Environmental Chemistry
2012-13 Financials plus Proposed 2014 Budget

Category	2011 Budget Proposed	2012 Budget Proposed	2012 Budget Actual	2013 Budget Proposed	2013 Budget Actual to date	2014 Budget Proposed	
TOTAL Publication Income	0	0	0	0	0	0	
6. INVESTMENT INCOME (Interest & Dividends)							
TOTAL Investment Income	0	0	0	0	0	0	
8. ROYALTIES	5,000	5,000		5,000	1,860	5,000	
ACS Books	0	0		0	2,364	0	
CRC Press	0	0		0	0	0	
Taylor and Francis	0	0	130	0	0	0	
Oxford University Press	0	0	2,349	0	0	0	
Oxford for Hancock Fund	0	0	904	0	0	0	
TOTAL Royalties	5,000	5,000	3,383	5,000	4,224	5,000	
13. ALL OTHER REVENUE - Socials							
ENVR Receptions	4,000	6,000	1,000	1,500	1,580	1,500	EST Sponsorship parsed 1
ENVR Dinners	2,000	2,000	320	3,000	2,700	3,000	
TOTAL All Other Revenue - Socials	6,000	8,000	1,320	4,500	4,280	4,500	
TOTAL INCOME	129,672	129,672	125,907	131,500	146,517	136,901	
3. INCOME from SELF-SUSTAINING ACTIVITIES							
TOTAL Income from Self-Sustaining Activities							
5. CONFERENCES/WORKSHOPS/MEETINGS							
TOTAL Income from Conferences							
7. CAPITAL GAIN (LOSS)							
TOTAL Net Gain or Loss							
9. RENTAL INCOME or (LOSS)							
TOTAL Rental Income or (Loss)							
10. INCOME FROM FUNDRAISING EVENTS							
TOTAL Income from Fundraising Events							
11. INCOME FROM GAMING ACTIVITIES							

American Chemical Society, Division of Environmental Chemistry
 2012-13 Financials plus Proposed 2014 Budget

Category	2011 Budget Proposed	2012 Budget Proposed	2012 Budget Actual	2013 Budget Proposed	2013 Budget Actual to date	2014 Budget Proposed
<i>TOTAL Income from Gaming Activities</i>						
12. SALES OF INVENTORY...						
<i>TOTAL Sales of Inventory, etc.</i>						
14. TOTAL MISC. REVENUE						
<i>TOTAL Misc. Revenue</i>						

American Chemical Society, Division of Environmental Chemistry
2012-13 Financials plus Proposed 2014 Budget

Category	2011 Budget Proposed	2012 Budget Proposed	2012 Budget Actual	2013 Budget Proposed	2013 Budget Actual to date	2014 Budget Proposed	
EXPENSES							
4. NATIONAL MEETING EXPENSES							
							formerly "Program"
(4A) Speaker Fees and Per Diem					541		
(4B) Guest Registration/ Travel	5,000	5,000		5,000	593		
(4C) Speaker Breakfast/Lunch/Dinner						3,000	
(4D) Other Speaker Costs					5,182		
(4E) Planning Expenses							
(4F) Social Events						1,000	
(4G) Audio-Visual	1,000	1,000		1,000			
(4H) Other							
Centennial					277	24,000	Increased for centennial
Other On Site Expenses	150	150	10,175	150	1,000	150	
TOTAL Other	150	150	10,175	150	1,277	24,150	
Organizers							
Speaker Expense Fund	20,000	20,000	8,470	20,000	35,786	20,000	
Co-sponsored events	1,000	1,000	1,000				
TOTAL Organizers	21,000	21,000	9,470	20,000	35,786	20,000	
Program Chair							
Business Office - Patton		3,000		6,000		6,000	
Post Doc Reception		500	1,000	500		1,000	See Receptions below
TOTAL Program Chair	0	3,500	1,000	6,500	0	7,000	
TOTAL National Meeting Expenses	27,150	30,650	20,645	32,650	43,379	55,150	
7. PUBLICATION EXPENSES							
ENVR Web Page	5,000	5,000		4,000	5,000		Carryover completed
Staff+other	1,000	1,000	2,675	1,000		2,000	
Web Server	600	600	270	600			
TOTAL Web Page	6,600	6,600	2,945	5,600	5,000	2,000	
TOTAL Publication Expenses	6,600	6,600	2,945	5,600	5,000	2,000	
8. CONFERENCES/WORSHOPS/MEETINGS							
Conference & Committee Dues	100	100		100			
Inter Society Collaboration	1,500	1,500		1,500		1,500	
Pacifichem							
Green Chemistry Conference	2,000	2,000		2,000	1,000	2,000	Session Sponsorship
International Conferences	13,000	8,000		10,000	7,569	16,000	Increase to allow intersoci
Regional ACS Meetings	8,000	8,000	5,677	8,000	2,500	8,000	

American Chemical Society, Division of Environmental Chemistry
2012-13 Financials plus Proposed 2014 Budget

Category	2011 Budget Proposed	2012 Budget Proposed	2012 Budget Actual	2013 Budget Proposed	2013 Budget Actual to date	2014 Budget Proposed	
Councilor Travel	9,000	9,000	6,078	9,600	11,396	9,600	
TOTAL Conferences Expense	33,600	28,600	11,755	31,200	22,465	37,100	
9. ADMINISTRATIVE EXPENSES							
(9A) Officers/Executive Committee	600	600		600		600	From Parse of Patton Sale
Treasurer's Office Expenses	100	100	16	100	87	3,100	Includes Financial Review
Travel - Division Leadership Conf	1,000	1,000	443	2,500		2,500	For new leaders and office
TOTAL Officers/Executive Committee	1,700	1,700	459	3,200	87	6,200	
(9B) Committees							
Dues	100	100		100			Directorate dissolved
TOTAL Committees	100	100	0	100	0	0	
(9C) Councilors					4,906		
(9D) National Meeting Travels/Meals							
Travel (Officers/Executive Committee)	4,500	4,500	5,664	4,500	4,906	6,000	
Travel (Committees)	0	0	0	0	0	0	
Travel (Program Chair)	5,500	5,500	7,579	5,500	2,470	5,500	
Travel (Staff)		2,800	3,099	2,800	1,203	2,800	
TOTAL National Meetings Travel/Meals	10,000	12,800	16,342	12,800	8,579	14,300	
(9E) Communications (postage, telephone, etc.)							
Telephone (Officers/Executive Committee)	50	50					No longer charged
Telephone (Business Office)	450	450		450		40	
Postage & Shipping (Officers/Executive Committee)	200	200		200		25	
Postage & Shipping (Business Office - Members)	4,200	4,200	1,830	4,200	2,320	1,500	Decreases since no paper
Shipping (Business Office - National Meetings)	250	250	17	250		100	
TOTAL Communications	5,150	5,150	1,847	5,100	2,320	1,665	
(9F) DLC/P2C2 Expenses	900	900		1,200	572	1,200	
(9G) Office Supplies & Operations (Bus. Office)							
Archives (Bus. Office)	300	300		300		200	
Copies (Officers/Executive Committee)	100	100	115	100	159	10	
Copies (Bus Office)	100	100	202	100	100	100	
Printer							
Supplies (Officers/Executive Office)	500	500		200		50	Seldom used
Supplies (Bus. Office)	1,000	1,000	1,400	1,000	2,236	1,000	
Membership Activities	3,000	3,000		3,000	346	0	Merged into Staff salary
Ballots							WILL DISAPPEAR
Postage			4,561		1,346		WILL DISAPPEAR
Ballot envelopes			264				WILL DISAPPEAR

American Chemical Society, Division of Environmental Chemistry
2012-13 Financials plus Proposed 2014 Budget

Category	2011 Budget Proposed	2012 Budget Proposed	2012 Budget Actual	2013 Budget Proposed	2013 Budget Actual to date	2014 Budget Proposed	
Election					300	300	WILL DISAPPEAR
Abstracts (?)							WILL DISAPPEAR
Misc Staff Salary	6,000	6,000	19,200	19,000	19,026	16,000	Altered to consolidate in
TOTAL Bus Office	11,000	11,000	25,742	23,700	23,513	17,660	
(9H) Other - Administrative Fees	0	0	0	0	0	0	
Bank charges	0	0	354	200	264	200	
Legal Fees	0	0	0	0	0	0	
2008 Form 990 CPA Preparation	750	750		950	950	1,000	
TOTAL Other - Administrative Fees	750	750	354	1,150	1,214	1,200	
TOTAL Administration	29,600	32,400	44,744	47,250	41,190	42,225	
10. OTHER EXPENSES - Social							
Division Dinner	3,000	3,000	6,852	3,000	3,900	6,000	
Plaques	50	50		100	100	100	
Student Awards	50	50		50	55	50	
Student Award Dinners							
TOTAL Division Dinner	3,100	3,100	6,852	3,150	4,055	6,150	
Division Receptions							
Meeting Reception	5,000	6,000	5,000	5,000	12,884	8,000	
Exec Committee	800	800	750	800	604	800	
TOTAL Receptions	5,800	6,800	5,750	5,800	13,488	8,800	
TOTAL Other Expenses - Social	8,900	9,900	12,602	8,950	17,543	14,950	
11. Awards Expenses							
Administration							
Certif of Merit Chair Travel	1,000	1,000	500	1,000	668	1,000	
Gonter Chair Travel	500	500	240	500	61	500	
Telecommunications	200	200		100			Never charged
Postage	50	50		50		50	
Copies	1,000	1,000	82	1,000		800	
Supplies	50	50		50		50	
TOTAL Awards Administration	2,800	2,800	822	2,700	729	2,400	
Gonter Award	7,000	7,000	6,000	7,000	5,000	7,000	
Graduate Student	3,000	3,125	2,625	3,125	3,125	3,125	
Sponsored Session: Student Awards			3,000		1,000	0	
CEU Grants	5,000	5,000		2,000		1,000	Continued decrease until f
SETAC Exchange	1175	1175	1525	1175		1,175	
Creative Advances	8,000	8,000	2,894		4,225		ES&T to cover

American Chemical Society, Division of Environmental Chemistry
2012-13 Financials plus Proposed 2014 Budget

Category	2011 Budget Proposed	2012 Budget Proposed	2012 Budget Actual	2013 Budget Proposed	2013 Budget Actual to date	2014 Budget Proposed	
High School			590				
Community and K-12 Outreach	450	0	0	0	0	2,000	
Hancock Award (paid from Hancock Fund)	2,000	2,000	1,000	2,000	1,000	2,000	
Undergrad Green Chem Registration	0	0	0	0	0	0	
Undergrad Green Chem Dinner	0	0	0	0	0	0	
TOTAL Awards Expenses	29,425	29,100	18,456	18,000	15,079	18,700	Actual difference from Qui
TRANSFER TO INVESTMENT							
TOTAL EXPENSES	135,275	137,250	111,147	143,650	144,656	170,125	
BALANCE	-5,603	-7,578	14,760	-12,150	1,861	-33,224	

Spending by Category - Last year
1/1/2013 through 12/31/2013

3/2/2014

Page 1

Category	1/1/2013- 12/31/2013
Uncategorized	30.00
Administration	51,810.92
Administrative Fees	1,183.80
2005 Form 990 CPA Prep	950.00
Bank charges	143.80
Other Administration:Administrativ...	90.00
Bus Office-Member Activities	22,906.56
Conferences	22,215.32
Executive Committee	5,483.24
Other Administration	22.00
Awards Expenses	15,677.43
Administration	660.00
Creative Advances	4,224.51
Gonter Award	5,000.00
Graduate Student	3,125.00
Hancock Award	1,000.00
Merit Award Chair	667.92
session Awards	1,000.00
Business Office	60.50
Other Business Office	60.50
Inter Society Coordination	5,697.20
Program	49,596.36
National Meeting	8,502.66
Organizers	37,151.41
Program Chair	3,042.29
Travel	3,042.29
Theme speaker	900.00
Publications (Expense)	5,000.00
Web Page	5,000.00
Social Expenses	16,784.20
Division Dinner	3,900.00
Receptions	12,884.20
Other Social Expenses	0.00
OVERALL TOTAL	144,656.61

ACS Division of Environmental Chemistry -- Business Office Report

March 2014

The last few months have been very busy ones for the business office, with centennial preparations, 3 large meetings in a row, and some software changes at ACS. Below are notes on several key areas:

Member Communications

ACS has shifted its mass mailing procedures from in-house staff to a contractor. This shift enabled the Division to send our member communications directly from the business office, which speeds up the process.

Thanks to Jillian Goldfarb, the envirofACS e-newsletter is going out on a regular basis. Service certificates will be sent out to members in June, commemorating their 5-year anniversaries with the division.

Outreach

I had opportunities to promote the Division at the SETAC North America annual conference in November and at the 14th European Meeting on Environmental Chemistry in Budva, Montenegro, in December. I hope to participate in two *ACS on Campus* events in April to promote the Division to students at Texas A&M University and the University of Texas.

Social Events

In Indianapolis, the ENVR Dinner was held at Shula's Steakhouse. Some confusion surrounded ticket sales because ACS accidentally switched tickets for our dinner and the ENFL dinner, which was held on the same night, but we were able to straighten it out on-site and accommodate all 55 attendees. The net cost to the division was \$1140.

The Dallas ENVR Reception will be held at the Old Red Museum, a Dallas landmark, on Tuesday, March 18, 6:00-7:30 pm. Tex-Mex cuisine will be catered by Pappas Catering. We expect to sell 100 tickets.

We have two additional cupcake socials in Dallas to celebrate the Division's anniversary. The cupcake socials will be in the same venue as our technical sessions on Sunday and Wednesday, 5-6 pm. The goal of these socials is to provide an informal setting for interaction among attendees. Sunday and Wednesday were chosen to avoid the Monday-Tuesday peak demand for rooms and to hopefully allow two sets of audiences (those at the beginning of the week and those at the end) to attend. Most of the symposia in the Dallas program are short, so we will likely serve separate audiences. We also plan to hold cupcake socials in San Francisco, depending on their popularity in Dallas.

Because of the ENVR Centennial, we will hold a reception at the fall 2014 meeting instead of a dinner. Todd Anderson will give out the C.E. Gonter Awards at the reception. The reception location has not yet been determined. ES&T journal is sponsoring both 2014 receptions and will be bringing 25 editors to each reception. Additional sponsors are needed for the San Francisco reception.

The next ENVR Organizers' Lunch will be in San Francisco. This event has become very popular with organizers, many of whom have expressed their appreciation for the meal and the opportunity to interact with each other. Organizers for the current, immediate past and immediate future meetings are invited to each lunch, so our programming team can be strengthened and developed over time as well as within each meeting. ACS Books representatives also attend the lunches to explain and answer questions about the ACS symposium series publication process.

Jillian Goldfarb lives in Boston and has volunteered to lead the search for a dinner venue for the fall 2015 ACS meeting.

Indianapolis meeting

I am glad to have the Indianapolis meeting behind us! Our programming was robust (369 abstracts) and well attended (average 30 persons/session) for what was overall a small ACS meeting (10,891 attendees) but the venue was less than ideal. The hotel was under construction and adjacent to a train station, so our attendees had to contend with noise and nauseating fumes. Once again, our members have proven their unwavering dedication to the pursuit of environmental science!

Dallas Meeting – Centennial

The Dallas program includes 440 abstracts spread over 17 symposia. Most symposia will last one day, but "Nanotechnology for Sustainable Resources and Environmental Science" will run all week. Over 100 abstracts were submitted to the nanotechnology symposium. Our Dallas programming team includes several first-time organizers. I am pleased that we are involving more members and volunteers, although training new organizers meant I spent more time on Dallas than I expected.

Both centennial meetings include keynote speakers, which add duties for the business office in terms of sponsored registrations, tracking reimbursements, and increased publicizing of the speakers.

We have successfully set up a mechanism with ACS Meetings & Expositions staff whereby AEESP members can register for ACS National Meetings at the same rate as ACS members. This arrangement is a term of the Memorandum of Agreement between ENVR and AEESP.

San Francisco 2014 Meeting – Centennial

Abstract submission is still open for the San Francisco meeting, and I estimate the ENVR program will receive about 800 submissions. The centennial program, which includes 35 symposia, involves a slightly different format than usual: Each symposium (with a few exceptions) will only run 1 day, so we anticipate a larger ratio of posters to oral presentations. We received more symposium requests than could be accommodated in San Francisco, and Dion Dionysios has deferred several to the fall 2015 (Boston) meeting. He has also suggested that San Francisco organizers consider continuing their symposia in the 2015 meetings since space and time are limited for oral presentations in San Francisco. Organizers are already planning several ACS symposium series books.

ENVR will be co-located in the Marriott Marquis with the IUPAC Pesticide Congress and I have been coordinating with ACS staff and the IUPAC/AGRO program chair on room assignments. If

we have less than 300 posters, we may hold the ENVR poster session in the hotel and combine it with the Wednesday cupcake social.

Elections

The ENVR secretary, Ashi Savara, is now conducting Division elections electronically. The business office assists by ordering the mailing list from ACS and mailing paper ballots to members without email addresses or who opt out of promotional mailings.

New Abstract Submission System

ACS will replace PACS with a new abstract submission system for the spring 2015 meeting. I participated in testing the new system and I think it will bring several improvements to the process. ACS will offer training sessions later this year.

Operations Manual

Operations manual updates are on hold until after the Centennial celebration.

Peney Patton
Business Office Manager
ACS Division of Environmental Chemistry
March 1, 2014

ENVR

	<u>2006:ATL/SF</u>	<u>2007:CHI/BOS</u>	<u>2008:N.O./PHI</u>	<u>2009:S.L./DC</u>	<u>2010:SF/BOS</u>
1a. Members as of 12/31 (per year)*	5,198	4,997	4,952	4,788	5,041
1b. Overall ACS Membership	160,491	160,053	154,024	161,783	163,111
2 ACS Member Division Dues	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00
3 Annual Allocation from ACS	\$22,569.14	\$41,205.62	\$34,774.56	\$36,909.34	\$40,247.57
4 Financial Year End Balance**	\$438,270.00	\$464,806.00	\$484,320.04	\$449,785.93	\$522,618.75
5 Oral Symposia					
Spring Meeting	5	8	4	11	15
Fall Meeting	9	9	9	8	11
6 Papers Presented					
Spring Meeting	238	244	290	249	558
Fall Meeting	278	214	183	230	349
Division Members Attending					
7 National Meeting					
Spring Meeting	291	397	263	273	526
Fall Meeting	353	241	219	267	306
8 Max. Oral Session Rooms Used***					
Spring Meeting	2	2	3	2	4
Fall Meeting	3	2	2	2	3

*Data taken from division allocation worksheets

**Financial information taken from FORMS, financial form, "investments & assets", "end of year" tab.

***Only Monday room usage counted. Assumption: Monday= max. usage for the week. If no programming took place on Monday, Tuesday session rooms were counted.

<u>2011:ANA/DEN</u>	<u>2012:SD/PHI</u>
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5,077	4,874
164,215	163,322
\$15.00	\$15.00
\$46,903.02	\$48,779.26
\$607,434.00	\$652,203.00

14	18
2	16

328	568
489	360

321	255
347	243

4	4
8	3

To: ACS Division of Environmental Chemistry Executive Committee

From: ENVR Appropriations Committee (Vic Turoski, Frank Amore, and Jennifer Maclachlan)

Re: Requests for Financial Support to be reviewed at the ACS Spring Meeting – Dallas - March 16-20, 2014

Date: 01 March 2014

Only one request for ENVR financial support has been received and is due for consideration by the ENVR Executive Committee at the March 2014 ACS National Meeting:

ENVR Appropriations Request

Information for use by the ACS Division of Environmental Chemistry Executive Committee to approve or deny your request for support.

Support Requested: \$500-\$1000

Event Host Organization (Include contact name, position, email, phone):

FL ACS "FAME-2014" Conference organizer:

Dr. Nelly N. Mateeva, Associate Professor

Department of Chemistry, Florida A&M University

Tallahassee, FL 32307

tel (850)412-5662; nelly.mateeva@famu.edu; nellymateeva@yahoo.com

Event Name: Florida Annual Meeting and Exposition: FAME-2014

Event Dates: May 8-10, 2014

Event Included in an ACS Meeting? YES NO National Regional Local

Nature of Event: The annual FL ACS "FAME" conference includes sessions on Environmental Chemistry that I am organizing and advertising. FL ACS will support up to \$500 for these sessions (depending on how many abstracts are submitted), and I would like to offer travel and meeting cost funds to encourage undergrad and grad students to participate. The Environmental Chemistry sessions are mostly oral presentations (great exposure for students).

Proposed Use for Support: To help support undergrad and grad student travel to the conference (gas money, hotel and meal costs, conference registration). Registration costs are minimal for students (\$40). Hotel rooms are heavily discounted at the Innisbrook resort/conference center (about \$120 per night for multiple occupancy) and students are encouraged to share rooms. All rooms have full kitchens, so students can avoid some expensive restaurant meals. Most students would drive to the conference,

so travel funds would involve gas money, not airfares. I propose to distribute the funds based on distance to the conference (for gas money) and shared room and food costs.

If approved, payment information:

Payee: William M. Landing

Mail Check to: 304 Timberlane Road, Tallahassee, FL 32312

The Appropriations Committee has reviewed the request and recommends that it be accepted. The consensus of the committee is that a \$1000 grant be approved. Jennifer originally proposed an \$800 grant but after consultation agreed to a \$1000 recommendation.

Jenifer's assessment of the request reflects the view of our committee very well and is cited below:

07 February 2014

Hi Vic and Frank,

After reviewing this request from Dr. Mateeva, it is my opinion that we should move forward and support this funding request for the following reasons: 1) [FAME 2014 has an Environmental Chemistry program track](#) 2) The requester is the 2014 FAME meeting organizer and therefore oversees the Technical Program 3) Affording students the opportunity to present their research at a conference is important for their individual academic career as well as retaining their interest in chemistry and thereby pursuing a career in chemistry 4) According to the request form, students who receive the proposed travel funds might be considered for the Environmental Chemistry *oral* sessions.

I would propose ENVR provides \$800.00 which would allow for 5 students to have 1 night hotel at \$120/night and \$40/registration fees paid. The balance of the expenses including hotel taxes, meals, gas etc. could be paid from Dr. Mateeva's FAME session allotment she describes in her proposal. I would specify to Dr. Mateeva that these funds are to be utilized for students who are presenting on the Environmental Chemistry track and/or on the subject of Environmental Chemistry in the poster session. I would also ask her to send photos from the event for the newsletter/web site and a short written report.

Questions I have for the committee: Do you know Dr. Mateeva? Is she a member of the Division? Has she previously asked for funding?

Looking forward to seeing you in Dallas. I will be attending the ENVR Sunday evening meeting.

Best Regards,
Jennifer Maclachlan, Managing Director
PID Analyzers, LLC

Report Submitted by:

Vic Turoski

Frank Amore

Jennifer Maclachlan

The ENVR Appropriations Committee Modus Operand and the Guidelines for ACS Division of Environmental Chemistry(ENVR) Financial Donations are provided below as a reference

ENVR Appropriations Committee Modus Operand:

~ As the requests for support arrive, whoever receives the requests will forward them to Vic Turoski (victuroski@gmail.com) or Frank Amore (frank.amore@comcast.net)

~ The committee will collate the requests, make sure that they are put on the standard form, evaluate the requests, decide on a recommendation with respect to approve/not approve, and forward the completed request forms along with a report to the ENVR Exec Committee. The Exec Committee will make the final decision to approve/not approve the requests and decided the dollar amount of support.

~ The ENVR Chair (in this case Hank Ramsey) will then issue a congratulatory note to those requestors who gained approval or a regret note to those requestors who did not.

Guidelines for ACS Division of Environmental Chemistry (ENVR) Financial Donations

These guidelines should be used to determine the appropriateness and the extent of ENVR donations to other organizations

- ✓ The requesting organization should have goals similar to those of ENVR:
 - To increase the knowledge of base of chemistry in general and environmental chemistry in particular
 - To increase the awareness of environmental chemistry to the public at large
 - To assist and promote the pursuit of chemistry by deserving students

- ✓ The requesting organization must submit a written request to ENVR citing the amount required. This request should include a description of how the ENVR donation will be used and describe the proposed benefit(s) that the donation will affect.



Chemical Institute of Canada | *For Our Future*

July 14, 2013

To: Dionysios (Dion) D. Dionysiou, Ph.D.
ACS Division of Environmental Chemistry, Program Chair
Professor of Environmental Engineering, Center of Sustainable Urban Engineering
School of Energy, Environmental, Biological, and Medical Engineering (SEEBME)
705 Engineering Research Center, University of Cincinnati
Cincinnati, OH 45221-0012

Re: Invitation to ACS – ENVR Division to Joint International Symposium at CSC 2014

Dear Dion:

We are pleased to invite the Division of Environmental Chemistry of the American Chemical Society to participate in a Joint International Symposium at the Canadian Society of Chemistry (CSC) conference to be held June 1 – 5, 2014 in Vancouver, Canada.

Our objective is to enhance the interactions between ACS Environment and CIC Environment Divisions and to enable the chemists from the ACS – ENVR to work with colleagues in the CIC as co-organizers to build a strong scientific program of invited and contributed talks. This is also an opportunity to develop future collaborations among colleagues in both ACS and CIC. We have tentatively identified a symposia titled **Chemicals of Emerging Concern**, with an emphasis on the occurrence, persistence and effects of a broad range of emerging contaminants including their fate and toxicity (co-organized by Jon Martin, Jon Benskin, and Bill Mitch) as a good candidate for such a joint initiative. It is understood, that funding to subsidize invited speakers is limited and that the co-organizers would be working together to find sponsors to support this initiative.

We look forward to working together with the ACS to build a strong scientific program for the 2014 CSC conference. Please feel free to contact us, if you have any questions or concerns.

Sincerely,

Erik Krogh (Erik.Krogh@viu.ca) and Chris Gill (Chris.Gill@viu.ca)
CIC Environment Division Program Chairs 2014

On behalf of Daniel Leznoff, CSC2014 Scientific Program Chair

Cc:

Xing-Fang Li, President, CIC Environment Division
Daniel Leznoff, CSC2014 Scientific Program Chair



Chemical Institute of Canada | *For Our Future*

December 6, 2013

AMERICAN CHEMICAL SOCIETY
Division of Environmental Chemistry
Executive Committee Members

Re: Request for Sponsorship of *Contaminants of Emerging Concern* session at CSC 2014, Vancouver

Dear George Cobb and ACS Colleagues,

On behalf of the Environment Division of the Chemical Institute of Canada, we are writing to request that you consider financial sponsorship of our session on ***Contaminants of Emerging Concern*** at the 97th Canadian Chemistry Conference and Exhibition held June 1 – 5, 2014 in Vancouver, Canada.

The conference theme is “*Chemistry from Sea to Sky*” and the Environment Division is pleased to have assembled a strong symposium which includes such topics as Emerging Contaminants, Environmental Mass Spectrometry, Chemistry of Sea and Sky, Environmental Chemistry in the Oil Sands, Metals and Metalloids in the Environment and Current Topics in Environmental Chemistry. As you know, our session on *Chemicals of Emerging Concern* is jointly organized with the American Chemical Society (ACS), thus a number of prominent North American environmental chemists will be present. A list of confirmed speakers includes: Michael Plewa (U Illinois), Michael Dodd (U Washington), Chris Higgins (Colorado State), Cora Young (Memorial U), Edward Kolodziej (Nevada - Reno), Chris Metcalfe (Trent), Jinxia Liu (McGill), Xing-Fang Li (U Alberta), Miriam Diamond (U Toronto).

We are writing to request a financial contribution of \$200-\$2000 to assist us in funding student awards, or small travel grants for invited speakers. Some of our younger academic invited speakers in the US are unable to attend without any travel support, thus your consideration of possible financial support is appreciated. We believe that the CIC conference in Vancouver will provide an excellent opportunity to promote ACS Environment Division to a North American audience. See the attached summary of the Sponsorship Benefits, which will include your logo on the sponsor page of the conference website, program book and in the seminar rooms of the Environment Division symposia.

Please let us know if you are able to contribute at any level, and our Treasurer will follow up with an invoice and request for your corporate logo for promotional purposes. Feel free to contact us if you have any questions.

Sincerely,

Jonathan Martin (U Alberta) on behalf of my CSC and ACS co-chairs:

Jonathan Benskin (Axy's Analytical), **Bill Mitch** (Stanford U), and **Dion Dionysiou** (U Cincinnati)



97th Canadian Chemistry Conference and Exhibition

VANCOUVER, B.C.

June 1-5, 2014

CHEMISTRY FROM SEA TO SKY

Sponsorship Benefits

The 97th Canadian Chemistry Conference and Exhibition, the premier event of the Canadian Society for Chemistry (CSC), is the largest annual national event for chemical professionals. It is the venue where individuals from academia, industry and government meet to make contacts, exchange ideas and acquire knowledge and share their unique perspectives on important topics such as energy, climate change, green chemistry, innovation and commercialization, the environment and life sciences/medicinal chemistry. Find out more at www.csc2014.ca.

One of the many ways your company can become involved is through sponsorship. Have your company recognized as a sponsor of Canada's largest chemistry conference in 2014, in one of the following categories.

Sponsorship Level	Recognition
Gold \$10,000 plus	<ul style="list-style-type: none"> • Be recognized as the exclusive sponsor of a special event (e.g. Awards Banquet, Opening Reception, Plenary Speaker)* • Full page colour ad in the program book • Strategically placed banner ad on conference website • Logo on every page of the conference website • Logo on sponsor page of the program book • Logo on-screen in session rooms and on conference signage • Logo on "CIC Live Learning Centre" website which houses videos of conference presentations.
Silver \$5,000 plus	<ul style="list-style-type: none"> • Be recognized as a sponsor of conference coffee breaks* • Half page colour ad in the program book • Banner ad on conference website • Logo on sponsor page of the conference website • Logo on sponsor page of the program book • Logo on-screen in session rooms and on conference signage
Bronze \$2,000 plus	<ul style="list-style-type: none"> • Be recognized as a sponsor of Poster Session Receptions* • Banner ad on conference website • Logo on sponsor page of the conference website • Logo on sponsor page of the program book • Logo on-screen in session rooms and on conference signage
Supporter Up to \$2,000	<ul style="list-style-type: none"> • Logo on sponsor page of the conference website • Logo on sponsor page of the program book • Logo on-screen in session rooms and on conference signage

* Special Events, Coffee Breaks and Poster Receptions recognition applies to general conference sponsorships. Division or Symposia Sponsors will be recognized in the event or symposium they have sponsored.

Sponsorship does not include complimentary exhibition spaces or registration passes.

AGREEMENT OF MUTUAL COOPERATION

This Agreement of Mutual Cooperation ("Agreement") is made this 7th day of November, 2013, by and between the Environmental Division of the American Chemical Society ("ACS") and the Environmental Division of the Serbian Chemical Society ("Serbia"), further denoted in the text as "the Parties". The Parties intend to engage in scientific cooperation on matters of mutual interest and concern, including cooperation in the scientific fields of chemistry and environmental protection.

Article 1. The Goals of this Agreement. The Parties agree:

- 1.1 To work together in good faith to coordinate scientific investigations within the scope of this Agreement;
- 1.2 To exchange scientific and technical information as may be appropriate;
- 1.3 To coordinate the participation of associates, graduate and undergraduate students from the United States and Serbia in joint and individual projects as may be developed from time to time;
- 1.4 To publish the results of joint projects in appropriate professional journals;
- 1.5 To organize joint expeditions to gather environmental samples for joint investigations;
- 1.6 To organize joint seminars, conferences and other professional meetings as may be appropriate within the scope of this Agreement.

Article 2. Activities Within the Contemplation of this Agreement. The Parties contemplate that the following activities may fall within the scope of this Agreement:

- 2.1 Sustainable development;
- 2.2 Life cycle assessment;
- 2.3 Risk assessment;
- 2.4 Green chemistry;
- 2.5 Soil contamination; depollution technologies;
- 2.6 Ecotoxicology;
- 2.7 Water treatment;
- 2.8 Biodegradation of toxic compounds;
- 2.9 Industrial clean technologies;
- 2.10 Water valorization;
- 2.11 Atmospheric chemistry, air pollution modeling of pollutants diffusion;
- 2.12 Marine chemistry and marine pollution;
- 2.13 Analytical methods for environmental science.

Article 3. Obligations of the Parties. It is specifically agreed that the Parties responsibilities under this Agreement are limited to the terms of this Agreement and neither Party shall have any other responsibilities or obligations. It is further agreed that neither Party shall have any legal or financial liability with respect to this Agreement.

Article 4. Term. The term of this Agreement shall be for five years and may be extended with the written consent of both Parties. Either Party may terminate this Agreement at any time and for any reason on six months prior written notice to the other Party.

Article 5. Indemnification. Each Party shall indemnify the other Party and its officers, directors, employees, members and agents against all liability, loss or expense sustained in connection with, and against all claims or actions based upon or arising out of, any negligent acts or omissions of the indemnifying party or its officers, directors, employees or agents, or based upon the performance or non performance of this Agreement, or based upon any violation of any statute or ordinance, and the defense of any such claims or actions. Any joint responsibility for any liability, loss or expense shall be apportioned to each Party based on each party's degree of responsibility for the liability, loss or expense.

Article 6. Logo. Each Party agrees not to use the logo of the other Party for any promotional or commercial purpose or any for any other purpose without the prior written consent of the other Party.

Article 7. Publications and Confidentiality. All materials produced or developed (whether finished or unfinished) pursuant to the terms of this Agreement shall become the joint property of the Parties. The Parties shall jointly own all title, copyright, ownership and other rights in any such materials. The Parties reserve for themselves, jointly, the exclusive right to print, publish, reproduce, lease, copy, distribute and sell the materials produced or developed (whether finished or unfinished) and illustrations, extracts or excerpts from the materials in their own names throughout the world without limitation as to territory or language. The Parties jointly will have exclusive right to register all copyrights on the materials produced or developed (whether finished or unfinished) in their own names and to obtain any renewals of the copyrights which may be permitted by law.

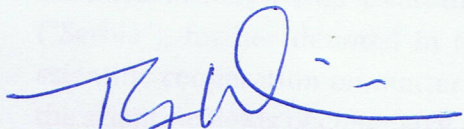
Article 8. Entire Understanding. This Agreement constitutes the entire understanding between the parties hereto and no modification or amendment thereof will bind either party unless is shall be in writing and signed by persons authoriyed to bind both parties to the Agreement.

Article 9. Governing Laws. This Agreement shall be governed by the laws of the District of Columbia of the United States of America.

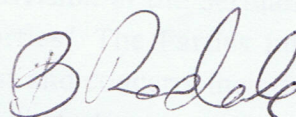
IN WITNESS WHEREOF, the parties have executed this Agreement on the date set forth above.

ENVIRONMENTAL DIVISION OF THE
AMERICAN CHEMICAL SOCIETY

ENVIRONMENTAL DIVISION OF THE
SERBIAN CHEMICAL SOCIETY



Signature



Signature

TRACY WILLIAMSON

Printed name

Bojan B. Radak

Printed name

Chair pro tempore, ENVR

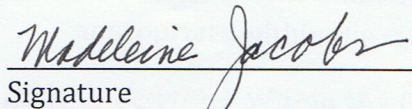
Title

Chair, Division of Environmental Chemistry

Title

AMERICAN CHEMICAL SOCIETY

SERBIAN CHEMICAL SOCIETY



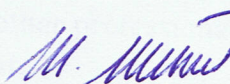
Signature

Madeleine Jacobs

Printed name

Executive Director & CEO

Title



Signature

Živoslav Lj. Tešić

Printed name

President

Title



247th ACS National Meeting & Exposition – Dallas, TX – March 16-20, 2014

Division of Environmental Chemistry

Souhail Al-Abed, Program Chair

Division of Environmental Chemistry Non-Technical Events	S	M	T	W	T
Program Planning Committee Meeting Champagne, Marriott Dallas City Center	2:00– 3:00 pm				
Long Range Planning Committee Meeting Champagne, Marriott Dallas City Center	3:00– 4:00 pm				
Centennial Cupcake Social Cambridge, Marriott Dallas City Center	5:00– 6:00 pm				
Executive Committee Meeting Normandy B, Marriott Dallas City Center	7:00– 10:00 pm				
Social and Reception (<i>Ticket required</i>) Champagne, Marriott Dallas City Center			6:00– 7:30 pm		
Centennial Cupcake Social Plaza C, Marriott Dallas City Center				5:00– 6:00 pm	
Division of Environmental Chemistry Technical Sessions	S	M	T	W	T
Innovative Materials for Waste Recycling and Environmental Applications, Cosponsored by CEI; <i>Organizers: S. Al-Abed, K. Kawamoto</i> Bordeaux, Marriott Dallas City Center	A			E	
Service Learning Focused on Chemistry and the Environment, Cosponsored by CHED, YCC; <i>Organizers: M. Benvenuto, M. Mio, E. Roberts-Kirchhoff</i> Plaza Ballroom A, Marriott Dallas City Center	A				
Nanotechnology for Sustainable Resources and Environmental Science, Cosponsored by AGFD, CEI; <i>Organizers: J. Song, D. Britt, A. Muller, B. Xing, M. Antonietti, S. Holdcroft, Y. Chen, A. Proust, F. Von Der Kammer, H. de Groot, J. Mi, J. Hu, L. Wang</i> Plaza Ballroom B (Su-We)/Plaza Ballroom A (Th), Marriott Dallas City Center	D	D	D	DE	D
Pollutant Transport and Transformation at Mineral-Water Interfaces <i>Organizers: H. Cheng, K. Shih</i> Somerset, Marriott Dallas City Center	D			E	
Emerging Micro-Pollutants in the Environment, Cosponsored by CEI; <i>Organizers: S. Kurwadkar, F. Mitchell, D. Ramirez, X. Zhang</i> Bordeaux, Marriott Dallas City Center <i>*KEYNOTE SPEAKER: C. Adams, 1:35 pm</i>	P*	A		E	
Hydrothermal Carbonization of Municipal, Industrial and Agricultural Wastes and Innovative Applications of the Process Byproducts, Cosponsored by CEI; <i>Organizers: S. Bae, N. Berge, K. Ro</i> Plaza Ballroom A, Marriott Dallas City Center	P			E	
Chemistry of the Lower Atmosphere <i>Organizers: M.C. Chalbot, I. Kavouras</i> Plaza Ballroom A, Marriott Dallas City Center <i>*KEYNOTE SPEAKER: N.M. Donahue, 8:05 am</i>		D*		E	
Water Quality Stewardship in Pursuit of Unconventional Oil and Natural Gas Reservoirs, Cosponsored by ENFL; <i>Organizers: B. Ellis, K. Hayes</i> Somerset, Marriott Dallas City Center <i>*KEYNOTE SPEAKER: R. Vidic, 8:40 am</i>		D*			
Water Reuse in Texas: Integrative Assessment and Management, Cosponsored by CEI; <i>Organizer: B. Brooks</i> Bordeaux, Marriott Dallas City Center <i>*KEYNOTE SPEAKER: L. Barber, 2:30 pm</i>		P*		E	
Sci-Mix Hall F, Dallas Convention Center		E			
ACS Award for Creative Advances in Environmental Science and Technology: Symposium in Honor of Harold B. Dellinger, Financially supported by ES&T; <i>Organizers: S. Lomnicki, R. Hathaway</i> Plaza Ballroom A, Marriott Dallas City Center			D		
Advances in Materials for Water and Energy, Cosponsored by CEI, <i>Organizers: J. Baltrusaitis, D. Cwierthny, J. Kim, T. Strathmann</i> Normandy A (Tu)/Somerset (We), Marriott Dallas City Center <i>*KEYNOTE SPEAKER: P.V. Kamat, 9:50 am</i>			D*	DE	

247th ACS National Meeting & Exposition – Dallas, TX – March 16-20, 2014

Division of Environmental Chemistry

Souhail Al-Abed, Program Chair

Fundamental and Applied Chemistry for Pollution Control and Climate Protection, Cosponsored by CEI; Organizers: R. Fehrmann, A. Riisager Bordeaux, Marriott Dallas City Center *KEYNOTE SPEAKER: B.S. Bal'zhinimaev 8:00 am			D*	E	
Air Monitoring: Overcoming Real-Time Air Toxics Monitoring Challenges, Financially supported by PID Analyzers; Organizers: J. Maclachlan, J. Driscoll Bordeaux, Marriott Dallas City Center *KEYNOTE SPEAKER: T. Capobianco, 8:35 am				A*	
Changing Atmospheric Chemistry: Environmental Implications of Land-Air Interactions, Cosponsored by GEOC, CEI, COMSCI; Organizers: J. Bell, B. Shakhashiri, W. Shortle Plaza Ballroom A, Marriott Dallas City Center				A	
Green Chemistry and the Environment Organizers: R. Luque, S. Obare Plaza Ballroom A (We)/Somerset (Th), Marriott Dallas City Center *KEYNOTE SPEAKER: B.F. Sels, 1:30 pm				P* E	A
Real-Time Water Monitoring of Surface Waters for Drinking Water Supplies Organizers: J. Gibs, R. Gullick, R. Lippincott, H. Pang, P. Schorr Bordeaux, Marriott Dallas City Center				PE	A
General Posters Hall F, Dallas Convention Center				E	
Co-sponsored Symposia:					
Undergraduate Research Posters (CHED) Hall F, Dallas Convention Center		P			
Poster Session (COMP) Hall F, Dallas Convention Center			E		
Advanced Materials for Hydrogen Energy (ENFL) A130, Dallas Convention Center	D	A			
Energy and Fuels from Biomass (ENFL) A131, Dallas Convention Center	D	D	D	A	
Nanostructured Materials for Solar Energy Conversion and Storage (ENFL) A114/A116, Dallas Convention Center	D	D	D	D	A
Two-Dimensional Materials for Energy and Fuel*(ENFL) A130, Dallas Convention Center		P	D	D	A
Geochemistry of Nuclear Waste Storage and Disposition (GEOC) C151/C152, Dallas Convention Center			P	D	
Benefits of Chemistry in our Lives (PRES) Austin Ballroom 2, Sheraton Dallas		A			

CALL FOR PAPERS
248th ACS National Meeting

San Francisco, CA -- August 10-14, 2014

DIVISION OF ENVIRONMENTAL CHEMISTRY'S CENTENNIAL TECHNICAL PROGRAM
100 Years of Environmental Stewardship: Celebrating Past Advancements, Exploring Future Innovations

Dear Colleagues,

I invite you to join us and share your research in the Division of Environmental Chemistry's celebration of its members' contributions to understanding the chemistry of global environmental stewardship. You may submit abstracts to the Division of Environmental Chemistry program, January 13 - March 10, 2014: Follow the link (<http://abstracts.acs.org>) to sign in using your ACS ID and password, or you may create an ID on the abstract submission webpage. For meeting registration and accommodations, visit www.acs.org/meetings. Other inquiries should be directed to the symposium organizers or ENVR program chair.

Program Chair: Dionysios (Dion) D. Dionysiou, Ph.D., UNESCO Co-Chair Professor of "Water Access and Sustainability" and Professor of Environmental Engineering, Center of Sustainable Urban Engineering; Drinking Water, Water Supply, Quality, and Treatment, and Environmental Nanotechnology Laboratories; Environmental Engineering and Science Program; Department of Biomedical, Chemical and Environmental Engineering (DBCEE), 705 Engineering Research Center, University of Cincinnati, Cincinnati, OH 45221-0012; Phone (513) 556-0724; Email: dionysios.d.dionysiou@uc.edu

SYMPOSIA

Analytical Methods for Detecting and Prioritizing Contaminants of Concern, Organizers: Damia Barcelo, *Catalan Institute for Water Research (Spain)*, dbcqam@cid.csic.es; Hansa Done, *Arizona State University*, hansa.done@asu.edu; Lee Ferguson, *Duke University*, lee.ferguson@duke.edu; Jennifer Field, *Oregon State University*, Jennifer.Field@oregonstate.edu; Rolf Halden, *Arizona State University*, halden@asu.edu; Susan D. Richardson, *University of South Carolina*, richardson.susan@sc.edu

Assessing the Implications of Nanotechnology, Organizers: Arturo Keller, *University of California, Santa Barbara and UC-CEIN*, keller@bren.ucsb.edu; Greg Lowry, *Carnegie Mellon University and CEINT*, glowry@cmu.edu

California Air Monitoring: From Inception to Current Trends in the New Millennium, Organizers: John Driscoll, *PID Analyzers, LLC*, pidguy@aol.com; Jennifer Maclachlan, *PID Analyzers, LLC*, pidgirl@gmail.com

Chemistry of Atmospheric Nitrogen-Containing Compounds, Organizers: Steven Brown, *U.S. National Oceanic and Atmospheric Administration*, steven.s.brown@noaa.gov; Alexander Laskin, *Pacific Northwest National Lab*, Alexander.Laskin@pnl.gov; Sergey Nizkorodov, *University of California, Irvine*, nizkorod@uci.edu

Cleaning of Industrial Flue Gases, Organizers: Rasmus Fehrmann, *Technical University of Denmark*, rf@kemi.dtu.dk; Anders Riisager, *Technical University of Denmark*, ar@mail.kemi.dtu.dk

Electrochemical Tools for Investigating Environmental Chemistry, Organizers: Parastoo Hashemi, *Wayne State University*, phashemi@chem.wayne.edu; Shawn McElmurry, *Wayne State University*, s.mcelmurry@eng.wayne.edu

Electrochemical Water Activation, Fundamentals and Applications: From Potentialities in Potabilization to Crop Protection and Sanitization (Cosponsor: AGRO), Organizers: Achille de Battisti, *University of Ferrara (Italy)*, dbtcll@unife.it; Mariachiara Benedetto, *Industria de Nora (Italy)*, mariachiara.benedetto@denora.com; Sergio Ferro, *University of Ferrara (Italy)*, fre@unife.it; Carlos Alberto Martinez Huitle, *Universidade Federal do Rio Grande do Norte (Brazil)*, mhuitle@hotmail.com; Yunny Meas, *CIDETEQ (Mexico)*, yunnymeas@cideteq.mx

Engineering Nanomaterials for Energy, Environmental Science and Biomedical Application, Organizers: Jiaqi Mi, *Georgia State University*, jmi1@gsu.edu; Jie Song, *Emory University & Georgia Institute of Technology*, jsong7@emory.edu

Environmental Applications and Implications of Graphene-based Nanomaterials, Organizers: Dermont Bouchard, *U.S. EPA*, bouchard.dermont@epa.gov; Indranil Chowdhury, *U.S. EPA*, indrabuet@gmail.com; Mark Hersam, *Northwestern University*, mhersam@northwestern.edu; Sharon Walker, *University of California, Riverside*, swalker@engr.ucr.edu

Evolving Science and Environmental Impacts of Hydraulic Fracturing (Cosponsor: PRES, TOXI) Organizers: Thomas Barton, *Iowa State University*, barton@iastate.edu; Donna Drogos, *Alameda County Environmental Health*, donna.drogos@acgov.org

General Posters, Organizers: Dionysios Dionysiou, *University of Cincinnati*, dionysios.d.dionysiou@uc.edu

Great Lakes Restoration Initiative: An Environmental Chemistry Challenge, Organizers: Dionysios Dionysiou, *University of Cincinnati*, dionysios.d.dionysiou@uc.edu; James Pagano, *State University of New York at Oswego*, james.pagano@oswego.edu

Green Chemistry and the Environment (Cosponsor: ENFL), Organizers: Rafael Luque, *University of Cordoba (Spain)*, q62alsor@uco.es; Sherine Obare, *Western Michigan University*, sherine.obare@wmich.edu

Heterogeneous Catalysis for Environmental and Energy Applications (Cosponsor: CATL) Organizers: Marco Castaldi, *City University of New York*, mcastaldi@che.cuny.cuny.edu; Alexander Orlov, *Stony Brook University*, alexander.orlov@stonybrook.edu; Aditya (Ashi) Savara, *Oak Ridge National Lab*, savaraa@ornl.gov

Humic Substances and Its Critical Role in Environmental Chemistry: The Past 50 Years, Present Knowledge and Future Research Opportunities, Organizers: Joel Pedersen, *University of Wisconsin – Madison*, joelpedersen@wisc.edu; Fernando L. Rosario-Ortiz, *University of Colorado at Boulder*, fernando.rosario@colorado.edu; Irwin (Mel) Suffet, *University of California, Los Angeles*, msuffet@ucla.edu

Monitoring and Evaluating Environmental Exposures Using Case Studies, Organizers: Heather Bean, *Dartmouth College*, beanchemist@gmail.com; Jane Hill, *Dartmouth College*, jane.hill@dartmouth.edu; Joachim Pleil, *University of North Carolina*, pleil@unc.edu

Natural Attenuation of Emerging Contaminants in the Urban Water Cycle, Organizers: Olya Keen, *University of North Carolina at Charlotte*, okeen@uncc.edu; Fernando Rosario, *University of Colorado at Boulder*, fernando.rosario@colorado.edu

New Advances in the Chemistry and Application of Advanced Oxidation Processes for Removal of Contaminants of Emerging Concern, Organizers: Silvio Canonica, *EAWAG (Switzerland)*, canonica@eawag.ch; Dionysios Dionysiou, *University of Cincinnati*, dionysios.d.dionysiou@uc.edu; Gianluca Li Puma, *Loughborough University (UK)*, g.li.puma@lboro.ac.uk; Daisuke Minakata, *Michigan Tech University*, dminakat@mtu.edu; Kevin Oshea, *Florida International University*, osheak@fiu.edu

Novel Membranes and Membrane Processes for Desalination and Water Treatment (Cosponsor: POLY), Organizers: Kai Loon Chen, *Johns Hopkins University*, kailoon.chen@jhu.edu; Baoxia Mi, *University of Maryland*, bmi@umd.edu; Volodymyr Tarabara, *Michigan State University*, tarabara@egr.msu.edu

Occurrence, Fate and Removal of Pharmaceutical and Personal Care Products and Endocrine Disrupting Chemicals, Organizers: Lee Blaney, *University of Maryland, Baltimore County*, blaney@umbc.edu; Arturo Hernandez-Maldonado, *University of Puerto Rico--Mayaguez*, arturoj.hernandez@upr.edu

Occurrence, Formation, Health Effects, and Control of Disinfection By-Products (DBPs) (Financial Sponsor: Water Research Foundation), Organizers: Tanju Karanfil, *Clemson University*, tkaranf@clemson.edu; William A. Mitch, *Stanford University*, wamitch@stanford.edu; Paul Westerhoff, *Arizona State University*, p.westerhoff@asu.edu; Yuefeng Xie, *The Pennsylvania State University - Harrisburg*, yxx4@psu.edu

Pyrogenic Carbonaceous Materials as Adsorbents of Inorganic and Organic Compounds: Fundamentals and Applications, Organizers: Upal Ghosh, *University of Maryland, Baltimore County*, ughosh@umbc.edu; William A. Mitch, *Stanford University*, wamitch@stanford.edu; Joseph Pignatello, *Connecticut Agricultural Experiment Station and Yale University*, joseph.pignatello@ct.gov; Feng Xiao, *Connecticut Agricultural Experiment Station*, feng.xiao@ct.gov; Baoshan Xing, *University of Massachusetts, Amherst*, bx@umass.edu

Reactive Membranes and Surfaces in Water Treatment Applications, Organizers: Brian Chaplin, *University of Illinois at Chicago*, chaplin@uic.edu; David Jassby, *University of California, Riverside*, djassby@engr.ucr.edu; Kimberly Jones, *Howard University*, kljones@howard.edu

Real Time Monitoring of Surface Waters for Nutrient and Water Supply Management, Organizers: Jacob Gibs, *U.S. Geological Survey*, jgibs@usgs.gov; Robert Lippincott, *New Jersey Dept. of Environmental Protection*, lee.lippincott@dep.state.nj.us; Taha Marhaba, *New Jersey Institute of Technology*, Marhaba@adm.njit.edu; Hui (Helen) Pang, *New Jersey Dept. of Environmental Protection*, helen.pang@dep.state.nj.us; Paul Schorr, *New Jersey Dept. of Environmental Protection*, paul.schorr@dep.state.nj.us

Recent Development of Environmental Chemistry in Asia, Organizers: Dionysios Dionysiou, *University of Cincinnati*, dionysios.d.dionysiou@uc.edu; Esra Uckun Kiran, *Nanyang Technological University (Singapore)*, esrauckun@ntu.edu.sg; Michael Lam, *City University of Hong Kong*, bhmhwlam@cityu.edu.hk; Carol Sze Ki Lin, *City University of Hong Kong*, carollin@cityu.edu.hk; Rafael Luque, *University of Cordoba (Spain)*, q62alsor@uco.es; Egid Mubofu, *University of Dar es Salaam (Tanzania)*, ebmubofu@gmail.com

Science in the Realm of Environmental Policy: Opportunities and Challenges, Organizers: Raymond Garant, *American Chemical Society*, r_garant@acs.org; John Gerlach, *Western Carolina University*, jdgerlach@email.wcu.edu; Chris Pepper, *Winstead Attorneys*, cpepper@winstead.com

Special Symposium Honoring Professor Richard L. Valentine, Organizers: David Cwiertny, *University of Iowa*, david-cwiertny@uiowa.edu; Chad Jafvert, *Purdue University*, jafvert@ecn.purdue.edu; Peter Vikesland, *Virginia Tech*, pvikes@vt.edu

Synergism Between Microbiology and Chemistry for Environmental Sustainability, Organizers: Ramesh Goel, *University of Utah*, ram.goel@utah.edu; Jennifer Ayla Jay, *University of California, Los Angeles*, jjay@seas.ucla.edu; Shaily Mahendra, *University of California, Los Angeles*, mahendra@seas.ucla.edu

Theoretical and Computational Approaches to Environmental Chemistry, Organizer: Soren Eustis, *Bowdoin College*, seustis@bowdoin.edu

Thermodynamics and Kinetics in Treatment Processes. Past, Present, and Future: A Symposium in Honor of Prof. Chin-Pao Huang, Organizers: Guo-Hua Chen, *University of Science and Technology (Hong Kong)*, kechengh@ust.hk; Pei-Chun Chiu, *University of Delaware*, pei@udel.edu; Allen P. Davis, *University of Maryland*, apdavis@umd.edu; Ruey-An Doong, *National Tsing Hua University (Taiwan)*, radoong@mx.nthu.edu.tw; Zhimin Qiang, *Chinese Academy of Sciences*, qiangz@rcees.ac.cn; Virender Sharma, *Texas A&M University*, vsharma@srph.tamhsc.edu

Toxicology of Environmental Pollutants, Organizers: Xiaoping Pan, *Eastern Carolina University*, panx@ecu.edu; Sophie Uchimiya, *USDA Agricultural Research Service*, sophie.uchimiya@ars.usda.gov; Baohong Zhang, *Eastern Carolina University*, zhangb@ecu.edu

Water Challenges and Solutions on the Global Scale, Organizers: Satinder Ahuja, *Ahuja Consulting*, sutahuja@atmc.net; Jailson De Andrade, *National Institute of Science and Technology for Energy and Environment (Brazil)*, jailsong@ufba.br; Dionysios Dionysiou, *University of Cincinnati*, dionysios.d.dionysiou@uc.edu; Kiril Hristovski, *Arizona State University*, kiril.hristovski@asu.edu; Bommanna Loganathan, *Murray State University*, bloganathan@murraystate.edu; Adrian Parr, *University of Cincinnati*, parran@ucmail.uc.edu; Hessay Taft, *St. John's University*, htaft@att.net

Women in Environmental Science and Engineering, Organizers: Rachel A. Brennan, *The Pennsylvania State University*, rbrennan@enr.psu.edu; Elizabeth R. Carraway, *Clemson University*, ecarraw@clemson.edu; Dionysios D. Dionysiou, *University of Cincinnati*, dionysios.d.dionysiou@uc.edu; Isabel C. Escobar, *University of Toledo*, isabel.escobar@utoledo.edu; Jillian L. Goldfarb, *Boston University*, jlliang@bu.edu; April Gu, *Northeastern University*, april@coe.neu.edu; Jane Hill, *Thayer School of Engineering at Dartmouth*, jane.e.hill@dartmouth.edu; Staci L. Massey Simonich, *Oregon State University*, staci.simonich@orst.edu; Heileen Hsu-Kim, *Duke University*, hsukim@duke.edu; Cindy M. Lee, *Clemson University*, lc@clemson.edu; Susan D. Richardson, *University of South Carolina*, richardson.susan@sc.edu

OTHER SYMPOSIA COSPONSORED BY ENVR:

Environmental Radiochemistry [NUCL], Organizers: Brian Powell, *Clemson University*, brian.powell@clemson.edu; Mavrik Zavarin, Ralf Sudowe, Don Reed

Environmental Interfaces in the Atmosphere: From Surface Chemistry to Air Quality, Climate, and Health Effects [COLL], Organizers: Andrew Ault, *University of Michigan*, aulta@umich.edu; Johnathan Raff, *Indiana University*, jdraff@indiana.edu

Fundamental Processes of Atmospheric Chemistry [PHYS], Organizers: Delphine Farmer, *Colorado State University*, delphine.farmer@colostate.edu; Frank N. Keutsch, *University of Wisconsin – Madison*, keutsch@chem.wisc.edu

International Collaborations with International Impact: Chemistry for Global Change (GSSPC Symposium) [CHED], Organizer: Kimberly Hartstein, gsspc.uw@gmail.com

Engineered Nanomaterials Interacting with Natural and Engineered Interfaces [COLL], Organizer: Franz Geiger, *Northwestern University*, geigerf@chem.northwestern.edu

Natural and Engineered Clay Barriers and Their Use in Waste Management [GEOC], Ian Bourg, *Lawrence Berkeley National Lab*, icbourg@lbl.gov

13th IUPAC Congress of Pesticide Chemistry: Symposia on several topics related to environmental chemistry [AGRO], *see* www.iupac2014.org

A Lifetime of Contributions to Science, Summer Schools and our NUCL Division Family: Symposium in Honor of Frank Kinard [NUCL], Organizer: Paul Mantica - mantica@msu.edu

**American Chemical Society
Demographics Report**

Highest Degree Received			Field of Research			Industry		
Group	Count	%	Group	Count	%	Group	Count	%
Associate	18	0.37	Agriculture/Food science	15	0.31	Academic Institution	2,076	42.72
Bachelor	362	7.45	Analytical Chemistry	190	3.91	Engineering/Construction Firm	158	3.25
Doctorate	847	17.43	Applied Chemistry	19	0.39	Government	550	11.32
High School	91	1.87	Biochemistry/Molecular Biology/Biomaterials	29	0.60	Hospital/Clinic	15	0.31
Master	373	7.68	Biotechnology/Applied Microbiology	29	0.60	Independent Consulting	415	8.54
N/A	3,168	65.20	Chemical Information	7	0.14	Independent Laboratory	269	5.54
Total	4,859	100.00	Combinatorial Chemistry	2	0.04	Manufacturer - Industrial chemicals	85	1.75
Degree Discipline			Computational/computers/informatics	12	0.25	Manufacturer - Other	200	4.12
Group	Count	%	Education	33	0.68	Manufacturer - Petrochemical	42	0.86
Agricultural/food chemistry	13	0.27	Energy/Petroleum	35	0.72	Manufacturer - Pharmaceutical Co	30	0.62
Analytical chemistry	136	2.80	Engineering	103	2.12	Manufacturer-Agricultural	23	0.47
Biochemistry	57	1.17	Environmental Science	1,055	21.71	Manufacturer-Biotech/life sciences co	30	0.62
Biotechnology	10	0.21	Forensic	10	0.21	Manufacturer-Environmental/water	122	2.51
Business administration	21	0.43	Green Chemistry/Sustainable Chemistry	25	0.51	Manufacturer-Food/beverage/flavors	13	0.27
Chemical education	8	0.16	Health & safety	24	0.49	Public Utility/Transportation	105	2.16
Chemical engineering	110	2.26	Inorganic chemistry	32	0.66	Retail/Wholesale Trade	26	0.54
Clinical chemistry	3	0.06	Instrumentation design/development	8	0.16	Other	177	3.64
Computer science	7	0.14	Materials science	34	0.70	No Response	446	9.18
Environmental chemistry	380	7.82	Medicinal/clinical	7	0.14	N/A	77	1.58
General chemistry	160	3.29	Organic chemistry	25	0.51	Total	4,859	100.00
Inorganic chemistry	60	1.23	Paints/coatings	5	0.10			
Law	5	0.10	Pharmaceutical	14	0.29			
Materials science	17	0.35	Physical chemistry	26	0.54			
Medicinal/pharmaceutical chemistry	10	0.21	Plastics/Polymers/Rubber	19	0.39			
Organic chemistry	83	1.71	Toxicology	28	0.58			
Other chemical sciences	7	0.14	Other	206	4.24			
Physical chemistry	89	1.83	N/A	2,867	59.00			
Polymer chemistry	15	0.31	Total	4,859	100.00			
Other	411	8.46						
N/A	3,257	67.03						
Total	4,859	100.00						

**American Chemical Society
Demographics Report**

Job Title			Department			Benefits		
Group	Count	%	Group	Count	%	Group	Count	%
Chemical Technician	52	1.07	Analysis	104	2.14	ACS Network	169	2.37
Chemist/Scientist	805	16.57	Corporate Management	51	1.05	C&EN	986	13.81
Consultant/Advisor	164	3.38	Lab Management	66	1.36	Career counseling and resources	75	1.05
Engineer	197	4.05	Purchasing	2	0.04	Community activities	108	1.51
Executive Management	264	5.43	QC/Assurance/Validation	54	1.11	Educational resources and tools	114	1.60
Graduate Student	550	11.32	Regulatory	101	2.08	Legislative Action Network	69	0.97
Health & Safety/Regulatory Affairs Manager	90	1.85	Research & Development (R&D)	357	7.35	Local Sections	255	3.57
Post Doctoral/Fellow Researcher	146	3.00	Research & Teaching	259	5.33	National or Regional Meetings	357	5.00
Process/Quality Control Manager	69	1.42	Sales/Marketing/Business Development	21	0.43	Newsletters	388	5.43
Production/Operations Manager	68	1.40	Teaching	207	4.26	None	255	3.57
Professor/Instructor/Administrator	1,091	22.45	Technical Services	151	3.11	Personal Benefits	122	1.71
Purchasing Manager/Buyer	2	0.04	Other	116	2.39	Professional Education and Professional Development	94	1.32
Research & Development Management	270	5.56	N/A	3,370	69.36	Technical Divisions	297	4.16
Sales/Marketing/Business Development	43	0.88	Total	4,859	100.00	Web Edition publications	409	5.73
Supervisor/Project Leader/Foreman	177	3.64	Geographic Area			Other	30	0.42
Undergraduate Student Member	236	4.86	Group	Count	%	N/A	3,413	47.79
Other	160	3.29	International	933	19.20	Total	7,141	100.00
No Response	363	7.47	United States	3,926	80.80			
N/A	112	2.31	Total	4,859	100.00			
Total	4,859	100.00	Disability					
			Group	Count	%			
			No	1,378	28.36			
			Yes	39	0.80			
			No Response	36	0.74			
			N/A	3,406	70.10			
			Total	4,859	100.00			

**American Chemical Society
Demographics Report**

Products			Country of Citizenship					
Group	Count	%						
			Czech Republic	1	0.02	Saudi Arabia	2	0.04
			Denmark	3	0.06	Serbia	1	0.02
Chemical ingredients	537	7.49	Dominica	1	0.02	Singapore	1	0.02
Chromatography products	416	5.80	Ecuador	3	0.06	South Africa	1	0.02
Computational	114	1.59	Egypt	2	0.04	South Korea	11	0.23
Contract management services	84	1.17	Estonia	3	0.06	Spain	6	0.12
HPLC	289	4.03	France	4	0.08	Sri Lanka	3	0.06
Laboratory products	596	8.31	Germany	15	0.31	Sudan	1	0.02
LIMS	70	0.98	Ghana	1	0.02	Sweden	3	0.06
Mass Spectrometers	320	4.46	Greece	6	0.12	Switzerland	15	0.31
NMR	22	0.31	Hong Kong	3	0.06	Taiwan	7	0.14
None	380	5.30	Hungary	1	0.02	Thailand	2	0.04
Pharmaceutical ingredients	29	0.40	India	25	0.51	Trinidad and Tobago	2	0.04
Spectroscopy	215	3.00	Indonesia	2	0.04	Turkey	5	0.10
Supercritical fluid chromatography	12	0.17	Iran	3	0.06	Ukraine	1	0.02
Thermal analyzers	69	0.96	Iraq	3	0.06	United Arab Emirates	2	0.04
Water purification systems	316	4.41	Ireland	1	0.02	United Kingdom	11	0.23
Other	118	1.65	Israel	6	0.12	UNITED STATES	1,017	20.93
N/A	3,581	49.96	Italy	17	0.35	Vietnam	3	0.06
Total	7,168	100.00	Jamaica	2	0.04	Zaire	1	0.02
			Japan	27	0.56	Zimbabwe	2	0.04
Group	Count	%	Jordan	1	0.02	N/A	3,401	69.99
Australia	14	0.29	Malaysia	3	0.06	Total	4,859	100.00
Bahamas	1	0.02	Mexico	11	0.23			
Bahrain	1	0.02	Nepal	3	0.06			
Bangladesh	2	0.04	Netherlands	3	0.06			
Belgium	3	0.06	New Zealand	5	0.10			
Brazil	6	0.12	Nigeria	17	0.35			
Bulgaria	1	0.02	Norway	4	0.08			
Cambodia	1	0.02	Peru	2	0.04			
Cameroon	1	0.02	Philippines	5	0.10			
CANADA	58	1.19	Poland	2	0.04			
China	64	1.32	Portugal	3	0.06			
Colombia	5	0.10	Qatar	2	0.04			
Croatia	1	0.02	Romania	3	0.06			
Cyprus	1	0.02	Russia	9	0.19			

**American Chemical Society
Demographics Report**

D511 - Environmental Chemistry Division**As of 31 - Jan - 2014**

Member Type	Group		Age Group			Years Of Service		
	Count	%	Count	%	Group	Count	%	
Group	Count	%	11-20	4	0.09	0	36	0.78
Division Affiliate	28	0.61	21-25	110	2.39	1	1,433	31.08
Emeritus Member	156	3.38	26-30	166	3.60	2	528	11.45
Regular Member	3,331	72.24	31-35	207	4.49	3	327	7.09
Regular Student Member	606	13.14	36-40	276	5.99	4	242	5.25
Retired Member	54	1.17	41-45	249	5.40	5	191	4.14
Society Affiliate	29	0.63	46-50	325	7.05	6-10	550	11.93
Student Member - UnderGrad	407	8.83	51-55	395	8.57	11-15	412	8.94
Total	4,611	100.00	56	72	1.56	16-20	294	6.38
			57	86	1.87	21-25	257	5.57
			58	92	2.00	26-30	152	3.30
			59	81	1.76	31-35	98	2.13
			60	70	1.52	36-40	55	1.19
			61	73	1.58	41-45	36	0.78
			62	77	1.67	Total	4,611	100.00
			63	59	1.28			
			64	64	1.39	Group	Count	%
			65	56	1.21	No	1,373	29.78
			66	58	1.26	Yes	126	2.73
			67	56	1.21	No Response	74	1.60
			68	30	0.65	N/A	3,038	65.89
			69	41	0.89	Total	4,611	100.00
			70	37	0.80			
			71+	280	6.07	Ethnic Background		
			N/A	1,647	35.72	Group	Count	%
			Total	4,611	100.00	African Descent or Black	120	2.58
						Asian (Including Pacific Islanders)	416	8.93
						Native American (including Alaskan Native)	29	0.62
			Group	Count	%	White (Caucasian)	2,114	45.39
			Female	959	20.80	Other	82	1.76
			Male	2,295	49.77	N/A	1,896	40.71
			n/a	1,357	29.43	Total	4,657	100.00
			Total	4,611	100.00			

**American Chemical Society
Demographics Report**

Highest Degree Received			Field of Research			Industry		
Group	Count	%	Group	Count	%	Group	Count	%
Associate	18	0.39	Agriculture/Food science	19	0.41	Academic Institution	1,837	39.84
Bachelor	374	8.11	Analytical Chemistry	187	4.06	Engineering/Construction Firm	159	3.45
Doctorate	909	19.71	Applied Chemistry	26	0.56	Government	475	10.30
High School	84	1.82	Biochemistry/Molecular Biology/Biomaterials	26	0.56	Hospital/Clinic	10	0.22
Master	365	7.92	Biotechnology/Applied Microbiology	22	0.48	Independent Consulting	392	8.50
N/A	2,861	62.05	Chemical Information	6	0.13	Independent Laboratory	253	5.49
Total	4,611	100.00	Combinatorial Chemistry	3	0.07	Manufacturer - Industrial chemicals	73	1.58
			Computational/computers/informatics	16	0.35	Manufacturer - Other	157	3.40
Degree Discipline			Education	39	0.85	Manufacturer - Petrochemical	35	0.76
Group	Count	%	Energy/Petroleum	32	0.69	Manufacturer - Pharmaceutical Co	24	0.52
Agricultural/food chemistry	19	0.41	Engineering	111	2.41	Manufacturer-Agricultural	28	0.61
Analytical chemistry	141	3.06	Environmental Science	1,064	23.08	Manufacturer-Biotech/life sciences co	18	0.39
Biochemistry	58	1.26	Forensic	9	0.20	Manufacturer-Environmental/water	94	2.04
Biotechnology	10	0.22	Green Chemistry/Sustainable Chemistry	29	0.63	Manufacturer-Food/beverage/flavors	17	0.37
Business administration	21	0.46	Health & safety	29	0.63	Public Utility/Transportation	104	2.26
Chemical education	9	0.20	Inorganic chemistry	30	0.65	Retail/Wholesale Trade	19	0.41
Chemical engineering	115	2.49	Instrumentation design/development	7	0.15	Other	172	3.73
Clinical chemistry	3	0.07	Legal	1	0.02	No Response	421	9.13
Computer science	6	0.13	Materials science	27	0.59	N/A	323	7.00
Environmental chemistry	395	8.57	Medicinal/clinical	6	0.13	Total	4,611	100.00
General chemistry	166	3.60	Organic chemistry	25	0.54			
Inorganic chemistry	62	1.34	Paints/coatings	6	0.13			
Law	4	0.09	Pharmaceutical	15	0.33			
Materials science	16	0.35	Physical chemistry	32	0.69			
Medicinal/pharmaceutical chemistry	8	0.17	Plastics/Polymers/Rubber	17	0.37			
Organic chemistry	85	1.84	Toxicology	25	0.54			
Other chemical sciences	8	0.17	Other	193	4.19			
Physical chemistry	95	2.06	N/A	2,609	56.58			
Polymer chemistry	17	0.37	Total	4,611	100.00			
Other	431	9.35						
N/A	2,942	63.80						
Total	4,611	100.00						

**American Chemical Society
Demographics Report**

Job Title			Department			Benefits		
Group	Count	%	Group	Count	%	Group	Count	%
Chemical Technician	51	1.11	Analysis	96	2.08	ACS Network	396	5.60
Chemist/Scientist	708	15.35	Corporate Management	64	1.39	C&EN	1,049	14.83
Consultant/Advisor	149	3.23	Lab Management	70	1.52	Career counseling and resources	81	1.15
Engineer	174	3.77	Purchasing	1	0.02	Community activities	110	1.56
Executive Management	259	5.62	QC/Assurance/Validation	56	1.21	Educational resources and tools	132	1.87
Graduate Student	425	9.22	Regulatory	104	2.26	Legislative Action Network	63	0.89
Health & Safety/Regulatory Affairs Manager	80	1.73	Research & Development (R&D)	337	7.31	Local Sections	271	3.83
Post Doctoral/Fellow Researcher	126	2.73	Research & Teaching	326	7.07	National or Regional Meetings	389	5.50
Process/Quality Control Manager	64	1.39	Sales/Marketing/Business Development	17	0.37	Newsletters	421	5.95
Production/Operations Manager	50	1.08	Teaching	200	4.34	None	271	3.83
Professor/Instructor/Administrator	993	21.54	Technical Services	157	3.40	Personal Benefits	133	1.88
Purchasing Manager/Buyer	1	0.02	Other	120	2.60	Professional Education and Professional Development	116	1.64
Research & Development Management	249	5.40	N/A	3,063	66.43	Technical Divisions	326	4.61
Sales/Marketing/Business Development	37	0.80	Total	4,611	100.00	Web Edition publications	423	5.98
Supervisor/Project Leader/Foreman	160	3.47	Geographic Area			Other	34	0.48
Undergraduate Student Member	213	4.62	Group	Count	%	N/A	2,858	40.41
Other	153	3.32	International	904	19.61	Total	7,073	100.00
No Response	364	7.89	United States	3,707	80.39			
N/A	355	7.70	Total	4,611	100.00			
Total	4,611	100.00	Disability					
			Group	Count	%			
			No	1,446	31.36			
			Yes	47	1.02			
			No Response	44	0.95			
			N/A	3,074	66.67			
			Total	4,611	100.00			

**American Chemical Society
Demographics Report**

Products								
Group	Count	%						
			Croatia	1	0.02	Poland	5	0.11
			Cyprus	1	0.02	Portugal	3	0.07
Chemical ingredients	571	8.06	Czech Republic	1	0.02	Qatar	2	0.04
Chromatography products	437	6.17	Denmark	3	0.07	Romania	4	0.09
Computational	148	2.09	Dominica	1	0.02	Russia	5	0.11
Contract management services	98	1.38	Dominican Republic	1	0.02	Saudi Arabia	3	0.07
HPLC	300	4.23	Ecuador	2	0.04	Serbia	1	0.02
Laboratory products	624	8.81	Egypt	2	0.04	Singapore	1	0.02
LIMS	69	0.97	Estonia	3	0.07	South Korea	10	0.22
Mass Spectrometers	328	4.63	France	7	0.15	Spain	6	0.13
NMR	30	0.42	Germany	18	0.39	Sri Lanka	1	0.02
None	402	5.67	Ghana	3	0.07	Sudan	1	0.02
Pharmaceutical ingredients	29	0.41	Greece	8	0.17	Sweden	3	0.07
Spectroscopy	258	3.64	Guatemala	1	0.02	Switzerland	20	0.43
Supercritical fluid chromatography	9	0.13	Hong Kong	1	0.02	Taiwan	7	0.15
Thermal analyzers	68	0.96	Hungary	1	0.02	Thailand	1	0.02
Water purification systems	336	4.74	India	25	0.54	Trinidad and Tobago	1	0.02
Other	121	1.71	Indonesia	2	0.04	Turkey	5	0.11
N/A	3,257	45.97	Iran	3	0.07	Ukraine	1	0.02
Total	7,085	100.00	Iraq	4	0.09	United Arab Emirates	2	0.04
			Ireland	2	0.04	United Kingdom	15	0.33
			Israel	5	0.11	UNITED STATES	1,088	23.60
Group	Count	%	Italy	14	0.30	Vietnam	3	0.07
Argentina	2	0.04	Jamaica	2	0.04	Zaire	1	0.02
Australia	15	0.33	Japan	30	0.65	Zimbabwe	2	0.04
Austria	1	0.02	Kenya	1	0.02	N/A	3,070	66.58
Azerbaijan	1	0.02	Luxembourg	1	0.02	Total	4,611	100.00
Bahamas	1	0.02	Malaysia	2	0.04			
Bahrain	1	0.02	Mexico	12	0.26			
Bangladesh	1	0.02	Nepal	1	0.02			
Belgium	3	0.07	Netherlands	3	0.07			
Brazil	4	0.09	New Zealand	2	0.04			
Cameroon	2	0.04	Nigeria	18	0.39			
CANADA	59	1.28	Norway	2	0.04			
Chile	1	0.02	Peru	2	0.04			
China	63	1.37	Philippines	6	0.13			
Colombia	5	0.11						

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Division of Environmental Chemistry E-News

October 10, 2013

Dear ENVR members,

How great it was to see so many of you at the Fall Meeting in Indianapolis! In case you missed the Division's latest news, here are some updates on the Centennial Celebration, upcoming meetings, and other exciting things happening in the Division.

New Division Leadership

As we usher in our Centennial, we have transitioned leadership to a new Division Chair, Dr. Tracy Williamson. Dr. Xiaoping Pan will take over as our new Division Treasurer on January 1. To contact any of the Division leadership, information is available on our website: <http://acsenvr.com>

Spring 2014 Annual Meeting in Dallas, TX: Abstract Submission EXTENDED until October 21

Our Division will play a visible role at the 246th ACS National Meeting in Dallas, TX March 16-20th, 2014. This meeting's theme is "*Chemistry and Materials for Energy*" and we are offering a series of symposia that blend this theme and our Division's Centennial Celebration. Given concerns that authors who are federal government employees and currently on mandatory furlough may have difficulty meeting this week's deadline, **abstracts will be accepted through October 21**. Please submit through the ACS PACS system. (*Please note: this extension applies only to abstracts submitted to ENVR – please check the ACS meetings webpage for other technical divisions' deadlines.*) If you have any questions, please email ENVR Program Administrator, Peney Patton (division@acsenvr.com).

ENVR Centennial: Ways to Celebrate with the Division

At both the 2014 National Meetings (Dallas, TX in Spring and San Francisco, CA in Fall) the Division will celebrate its 100th Birthday! Since 1914 members of our Division have developed methodologies for the detection of environmental pollutants, proposed solutions to pressing global environmental problems, and continue to address emerging issues such as environmental applications and implications of nanotechnology, detection of pharmaceuticals in our water supply, and satisfaction of ever increasing demands for water and energy as the world's population grows. *We encourage you to submit papers for our thematic programming, attend special networking and reception events, and volunteer!* Please check out the call for participation at: <http://acsenvr.com/files/2013/02/130513Centennial-Invitation-Final.pdf>

Call for Symposia – 248th National Meeting, August 10-14, 2014, San Francisco, CA

We are now accepting proposals for the fall 2014 program in San Francisco. You are invited to submit your proposal to the ENVR Fall Program Chair, Dionysios Dionysiou, dionysios.d.dionysiou@uc.edu, for Centennial Series Symposia (theme “*Environmental Stewardship of Land, Air and Water*”), symposia cosponsored with AGRO and the IUPAC Congress of Pesticide Chemistry, ACS thematic symposia (theme “*Chemistry and Global Stewardship*”), or other important issue in environmental chemistry. Act now – San Francisco promises to be a very popular meeting and the ENVR program is filling up fast!

ENVR Members Elected as ACS Fellows

Congratulations to the following Division members for joining the 2013 Class of ACS Fellows. We are proud to have such distinguished members representing our Division.

Herbert E. Allen	<i>University of Delaware (Emeritus)</i>
Allen W. Apblett	<i>Oklahoma State University</i>
Warren V. Bush	<i>Shell Development Company (Retired)</i>
Alan W. Elzerman	<i>Clemson University (Emeritus)</i>
Anne T. O'Brien	<i>Wyeth (Retired)</i>
Mary Jane Shultz	<i>Tufts University</i>

Call for Volunteers!

We know... it can be difficult to find a way to engage with a group when you're not sure what there is to do, and how you can find something to do. Well, we're working on that! If you have an interest in volunteering – either on a single event or continuing basis – we want to hear from you. Please take a moment to email us what type of volunteering you're interested in doing (help at meetings, organizing symposia, local section outreach, student award committee, website content, etc.) and we'll add you to the database. Emails can be sent to the Division Business Office via Peney Patton (division@acsenvr.com). We look forward to working with you!

Link(ed)In with the Division

We've launched a group on LinkedIn – members are welcome to post job notices, start discussions and network with each other. Updates and features will be added soon – so join the ACS Division of Environmental Chemistry group today. *If you have a position (academic, industrial, government, etc.) please feel free to post a discussion on the home page, and designate it for the “jobs” tab!*

<http://www.linkedin.com/groups?groupDashboard=&gid=4900574>

Have Something to Share?

If you have an important message to share with EnvirofACS members such as upcoming meetings, awards, and the like, or would like to offer suggestions on how this Newsletter or the Division can better serve your and the community's needs, please email ENVR Publicity Chair, Jillian Goldfarb (JillianG@bu.edu).

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Division of Environmental Chemistry E-News

February 27, 2014

Dear ENVR members,

Centennial Celebration preparations are in full swing – we hope to see you at the Spring and Fall Meetings this year as we recognize the transformations our Division members have brought about in the fields of Environmental Engineering & Science. We need YOUR help to make this a success – nominate an outstanding student, submit a paper and join the celebration. Read on to learn more...

Nominate an Emerging Leader to Present at the Women in Environmental Science & Engineering Symposium

As a part of the Division's 100th Birthday this year, we're running a special symposium in San Francisco (August 10-14, 2014) to honor Women in Environmental Engineering and Science. If you know of an outstanding woman (undergraduate or graduate level) who is making her mark on the field at an early stage, please consider nominating her for the Emerging Leader Award. Several awards at both levels will be given; top students will have the opportunity to present short "Research Briefs" during the Symposium and present posters highlighted at SciMix, the ENVR Poster Session, and the ENVR Centennial Reception. A small travel subsidy will be provided to student awardees. Nomination forms are available on the website (acsenvr.com) and from Jillian Goldfarb at jilliang@bu.edu. *Nominations are due by March 10!!*

Help Support Students to attend the Division's Centennial Celebration!

The Division is looking for YOUR help to fund student travel to the Fall National Meeting in San Francisco. We are hoping to offer 10 students \$500 travel awards to enable students who wouldn't otherwise be able to travel to San Francisco to see what the buzz is all about! Our vision is to bring together Sponsors that will be recognized on the Division's posters at the various events, through the Division's website, and across other media to thank them for their generous support. *We hope that you will be one of these sponsors and enable one or more students to attend this meeting.* If you can lend your support, please email Peney Patton at division@acsenvr.com

Headed to the 247th National Meeting in Dallas? Make sure these are on your to-do list:

Judges Needed for ENVR Certificate of Merit and ENVR-SETAC Exchange

Help us acknowledge up-and-coming researchers in the field through these awards! Many of you are prior award winners...now we're asking you to give back to the program! If you are available, please respond to panx@ecu.edu with your willingness to serve, and please indicate the time frame during your stay that you will be open to judge (such as Wednesday AM, or PM, or night). We will assign judging tasks that usually not exceed 4 presentations (20 min each) per judge, ideally within a half-day time frame.

Cupcake Networking in Dallas!

Toast the Division's 100th Birthday with a cupcake, say hello to old friends, and meet new collaborators at two Networking Events 5:00-6:00 pm, Sunday & Wednesday in the Marriott Dallas City Center. This is your chance to informally network with other ENVR members and Conference attendees, speak with Division leadership, and learn more about ENVR happenings!

Call for Abstracts: 248th National ACS Meeting, San Francisco, CA, August 10-14, 2014

You are invited to submit abstracts for the Fall 2014 ACS National Meeting. Short abstracts (150 words or less) for platform or poster presentation may be submitted at <http://abstracts.acs.org> through March 10, 2014. The Call



for Papers for ENVR symposia is available on the Division website (www.acsenvr.com) and the ACS website (www.acs.org/meetings). There are over 30 different symposia, many of them helping to celebrate the Division's Centennial.

Represent ENVR in a Special CHED Sustainability Symposium

ENVR has been asked by the Program Committee for the Division of Chemical Education to contribute to a special CHED symposium in San Francisco: "**Sustain-Mix: Sustainability Across the Divisions.**" ENVR may select one speaker to discuss ways in which chemists in ENVR are working toward the goal of sustainability. If you would like to present an abstract or nominate another ENVR member for this symposium, please contact the ENVR Fall Program Chair, Dion Dionysiou (dionysios.d.dionysiou@uc.edu). This symposium is a perfect match with the overarching theme of the meeting "Chemistry and Global Stewardship." The goals of this symposium are two-fold. First, the organizers aim to provide a forum in which examples of sustainability in a wide variety of chemical contexts will be discussed, all of potential use in our classrooms. Second, we hope to seed ideas about cross-divisional work that we might be able to do in the future. Ultimately, CHED and ENVR would like to produce an ACS Symposium book as an outcome of this symposium.

Honorary Symposium in Memory of Prof. W. Frank Kinard

We are pleased to cosponsor an ACS Division of Nuclear Chemistry and Technology (NUCL) symposium at the San Francisco meeting held to honor the memory of Prof. W. Frank Kinard. Prof. Kinard, a member of both ENVR and NUCL divisions, devoted his career to teaching and research in the field of environmental radiochemistry. Please consider submitting an abstract to the "Lifetime of Contributions to Science, Summer Schools and our NUCL Division Family: Symposium in Honor of Frank Kinard." Also, NUCL has established a Distinguished Service Award in honor of Frank. The award will be presented for the first time at the San Francisco meeting during the NUCL Business Meeting, on Monday, August 11th. For more information, contact symposium organizer Brian Powell - bpowell@clemson.edu.

Attend Two Meetings at Once at the Fall National Meeting in San Francisco

The 13th IUPAC International Congress of Pesticide Chemistry, programmed by the ACS AGRO Division, will be held concurrently with the Fall 2014 ACS National Meeting and located in the same venue with ENVR. Over 40 symposia, many cosponsored by ENVR, will cover topics ranging from discovery chemistry to evolving regulations, from advances in environmental risk assessment to new developments in stewardship and outreach. AGRO and ENVR are working to coordinate programs so you can attend more sessions on topics of interest to you. For more information about the Congress: www.iupac2014.org.

ENVR Undergraduate Award Nominations Due April 1

The Division of Environmental Chemistry sponsors annual awards to full-time undergraduate students currently enrolled in a United States education institution in chemistry, environmental engineering or other programs emphasizing environmental chemistry. To nominate an outstanding student, please visit acsenvr.com. *Nominations are due by April 1.*

ENVR: New Members Only Website Section

The ENVR Website, acsenvr.com, has a new members-only section, where we will archive ENVR Abstracts of past and future meetings, and post abstracts and preliminary programs before they are available on the ACS Website. There's even a page to post jobs! The login is your email address, password is your membership number.

5th EuCheMS Chemistry Congress, Istanbul, Turkey, August 31-September 4, 2014

While you're in meeting mode, consider submitting an abstract to the EuCheMS meeting! At this year's conference, symposia in the Resources and Environment Topic (co-sponsored by ENVR) include *Environmental Contaminants of Emerging Concern, Advanced Oxidation Processes in Water and Wastewater Treatment, Water Quality and Food Production, Natural Resources and Mining, and Air Quality*. More information is available on the website at www.euchems2014.org, and by contacting Dr. Manfred Grasserbauer at Manfred.grasserbauer@aon.at. Abstracts are due May 15, 2014.



Complimentary Access to First Issue of *Environmental Science & Technology Letters*

All readers will enjoy free access during 2014 to the [inaugural issue](#) of *Environmental Science & Technology Letters (ES&T Letters)* featuring 27 articles. *ES&T Letters*, the new peer-reviewed journal complementing *Environmental Science & Technology (ES&T)*, is an international forum for brief communications and short reviews on pure and applied environmental science, and emerging environmental science & technology topics. Read more at bit.ly/estlett.

ENVR Member David Sedlak Featured on MSNBC's Melissa Harris-Perry

Kudos to David Sedlak for his February 9 appearance on MSNBC! The video can be seen at:

<http://www.msnbc.com/melissa-harris-perry/watch/band-aids-on-cesspools-in-west-virginia-144145987720>.

David is the author of a new book, *Water 4.0*.

Have Something to Share?

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