SEAC*communications*

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PRESIDENT'S MESSAGE

Gentlefolks:

As I conclude my term as President of SEAC, there are several things to note.

First, the Reilley Endowment supports the Reilley Award. The original plan was for an endowment of $100,000. In the 30 years of the Society's existence, we have reached approximately 70% of that objective. Before I was President, I was Treasurer for about eight years, and every year, we were limited in what we could accomplish because the Reilley Endowment was underfunded and we were forced to use resources from the operating budget. This limits the activities of the Society. At the last Board Meeting in Philadelphia, it was decided that more SEAC activities and more student travel grants were appropriate and that SEAC should engage in these activities. The first step is to stabilize the Reilley Endowment so that it suffices to support the Reilley Award activities. Bill Heineman has most generously agreed to organize efforts to bring funding of the Reilley Endowment to appropriate levels. At some point, under the reign of the incoming President Adrian Michael, we will send additional data about these efforts and activities. Thank you, Bill.

Second, in the past two years, we have identified excellent Reilley Awardees, Deborah Rolison and Andy Ewing and Young Investigators Lane Baker and Bo Zhang. Andy has generously donated his Reilley Award Check to support SEAC fundraising. Thank you, Andy! The Awards Committee has identified our 2014 Reilley and Young Investigator Awardees. The Reilley Awardee is Joe Hupp and the Young Investigator is Steve Maldonado. Both are excellent choices. Congratulations to Joe and Steve, who will be fêted at the 2014 Reilley Award Symposium and reception in Chicago. Thank you to Mark Meyerhoff and the Awards Committee for their excellent work.

Third, thank you to the corporate sponsors who support SEAC and its activities: BASi, CH Instruments, Gamry Instruments, Metrohm Autolab, Pine Research Instruments, Princeton Applied Research, Thermo and Fisher Scientific, and PITTCON. Their generous support over the years has allowed many activities, including support for student travel.

Fourth, thank you to all the members of the Board of Directors who have made SEAC activities possible and for agreeing to a person to assume whatever odd task I asked. Thank you to those who organized and contributed to the SEAC sessions and poster sessions. Thank you for sending your students. Thank you to Phil Buhlmann for the newsletter and Sam Kounaves for the webpage and communications. Thank you to our Treasurer Petr Vanysek and our Secretary Faye Rubinson for all their hard work. Thank you to Shelley Minteer, Kathy Ayers, and Frank Zamborini for their commitment as they chaired committees important to the success of SEAC. Thank you to Jill

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How Easy it is to Become a SEAC Member

Venton and Dave Cliffel for agreeing to serve on the Nominating Committee and to Steve Maldonado as the newly created Liaison for Student Activities.

A most substantial thank you and acknowledgment goes to Jon Howell for his long service as SEAC Secretary. That the organization can respond rapidly and has protocols in place to be organized every year, it is because of Jon's tireless efforts. Thank you, Jon.

My best wishes to our incoming President Adrian Michael. Thank you for quiet words of wisdom to keep us on track.

Thank you to the members who always respond with enthusiasm and commitment.

Finally, try to stay inside the standard deviations. If you find it necessary to exceed the standard deviations, then make sure it is in a good cause.

Thank you,
Johna Leddy

Pittcon 2014: August Deadline Looming

Pittcon 2014 will be at the McCormick Conference Center in Chicago IL from March 2–6.

We are still waiting for news from the Pittcon organizers, but be forewarned that Phil Buhlmann submitted a proposal for a **SEAC student poster session**. If you are a student, please consider submitting a poster by the August deadline. If you are an advisor, please encourage your students to submit a poster to this poster session. To designate your poster for the SEAC student poster session, write on the first line of the preliminary abstract "for SEAC poster session."

Johna Leddy submitted suggestions for two symposia and one organized session.

SEAC Awards 2014

The Reilley Awardee 2014 is Joe Hupp of Northwestern University, and the SEAC Young Investigator Awardee is Stephen Maldonado of the University of Michigan. smald@umich.edu. The symposium honoring the two awardees at Pittcon 2014 is being organized by Mark Ratner from Northwestern University.

Stephen Maldonado received his BS in chemistry from the University of Iowa. He was awarded a National Science Foundation Graduate Research Fellowship and a Donald D. Harrington Graduate Fellowship and started graduate research at the University of Texas at Austin in 2001. Stephen's graduate work in the laboratory of Professor Keith J. Stevenson focused on the intrinsic electrocatalytic activity of nitrogen doped graphitic carbon electrode materials for O_2 reduction. Following graduation in 2006, Stephen was awarded a Ford Foundation Postdoctoral Fellowship and joined the laboratory of Prof. Nathan S Lewis at the California Institute of Technology. As postdoctoral researcher, Stephen studied chemically modified Si heterojunctions. In 2008, Stephen joined the faculty in the chemistry department at the University of Michigan, Ann Arbor. His group works in the area of semiconductor electrochemistry, focusing on the design and electrodeposition of nanostructured semiconductor electrodes. His group has recently reported a new method for electrochemically growing crystalline semiconductors at low temperatures. Stephen received an NSF CAREER Award in 2010, was named a Sloan Research Fellow in 2013, and has previously served as a member of the State of Michigan Green Chemistry Roundtable (2009-2012).

SEAC is in Wikipedia

From our student editor Xu U. Zou

The collaboratively edited and free internet encyclopedia Wikipedia now features an article about SEAC (http://en.wikipedia.org/wiki/The_Society_for_Electroanalytical_Chemistry). Almost all Wikipedia articles can be edited by anyone with access to the internet. Please feel free to edit or provide new information, independent references, and opinions on improving this article.

As I learned while preparing this article, in order for a new Wikipedia entry to be accepted, reliable independent sources have to be cited as support. Trying to find appropriate references, I realize that SEAC has had only little coverage by media or other citable sources, which is something members may want to think about.

The Wikipedia article in its current form reads as follows:

The **Society for Electroanalytical Chemistry** (**SEAC**) is a scientific society based in the United States which promotes advances in both basic and applied research in electroanalysis. Founded in 1984, SEAC has members at all education levels from academia, industry and government. It provides a platform for the exchange of ideas and recognition of achievements in the electroanalytical community. [1][2][3][4]

Origins

In 1984, a group of electroanalytical chemists formalized a new organization for scientists who were interested in the theory and application of electroanalytical chemistry. The initial purpose of SEAC was to select the annual recipients of the Charles N. Reilley Award in Electroanalytical Chemistry. The first award went to Allen J. Bard from University of Texas at Austin and was presented on Monday, March 5,

1984 in Atlantic City, New Jersey at the 1984 Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy in the “Symposium on New Techniques in Electroanalytical Chemistry”.[5][6]

Activities

SEAC Communications

SEAC Communications is an online newsletter, covering recent news for the electroanalytical research community, member news, award information and more. The current chief in editor is Philippe Buhlmann.[7]

Awards

Charles N. Reilley Award in Electroanalytical Chemistry

The Charles N. Reilley Award is given in memory of one of the most distinguished analytical chemists of the 20th century. The award is given annually at the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy to recognize the awardee's significant contributions to electroanalytical chemistry.[8][9][10][11]

SEAC Young Investigator Award

SEAC Young Investigator Awards are awarded annually to untenured professors who obtained their Ph.D. or other terminal degree within the last ten years prior to nomination. Candidates may be nominated by any member of SEAC.[9][12][13]

SEAC Graduate Student Travel Grants

SEAC Graduate Student Travel Grants are awarded to promising graduate students to offset the cost of travel to the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy to deliver a presentation at a conference symposium. The presentation should be on a topic related to their dissertation or thesis, and in some area or application of electroanalytical chemistry.[14]

References

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10. ^ "Highlight Seminar Series: Debra Rolison, U.S. Naval Research Laboratory". Andlinger Center for Energy and the Environment. Retrieved February 22, 2013.
11. ^ "ACS - DAC DIVISION NEWSLETTER January 2013". Retrieved Jan 31, 2013.
12. ^ "Bo Zhang receives SEAC 2013 Young Investigator Award". Retrieved Jan 31, 2013.
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PITTCON 2013—MARCH 17–21

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MEETINGS TO COME

Meetings of interest to our SEAC members abound during the coming year, with symposia being organized by some among us.

Meeting	***When***	***Where***	***Link for More Information***
9th International Symposium on Electrochemical Impedance Spectroscopy	2013, June 16–21	Okinawa, Japan	http://www.rs.tus.ac.jp/eis2013/index.html
Faraday Discussion 2013 - Electroanalysis at the Nanoscale	2013, July 1–3	Durham, UK	(Contact: Richard Compton)
American Chemical Society Fall Meeting	2013, Sept. 8–12	Indianapolis, IN, USA	http://portal.acs.org/
64th Annual ISE Meeting	2013, September 8–13	Santiago de Querétaro, Mexico	http://annual64.ise-online.org/
224th ECS Fall meeting	2013, Oct. 27–Nov. 1	San Francisco, CA, USA	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm
Southeastern Regional Meeting of the ACS, "NanoElectrochemistry in Biomedical Research and Energy Technology" sessions	2013, Nov. 12–16	Atlanta GA, USA	http://www.sermacs2013.org
Gordon Research Conference: Electrochemistry	2014, Jan. 5–10	Ventura CA, USA	http://www.grc.org/programs.aspx?year=2014&program=elecchem
Pittcon 2014	2014, March 2–6	Chicago, IL, USA	http://www.pittcon.org/
American Chemical Society Spring Meeting	2014, March 16–20	Texas TX, USA	http://portal.acs.org/
14th ISE Topical Meeting	2014, March 28–31	Nanjing, China	http://www.ise-online.org/annmeet/next_meetings.php
15th ISE Topical Meeting	2014, April 27–30	Niagara Falls, Canada	http://www.ise-online.org/annmeet/next_meetings.php
Gordon Research Conference: Electronic Processes in Organic Materials	2014, May 4–9	Lucca, Italy	http://www.grc.org/programs.aspx?year=2014&program=elecproc
225th ECS Spring meeting	2014, May. 11–16	Orlando FL, USA	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm
2014 Matrafured International Conference on Electrochemical Sensors	2014, June 15–20	Near Budapest, Hungary	http://www.matrafured-conference.bme.hu
Gordon Research Conference: Bioanalytical Sensors	2014, June 22–27	Newport RI, USA	http://www.grc.org/programs.aspx?year=2014&program=biosens
Gordon Research Conference: Bioelectrochemistry	2014, July 6–11	Biddeford ME, USA	http://www.grc.org/programs.aspx?year=2014&program=bioelec
Gordon Research Conference: Electrodeposition	2014, July 27–August 1	Biddeford ME, USA	http://www.grc.org/programs.aspx?year=2014&program=elecdep
American Chemical Society Fall Meeting	2014, Aug. 10–14	San Francisco CA, USA	http://portal.acs.org/

Meeting	*When*	*Where*	*Link for More Information*
65th Annual ISE Meeting	2014, August 31–September 5	Lausanne, Switzerland	http://www.ise-online.org/annmeet/next_meetings.php
226th ECS Fall meeting	2014, October 5–11	Cancun, Mexico	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm
Pittcon 2015	2015, March 8–14	New Orleans, LA, USA	http://www.pittcon.org/
66th Annual ISE Meeting	2015, October 4–9	Taipeh, Taiwan	http://www.ise-online.org/annmeet/next_meetings.php

NanoElectrochemistry in Biomedical Research and Energy Technology

The Southeastern Regional Meeting of the American Chemical Society (SERMACS) will be held at the Loews Hotel in Midtown, Atlanta, November 12–16, 2013. Gangli Wang from Georgia State University, Larry Bottomley from GaTech and John Stickney from UGA are organizing three half-day sessions with the main theme of "NanoElectrochemistry in Biomedical Research and Energy Technology", to be presented in the ANYL division.

NEWS FROM MEMBERS

On January 20, 2013, a one-day symposium took place at the Weizmann Institute of Science with distinguished speakers from Israel and abroad in honor of the 65th birthday of ***Israel Rubinstein***, Department of Materials and Interfaces, Weizmann Institute of Science, Rehovot, Israel.

Israel emphasizes that he likes in particular the "3 generation" picture, with his former PhD student Dr. Hannoch Ron and his former PhD adviser Prof. Eliezer Gileadi.

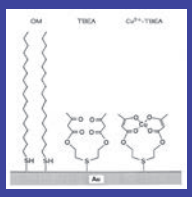
מכון ויצמן למדע
WEIZMANN INSTITUTE OF SCIENCE

From Electrochemistry to Functional Nanomaterials

Symposium in Honor of Prof. Israel Rubinstein on the Occasion of his 65th Birthday

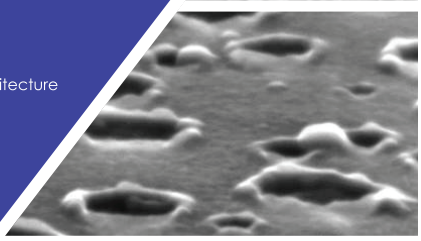
Weizmann Institute of Science, Schmidt Auditorium

January 20th, 2013



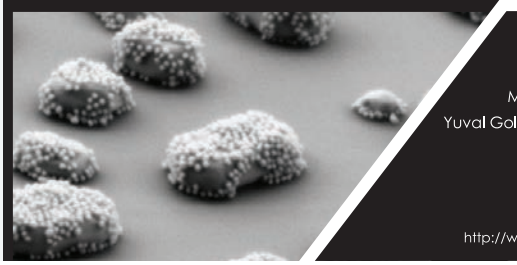
Speakers

Eliezer Gileadi, Tel-Aviv University
Gary Hodes, Weizmann Institute
Jurriaan Huskens, University of Twente
Zineb Mekhalif, University of Namur
Jurgen Rabe, Humboldt University Berlin
Patrik Schmuki, University of Erlangen-Nuremberg
Meni Wanunu, Northeastern University
Michael Ward, New York University
Itamar Willner, Hebrew University



Sponsors:

Helen and Martin Kimmel Center for Nanoscale Science
Gerhardt M.J Schmidt Minerva Center on Supramolecular Architecture
Maurice and Gabriela Goldschleger Conference Fund at the Weizmann Institute of Science
Departement of Materials and Interfaces



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Yuval Golan (BGU), Daniel Mandler (HUJI), Hannoch Ron (HP)

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Goodbye USA, hello Germany—An Update from *Dick Durst*

I can't believe that in June, my wife, Antje Baeumner, our kids, Vincent and Julia, and I are moving to Germany! This will be a great adventure for all of us, and we are looking forward to it with some trepidation (especially me). The kids are fluent in German (thanks to Antje) and should adapt easily. I, on the other hand, speak enough German that I can order beer and sausages and ask for directions to the toilet (What else does one need?). So how did this all come about?

The University of Regensburg in Germany made Antje an offer of an institute chair and full professor position that she couldn't refuse. The offer is accompanied with so many attractive enticements that they were able to lure her away from Cornell and also lure our children and me away from our friends and beloved Ithaca. Trust me, it has not been an easy decision, in fact, it has taken us more than a year to finally decide that this is the right future venue for her career and for our family. I always thought we would stay at Cornell until we both retired. Antje has wonderful colleagues and excellent students, great staff and fantastic facilities. Cornell is, in short, a great university.

So why are we leaving? There is not one single reason, but it is a combination of circumstances that lead us to making this decision; and we are fortunate to be able to decide between two exceptionally good places. Among the professional reasons, I would have to say that the declining funding situation for research in the US, the ever-growing difficulty to perform long-term research, and the increasing rigidity of our academic system certainly have become quite troublesome. In contrast, Germany has been, and is, investing significantly in research and science, in the formation of centers of excellence and in promoting research and teaching. While Regensburg is a young and small-sized university by German standards, it just has made a strategic decision to foster bioanalytical research as one of its main foci. In addition, in recent years, a Fraunhofer Group for sensing materials and many other industries have settled in Regensburg leveraging and contributing to this focus. Antje will become full professor and chair of the Institute of Analytical Chemistry, Bio- and Chemosensors at Regensburg University, which is the best endowed analytical chemistry chair in Germany. The Institute is at the nexus of the recently initiated bioanalytical center of excellence at the university with more than 30 faculty participating from the departments of chemistry, biology and physics. Aside from a generous start-up package, her position comes with ample research and support staff and graduate student positions (all with permanent funding) and, of course, some teaching and administrative duties.

Regensburg itself is a beautiful German city. It was never destroyed in any of the wars and is a UNESCO World Heritage Site. We hope to see many of you visiting us, to explore the rich culture of Regensburg, nearby Nuremberg, the Romantische Strasse, Munich, Prague and so much more in the region. It is on the beautiful "blue" Danube River, about 1 hour north of Munich airport, and at the west side of the Bavarian Forest, which is the largest protected forest area in central Europe and Germany's first national park. Of course, it can never match the lakes, waterfalls and gorges of the Finger Lakes, but that is a tradeoff we'll have to suffer.

Antje and I will continue to participate in SEAC activities (since we're both life members) and hope to see many of you at conferences, including Pittcon, in the future.

Auf Wiedersehen, Dick Durst

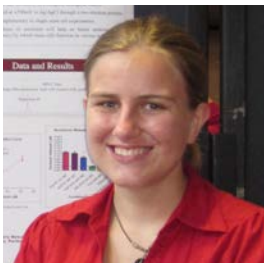
Alice H. Suroviec has been promoted and tenured to Associate Professor at Berry College, which explains on its web page that it has the largest campus in the world, spanning 26,000 acres in the town of Rome, GA. Alice obtained her PhD in 2005 at Virginia Tech, Blacksburg VA, working with Mark Anderson (who is now Dean of the College of Science and Mathematics at Kennesaw State University, Kennesaw GA) and spent two years at Concordia College in Moorhead MN as visiting assistant professor prior to moving to Berry College.

Need a singing lesson? Check out past Reilley Award winner ***Chuck Martin***, University of Florida, with his song for freshman chemistry "Bond of Life." Heartfelt homage to chemistry and the teaching thereof.
http://www.youtube.com/watch?v=8NcOKWaWsNk&list=UUih2aGWCf6KpP4IrZ-0eSDg&index=1

Congratulations to ***Joseph Wang***, University of California San Diego, for receiving the 2013 Spiers Memorial Award from the UK Royal Society of Chemistry (RSC) 'for his outstanding contributions to Electrochemistry and Nanobiotechnology'. The award will be presented in Durham during the 2013 Faraday Discussion (Electroanalysis at the Nanoscale):
http://www.rsc.org/ScienceAndTechnology/Awards/SpiersMemorialAward/Index.asp

Christy Haynes, University of Minnesota, gave the Kavli Emerging Leader lecture at the Spring ACS meeting, featuring her group's amperometry-based assessment of nanoparticle toxicity.

Sarah Gruba (University of Minnesota, Haynes group graduate student) has won a travel award based on her entry for the 75th anniversary of the ACS Division of Analytical Chemistry slide contest - this will allow her to present a Fall ACS poster about the importance of ***Izaak Kolthoff*** to modern chemistry.



Secil Koseoglu and ***Christy Haynes*** (University of Minnesota) were featured in a Minnesota Public Radio story about amperometric measurements from single platelets (http://minnesota.publicradio.org/display/web/2013/02/18/daily-circuit-field-notes) .

Andy Ewing, Chalmers Univ. and Univ. of Gothenburg, will receive the ACS-DAC Electrochemisry Award at the 2013 fall ACS meeting.

HOW EASY IT IS TO BECOME A SEAC MEMBER

Any individual with an interest in electroanalytical chemistry is invited to join SEAC. Regular one-year membership dues are $30. Student dues are $10. Dues are payable on January 1 of each year. A lifetime membership option is available for $300, payable either as a lump sum or in three annual, nonrefundable installments of $100.

To become a new member of SEAC, go to http://electroanalytical.org/membership.html and fill out the downloadable membership form.