SEAC*communications*

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PRESIDENT'S MESSAGE

Dear SEAC Members,

Well, I would like to start my first president's message with a thank you to Adrian Michael for all of his hard work and dedication as President of SEAC for the last two years. I have big shoes to fill in the next two years. Thanks again, Adrian!!! I would also like to thank Mark Meyerhoff for his many years of being our Awards Chair. He has done an excellent job and Tito Abruna is now taking over the reigns as Award Chair, so start thinking about sending Reilley Award and Murray Award nominations to Tito in early 2016. Special thanks also goes to Frank Zamborini for being our membership chair for the last several years. Lane Baker will be taking over those tasks and you can read on for more information about encouraging and retaining membership through social media in this newsletter. I am looking forward to a great Pittcon 2016 and exciting award symposium talks by Reg Penner and Ryan White.

Shelley Minteer
President, 2015-2017

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CAPITAL CAMPAIGN FOR THE SEAC ENDOWMENT

The Capital Campaign to ensure that SEAC has a self-sustaining endowment for continuation of its major activities is still in progress. Establishing such an endowment has long been SEAC's goal and substantial progress has been made.

As SEAC is a 501(c)(3) corporation the full amount of your contribution will be tax deductible, and you will be provided with a receipt for your tax records. We hope that we can count on your help. Contributions in any amount will be greatly appreciated and we have established the following Donor levels:

Sustaining Donor $2,000+
Platinum Donor $1,000 - $1,999
Gold Donor $500 - $999
Silver Donor $250 - $499
Bronze Donor $100- $249

Contributions may be made via Paypal or credit card by using the "Fundraising Contribution" option at http://electroanalytical.org/membership.html.Checks may be sent to the Treasurer at

Petr Vanysek, Treasurer
Society for Electroanalytical Chemistry
PO Box 173
DeKalb, IL 60115-0173

There is also an option being set up for donation of stock to the Society. Further details on this alternative will be announced as they become available.

Thank you to everyone who has contributed to date: the response has been most generous.

CALL FOR NOMINATIONS FOR BOARD OF DIRECTORS AND OFFICERS OF THE SOCIETY

The call for nominations for Board members for 2016-2020 and for President-Elect, Treasurer, and Secretary for 2016-2018 is coming up soon. Details will be sent out during early September with a late October/early November deadline. Please start thinking about possible candidates!

SEAC GRADUATE STUDENT TRAVEL GRANT NOMINATIONS

The SEAC Graduate Student Travel Grant, sponsored by Metrohm Autolab, Princeton Applied Research, CH Instruments, Gamry Instruments, and Pine Research Instrumentation, is awarded to promising graduate students to offset the cost of travel to the Pittsburgh Conference to deliver an oral or poster presentation in 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.

Because the costs in various venues of the Conference may vary, the amount of the award will be determined by SEAC and will be between $250 and $500. The value of all of the awards in any one year will be equivalent, but it may vary from year to year. The award will not exceed the reasonable cost of advance-purchase economy airfare and reasonable expenses for lodging, nor the awardee's actual expenses. In order to spread the travel money as equitably as possible, not more than two awardees

will be selected from any one research group and no more than three awards will be made to students from any one educational institution.

Nominations for travel grants are due to the SEAC awards committee chair by January 20th. The nomination shall consist of the student's current graduate transcript, a copy of the abstract submitted to the Pittsburgh Conference, a complete resume including publication list, and a letter of recommendation from the student's research advisor. The advisor's letter should include a statement of approximate graduation date and a short description of the student's speaking ability. A candidate shall be considered for an award for travel to Pittcon meetings occurring up to one year after the student's Ph.D. defense. Previous awardees will not be eligible for further consideration.

Award nominations should be submitted as a single pdf file to: Prof. Héctor D. Abruña, Department of Chemistry & Chemical Biology, Cornell University, Ithaca NY 14853-1301; hda1(at)cornell.edu

NEW BOARD MEMBERS

We welcome the new board members Ingrid Fritsch (Department of Chemistry and Biochemistry, University of Arkansas), David Wipf (Department of Chemistry, Mississippi State University), and Michael Heien (Department of Chemistry and Biochemistry, The University of Arizona).

Ingrid Fritsch is a Professor in the Department of Chemistry and Biochemistry at the University of Arkansas. She received a B.S. in Chemistry from the University of Utah and a Ph.D. in Chemistry from the University of Illinois at Urbana-Champaign under the direction of Dr. Larry R. Faulkner. She was a postdoctoral associate at the Massachusetts Institute of Technology in the laboratory of Dr. Mark S. Wrighton. At the University of Arkansas she has pioneered the field of redox-magnetohydrodynamic microfluidics and developed multifunctional miniaturized analytical devices and sensors with integrated components on a single substrate, including protein and DNA-hybridization microarrays interfaced to electrochemical detection. She is the recipient of the 1997 Society of Electroanalytical Chemistry Young Investigator Award, a National Science Foundation Career Award, a NSF Special Creativity Extension, and the University of Arkansas Golden Tusk Award. She is an American Chemical Society Chemistry Ambassador, a Fellow of the National Academy of Inventors, and a co-founder of SFC Fluidics, Inc.

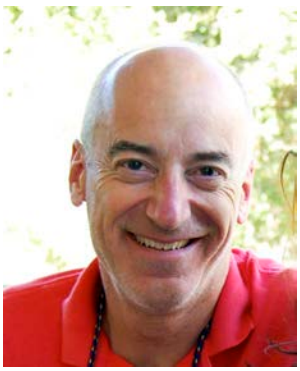
David Wipf is a Professor of Chemistry at Mississippi State University. David received his Ph.D. in Analytical Chemistry in 1989 while working with Mark Wightman at Indiana University. His postdoctoral appointment was with Allen Bard at the University of Texas. He started his independent research path when he was hired as an assistant professor at Mississippi State University in 1992. His research at Mississippi State concentrates on developing new operating modes for the scanning electrochemical microscope, investigating corrosion processes, and developing new types of energy storage materials.

Michael Heien is an Assistant Professor in the Department of Chemistry and Biochemistry at the University of Arizona. He received his B.S. from Truman State University and his Ph.D. from the University of North Carolina at Chapel Hill under the direction of R. Mark Wightman. He did a post-doc for Jonathan Sweedler at the University of Illinios before accepting a position at Penn State as a Research Assistant Professor. His laboratory frequently employs mass spectrometric and electrochemical methods both *in vivo* and *in vitro* to determine the identity and concentration of bioactive molecules. He routinely build microelectrodes sensitive to various ions and neurotransmitters with micron dimensions. His lab excels in instrumentation design and construction. At the University of Arizona, he has pioneered FSCAV, a technique that can measure tonic concentrations of neurotransmitters such as serotonin and dopamine every 20 seconds.

PITTCON 2016

Charles N. Reilley and Royce W. Murray Young Investigator Awards Symposium

The highlight of the SEAC activities at Pittcon will be the presentation of the 2016 C. N. Reilley Award to Reg Penner, University of California Irvine, and the Royce W. Murray Award to Ryan White, University of Maryland Baltimore County.



Reg Penner is Chancellor's Professor and Chair of the Department of Chemistry at the University of California, Irvine. He studied at Texas A&M University with Professor Charles R. Martin and he received a Ph.D. in 1987. He was a postdoctoral fellow with Professor Nate Lewis at Stanford University and Caltech, before starting his appointment at UC Irvine in 1990. Professor Penner is an electrochemist whose research group develops methods based upon electrodeposition for making nanomaterials, such as nanowires, composed of metals, semiconductors, and other materials. He is an A.P. Sloan Fellow, a Camille and Henry Dreyfus Teacher-Scholar, an NSF and ONR Young Investigator, and a Fellow of the American Association for the Advancement of Science (AAAS). He received the Hellmuth Fischer Medal from Dechema in 2000 and the Faraday Medal from the Royal Society of Chemistry in 2009.

Ryan White is an assistant professor at the University of Maryland Baltimore County (UMBC). After performing undergraduate research with Royce Murray at the University of North Carolina, he completed his graduate work in 2007 at the University of Utah under the mentorship of Henry White. Ryan continued his studies as a NIH postdoctoral fellow at the University of California, Santa Barbara with Kevin Plaxco before beginning his independent career. Ryan joined the faculty at UMBC in the Fall of 2011 where his group works on the development of bio-inspired electrochemical sensors using functional nucleic acids and transmembrane proteins.

SEAC on Facebook, Twitter, and More?

A contribution by Anne Regel and Lane Baker

This year SEAC's presence on social media increased from about 150 likes on our Facebook page to almost 800. Stop by our page to see updates on what is happening with SEAC members and events. You can also post links to journal articles or make us aware of future presentations. Don't be shy, we love to hear about what our members are doing! The SEAC page is also a place to ask questions and communicate with other members. You can also follow us on Twitter, for short updates including, when and where SEAC sponsored events are going on at conferences. If you haven't already, you can find us on Facebook at https://www.facebook.com/societyforelectroanalyticalchemistry or follow us on Twitter, @electroanalysis.

Student & Postdoc SEAC members : Want to be more involved in SEAC? Do you tweet? Do you post? Help spread word of the goings on at SEAC! We are looking for "correspondents" to post and tweet to SEAC social media accounts (Facebook, Twitter, LinkedIN) from Pittcon 2016. If you are interested in helping, contact Lane Baker (SEAC Membership, lanbaker@indiana.edu) or Anne Regel (SEAC Social Media, regel.ar@gmail.com).

A NEW FORUM FOR CHEMICAL SENSOR RESEARCH… ACS SENSORS IS HERE!

The ACS has launched a new journal with a chemical sensor focus, ACS Sensors. The journal is headed by our friend Justin Gooding from UNSW in Australia and while the focus of the journal will be broad, the inaugural associate editors all have a strong electrochemistry background: we have Shana O'Kelly (U of Toronto), NJ Tao (Arizona State University), Yitao Long (East China University of Science and Technology) and myself. Armed with an outstanding editorial advisory board, the journal aims to become the central forum for chemistry driven sensor research. Reports on challenging applications will be equally welcome as innovative sensing concepts, but the focus must be on eventually solving a real world sensing problem.

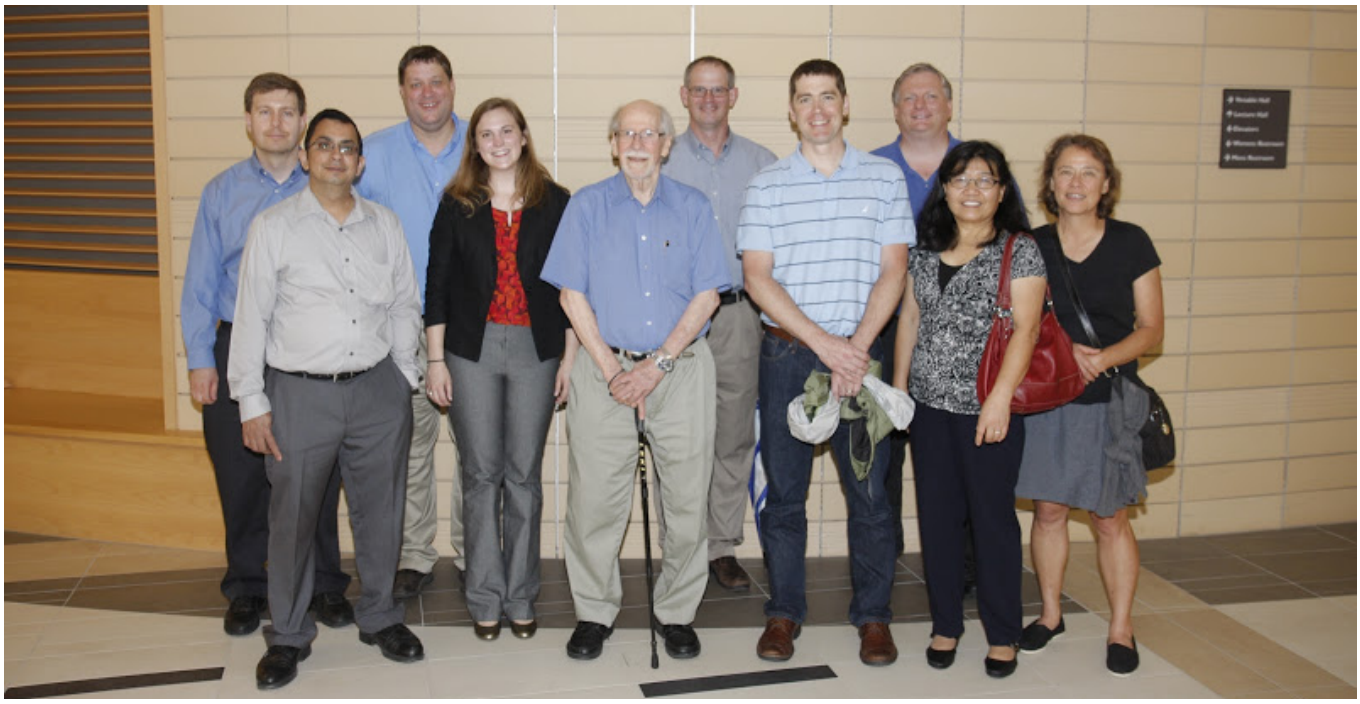
So please join in and submit your best sensor work to this exciting new journal. More information is found at http://pubs.acs.org/journal/ascefj

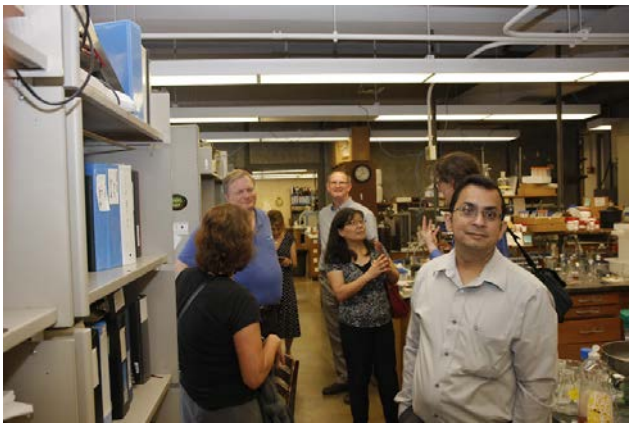
All the best from Geneva,
Eric Bakker

ROYCE MURRAY'S FINAL GRADUATE STUDENT

A contribution by Frank Dalton

On June 2, 2015, there was a small gathering of several generations of Dr. Royce Murray's former graduate students at UNC-Chapel Hill. The occasion was the final defense of Dr. Murray's final graduate student (Katie Michaux), which occurred ~50 years after the final defense of Dr. Murray's first graduate student (Donald J. Gross).



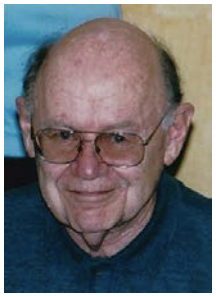


The set of photos from the Murray event can be found at the link below. Also below the link are the names and associations for all of the folks involved. Note that SEAC's own Tim Paschkewitz was also present, but they made him take all the photos, so you don't actually see him:
http://360glassware.com/wp-content/uploads/2015/06/murray_group_final_defense.pdf

List of attendees: Joe Tracy (NC State University), Bala Ramjee (Old Dominion University), David Cliffel (Vanderbilt University), Katie Michaux & Royce Murray & Mark Wightman (U of North Carolina), Steve Creager (Clemson University), and wife Sarah Gray, Chris Beasley (Gamry Instruments), Frank Dalton, Greg McCarty, Marion Jones, Tim Paschkewitz and Li Sun (Pine Research Instrumentation), Honghua Zhang (NAT Diagnostics), Connie Sosnoff (Centers for Disease Control), Mike Pinkerton (Analytical Scientific Instruments US).

NEWS FROM MEMBERS

In the last issue we learned about the passing of ***Herb Silverman***. In June 2015 SEAC Treasurer Petr Vanysek received a letter from Ms. Gloria Silverman, Herb's spouse. She expressed her thanks to SEAC for commemorating her husband in the Newsletter. Enclosed in the letter was a check for $500 for the SEAC Endowment Fund, which Ms. Gloria Silverman sent to honor her husband. On behalf of SEAC, thank you very much for the generous gift.

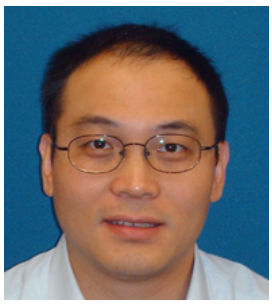


Allen J. Bard laughed when we asked him how it feels being the "Father of Electrochemistry." He's humble, candid, and insightful. Check it out on youtube or as podcast.
https://www.youtube.com/watch?v=Jaq04XBjqIs
http://www.ecsblog.org/podcasts/ecs-podcast-allen-j-bard-father-of-modern-electrochemistry/

Sadagopan Krishnan, Assistant Professor in the Department of Chemistry at Oklahoma State University, recently received the Sigma Xi Young Investigator Award 2015 (Oklahoma State University Chapter)".

At Scix in Providence, ***Alexander Scheeline***, Professor Emeritus from the University of Illinois at Urbana-Champaign will be made an Honorary Member of the Society for Applied Spectroscopy.

George W. Luther, III, Maxwell P. and Mildred H. Harrington Professor of Marine Chemistry, University of Delaware, has been selected as a Fellow of the American Chemical Society.

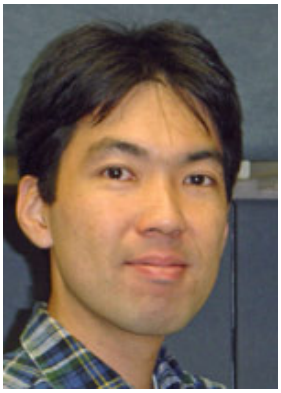


Shouzhong Zou has recently moved from Miami University to American University, where he is now full professor and chair of the department of chemistry.

Radhika Dasari joins Eastern Kentucky University as a tenure-track Assistant Professor in the fall of 2015. She graduated with a Ph.D from University of Louisville in 2011 under the direction of Dr. Francis P. Zamborini. Since then she worked as a Post Doctoral fellow in Dr. Keith J. Stevenson's lab at The University of Texas at Austin. Her research interest is in the field of nanoscience and nanotechnology with a emphasis on developing novel electrochemical methods for understanding the fundamental properties of nanoparticles, molecules and polymers and to fabricate ultrasensitive nano-electronic devices utilizing these materials for detecting various analytes.

SPECIAL THANKS TO OUR NEW LIFETIME MEMBER!

Special thanks go to Takashi Ito, professor of chemistry at Kansas State University, who is now a new lifetime member! Careful readers will notice that Takashi will also take the job of SEAC Newsletter chief editor as of January 2016.



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***
250th ACS National Meeting	2015, Aug. 16–20	Boston, MA	http://www.acs.org/content/acs/en/meetings/boston---fall-2015.html
ELECTROCHEM 2015: Molecular Materials in Electrochemistry	2015, Sept. 13-15	Durham, United Kingdom	http://www.electrochem2015.co.uk/
11th BBMEC (Biosensor and Bioanalytical Microsystems for Environmental, Food and Clinical Analysis)	2015, Sept. 26–30	Regensburg, Germany	http://www.bbmec.org/11 (Chair: Antje Baeumner)
66th ISE Annual Meeting	2015, Oct. 4–9	Taipei, Taiwan	http://annual66.ise-online.org/
8th International Workshop on Scanning Electrochemical Microscopy (SECM8)	2015, Oct. 9–13	Xiamen, China	http://secm8.xmu.edu.cn/
228th ECS Fall Meeting	2015, Oct. 11–16	Phoenix, AZ	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm
10th International Frumkin Symposium on Electrochemistry	2015, Oct. 21–23	Moscow, Russia	http://frumkinsymp.ru/ Alexander A. Nekrasov: alexander.nek@gmail.com
MUACC 2015 Midwest Universities Analytical Chemistry Conference	2015, Nov. 5–7	Minneapolis, MN	http://www.muacc.org
The 7th Workshop on Surface Modification for Chemical and Biochemical Sensing, SMCBS'2015	2015, Nov. 6-10	Warsaw, Poland	http://www.smcbs2015.pl/
Pacifichem 2015	2015, Dec. 15–20	Honolulu, HI	http://www.pacifichem.org
GRC in Electrochemistry	2016, Jan. 10–15	Ventura, CA	http://www.grc.org/programs.aspx?id=11216
2016 CEC Annual Workshop on Electrochemistry	2016, Feb 13-14	Austin, TX	http://cec.cm.utexas.edu/annual-electrochemistry-workshop
18th ISE Topical Meeting	2016, March 9–11	Gwangju, South Korea	http://www.ise-online.org/annmeet/next_meetings.php
Pittcon 2016	2016, March 6–11	Atlanta, GA	http://pittcon.org
251st ACS National Meeting	2016, March 13-17	San Diego, CA	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html
6th Baltic Electrochemistry Conference: Electro–chemistry of Functional Interfaces and Materials	2016, June 15-17	Helsinki, Finland	http://chemistry.aalto.fi/en/current/6th_electrochemistry_meeting/

Meeting	*When*	*Where*	*Link for More Information*
19th ISE Topical Meeting: Electrochemistry at Modified Interfaces	2016, April 17–20	Auckland, New Zealand	http://www.ise-online.org/annmeet/next_meetings.php
229th ECS Spring meeting	2016, May 29–June 3	San Diego, CA	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm
GRC in Bioanalytical Sensors	2016, June 26–July 1	Newport, RI	http://www.grc.org/programs.aspx?id=14001
252nd ACS National Meeting	2016, Aug. 21–25	Philadelphia, PA	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html
67th ISE Annual Meeting	2016, Aug. 21–26	The Hague, Netherlands	http://www.ise-online.org/annmeet/next_meetings.php
PRiME 2016 (ECS)	2016, Oct. 2–7	Honolulu, HI	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm
Pittcon 2017	2017, March 2-10	Chicago, IL	http://pittcon.org
253rd ACS National Meeting	2017, April 2–6	San Francisco, CA	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html
231st ECS Spring meeting	2017, May 28-June 2	New Orleans, LA	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm
68th ISE Annual Meeting	2017, Aug. 27–Sept. 1	Providence, RI	http://www.ise-online.org/annmeet/next_meetings.php
254th ACS National Meeting	2017, Aug. 20–24	Washington DC	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html
232nd ECS Fall meeting	2017, Oct. 1–6	National Harbor, MD	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm
255th ACS National Meeting	2018, March 18-22	New Orleans, LA	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html

MUACC 2015 Midwest Universities Conference of Analytical Chemistry — Nov. 5–7, 2015

This year's MUACC is taking place at the University of Minnesota in Minneapolis. The MUACC conferences are unique because they focus on identifying new trends in research and instruction of analytical chemistry and in forging new alliances among research groups. The conference style is informal, with most of the presentations being of the "chalk-talk" variety. Notably, MUACC has always stood out by attracting faculty both from primarily undergraduate institutions and top research universities. This is readily apparent from the list of chemistry departments that have recently hosted MUACC, which includes, e.g., the Iowa State University, University of Notre Dame, University of Wisconsin Madison, Purdue University, University of Illinois at Urbana-Champaign, and the University of Pittsburgh.

More information is available at http://www.muacc.org.

11th International Biosensor Conference, September 26–30, 2015, Regensburg, Germany

Registration and abstract submission for the 11th BBMEC, held in Regensburg September 27 – 30th 2015 is open. You can comfortably submit your abstract online, please use the template available. Early bird registration is until July 1st, to take advantage of the lower registration fees.

We have a special treat for your graduate students and postdocs. We hope they take advantage of the pre-conference organized for them which will be September 26th – 27th. They need to make sure that they indicate their participation during their online registration. This may be their opportunity to give an oral presentation.

Don't forget to make your hotel reservations, a list of hotels that reserve a limited number of rooms for BBMEC participants is provided on our webpage. Regensburg is a very attractive tourist location, so there are many hotels to choose from, but you may want to book early to ensure that you stay at your preferred place.

Please don't hesitate to contact us at by e-mail or phone if you have any questions. With best wishes, Antje Baeumner

Save the date for the CEC Annual Workshop on Electrochemistry — February 13-14, 2016

Each year in Austin, Texas, the Workshop on Electrochemistry brings together experts in fields of engineering, materials, and electrochemistry to focus on topics in a few important areas of research. Participants address specific challenges in the field, exchange ideas and information, and catch up with colleagues from around the world. The workshop is hosted by the Center for Electrochemistry, and the date for the eighth annual Workshop has been set for February 13-14, 2016. More information will be available at http://cec.cm.utexas.edu as details are set.

Center for Electrochemistry

Pittcon 2016: Symposium "**Electrical and Electrochemical Sensing and Detection based on Nucleic Acid Recognition**"

Rebecca Lai, Ryan Whyte and Gangli Wang are organizing a half-day symposium for Pittcon 2016 entitled "**Electrical and Electrochemical Sensing and Detection based on Nucleic Acid Recognition**".

Call-for-Papers, National ACS Meeting, San Diego, March 13 – 17, 2016
Division of Analytical Chemistry, Abstract Submission: http://maps.acs.org/
Submission Deadline: October 15, 2015
Program Chairs: Joel Harris, Lane Baker

Title	Type	Organizers
Advances in Analytical Separations	Oral	Jennifer Maclachlan
Advances in Structural Mass Spectrometry	Oral	Stephen Valentine
Analytical Methodologies & Research Partnerships at the Interface of Chemistry & Art/Archeology	Oral	Mattanjah Devries Catherine Schmidt Patterson Karen Trentelman
Approaches for Engaging Students in Analytical Chemistry Courses	Oral	Chris Harrison Cynthia Larive
Big Data & Small Data	Oral	Barry Lavine
Biosensing of Proteins, Peptides, DNAs & RNAs	Oral	Quan Cheng
Capillary Electrophoresis Applied to Bioanalysis	Oral	Chris Harrison
Chemical Imaging: Applications, Advances, & Challenges	Oral	Raychelle Burks Jeffrey Terry
Electrochemical Measurements at Biological Interfaces	Oral	Lane Baker
Luminescent Proteins, Dyes & Sensors	Oral	Huiwang Ai
Sampling & Processing of Biological Particles Enabled by Micro- or Nano-fluidics	Oral	Wenwan Zhong
XRF: Cutting Edge Elemental Spectrometry	Oral	George Havrilla
Sunday Poster Session & Reception	Poster	Joel Harris

JOB OPENINGS

Tenure-track Analytical Chemistry, Assistant Professor, Creighton University

Creighton University invites applications for a tenure-track assistant professor beginning fall 2016. A Ph.D. in analytical chemistry or closely-related discipline is required. We seek individuals committed to being outstanding teacher-scholars within a primarily undergraduate institution. The successful applicant is expected to teach quantitative analysis, instrumental analysis, an advanced elective in their specialty of choice, and perhaps lower-division chemistry courses while developing an independent research program involving undergraduates. Applicants must submit application materials online at https://careers.creighton.edu. The complete application must include a (1) letter of intent, curriculum vitae, (2) statement of teaching philosophy, (3) research proposal, and (4) all undergraduate and graduate transcripts. In addition, three letters of recommendation should be addressed to: Dr. Erin Gross, Search Committee Chair, Chemistry Department, Creighton University, 2500 California Plaza, Omaha, NE 68178 or electronically to eringross@creighton.edu. Review of completed applications will begin September 5, 2015 and continue until the position is filled. Consistently ranked as the #1 comprehensive university in the Midwest Region by *U.S. News & World Report*, Creighton University is a Jesuit, Catholic, AA/EEO institution that encourages applications from qualified individuals of all backgrounds who believe they can contribute to the distinctive educational tradition of the University. Women and minorities are particularly encouraged to apply. For further information, visit *http://chemistry.creighton.edu*.

EC Manager at BASi

EC Product Manager focuses on the Electrochemistry segment related to analytical sales and services in the academic, government, and industrial markets. This position sells BASi products to organizations engaged in electrochemical research and education. This position is responsible for the overall direction, coordination, implementation, execution, control and completion of electrochemical products projects ensuring consistency with BASi strategy, commitments and goals. They work closely with BASi's technical and professional staff to ensure accurate and timely delivery of products to clients. Required: Ph.D. in Chemistry/Electrochemistry. M.S. in Chemistry/Electrochemistry with at least 5 years direct work experience, or B.S. in Chemistry/Electrochemistry with at least 8 years direct work experience. For a full description of the job, see the Appendix to this newsletter or contact:

Cynthia A. Schroll, Ph. D. *EC Product Manager* cschroll@BASinc.com

Electroanalytical Sales Scientist at Pine Research Instrumentation

This position encompasses critical aspects of sales and support for the electrochemical instrumentation product line offered by Pine Research Instrumentation. This position couples deep understanding of electrochemical science with the ability to communicate and interact with other people. Successful individuals in this position enjoy the unique chance to blend interpersonal skills (for sales and marketing purposes) with scientific knowledge (for technical support and advice). For a full description of the job, see the Appendix to this newsletter and apply at www.ncworks.gov.

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.

APPENDIX

To be considered for this position, please apply at www.ncworks.gov.

At the NCWorks Home Page, click on "Advanced Search" (middle of page, under SEARCH BUTTON), click on Job Number Search Tab, key in Job #: 10405118, Job Title: ELECTROANALYTICAL SALES SCIENTIST and follow the instructions provided (you will have to register on NCWorks in order to apply for this position).

Position Title: **ELECTROANALYTICAL SALES SCIENTIST**
Company: Pine Research Instrumentation (www.pineinst.com/echem)
Location: Durham, North Carolina, USA
Reports to: Sales Manager
Supervisory Role: (does not supervise)
FLSA Status: Exempt

Description:

This position encompasses critical aspects of sales and support for the electrochemical instrumentation product line offered by Pine Research Instrumentation. This position couples deep understanding of electrochemical science with the ability to communicate and interact with other people. Successful individuals in this position enjoy the unique chance to blend interpersonal skills (for sales and marketing purposes) with scientific knowledge (for technical support and advice).

Major Responsibilities & Requirements:

- Thorough knowledge of Pine's entire electrochemical product line (potentiostat, rotating electrode and all related accessories)
- Ability to provide on-site demonstrations of Pine products in customer laboratories and at tradeshows
- Provide peer-to-peer technical advice, service, and support to electrochemical scientists and engineers
- Significant travel (up to 25 weeks per year) visiting domestic and international tradeshows and customer labs
- Identify specific domestic and international markets and prospect for new clients in these markets
- Planning and organizing sales trips with careful attention to detail with regard to travel logistics
- Generate (and follow-up on) product quotation opportunities
- Capture, process (and follow-up on) orders from customers
- Development of product literature, marketing materials, and user guides for electrochemical products
- Participate as needed in special projects and new product development

Minimum Requirements:

- Demonstrated ability to speak in public to groups of industry professionals
- Exceptionally strong interpersonal, communication, presentation and organizational skills
- Degree in chemistry or chemical engineering emphasizing research in electrochemical science
- Fluency in English
- Microsoft Office skills (Microsoft Word, Excel, Powerpoint, Access)
- Exceptional writing skills, including document formatting and layout skills (Microsoft, Adobe)
- Valid USA driver's license and acceptable driving record
- Valid Passport

Preferred Qualifications:

- Experience using one or more of the following techniques: Electrochemical Impedance Spectroscopy (EIS) and instrument-based corrosion rate measurements such as linear polarization resistance (LPR) and Tafel analysis
- Fluency in a second language
- Online marketing utilizing web-based content management (wikis, blogs) and social media (Facebook, Twitter)

Working Environment:

Up to 50% of the time required for this position involves domestic and international travel (driving - US and international), air and other forms of travel as necessary).

When in the office: normal office environment. 50% sitting; 50% standing, walking. Use of telephones and computer.

EEO/AAP Employer

Applicants who do not meet the basic qualifications for the position will not be considered.

JOB DESCRIPTION

Position:	EC Manager	**Department:**	Business Development
Status:	Exempt - Full Time	**Location:**	All

POSITION SUMMARY

EC Product Manager focuses on the Electrochemistry segment related to analytical sales and services in the academic, government, and industrial markets. This position sells BASi products to organizations engaged in electrochemical research and education. This position is responsible for the overall direction, coordination, implementation, execution, control and completion of electrochemical products projects ensuring consistency with BASi strategy, commitments and goals. They work closely with BASi's technical and professional staff to ensure accurate and timely delivery of products to clients.

RESPONSIBILITIES AND DUTIES

- Manage territory which contains variety of clients across numerous organizations
- Prospect and establish new customers by managing sales pipeline
- Develop and provide presentations to new and existing clients
- Develop and deliver proposals to new and existing customers
- Collate and present data generated from projects
- Compose posters, white papers, and presentations for industry trade shows and conventions showcasing project and/or products outcomes
- Attend industry conventions, trade shows, seminars, etc to promote electrochemical products
- Work in conjunction with senior management, business unit managers, project managers, marketing, and client services to provide proposals and implement sales strategy to achieve sales growth
- Build and maintain relationships with customers to ensure satisfaction and loyalty
- Execute and implement BASi defined sales and marketing strategies
- Expand BASi's relationships with existing customers by developing retention strategies showing how BASi services works in conjunction with customer's evolving requirements and projects
- Provide accurate and up-to-date planning and reporting of results to effectively communicate successful territory and account management
- Provide marketing data, competitive intelligence and other such information to assist BASi's continual improvement efforts by inputting and maintain customer information on BASi's CRM system
- Provide competitive intelligence and other such information to assist BASi's continual improvement efforts by inputting and maintain customer information on BASi's CRM system
- Develop press release, printed product materials, and website information related to electrochemical products

- Determine, research and development projects to generate data related to BASi's electrochemical products
- Design and implement studies related to electrochemical products and other BASi products
- Write, maintain, and update User Manuals for electrochemical products
- Assess client and industry need for new products and/or current product enhancements
- Recommend ideas for new products and services to solve unmet customer needs
- Work in conjunction with senior management, engineering, service, and manufacturing to bring new products to market
- Provide technical assistance to clients via telephone, email, and/or face-to-face interactions
- 25%-75% travel is expected, including some international travel
- Perform back-up functions for various positions in instrument division
- Maintain confidential information
- Interact with employees and external organizations in effect and professional manner
- Perform other duties as assigned

SUPERVISORY RESPONSIBILITY

Number of Employees Supervise: None

REQUIREMENTS

Education / Experience: Ph.D. in Chemistry/Electrochemistry. M.S. in Chemistry/Electrochemistry with at least 5 years direct work experience, or B.S. in Chemistry/Electrochemistry with at least 8 years direct work experience.

Experience with BASi instruments preferred

Equivalent combination of related education and required work experience will be considered.

Skills and Abilities:

- Experience with potentiostats/galvanostats
- Ability to use a computer to compile and maintain databases for records and inventory, utilizing the appropriate software
- Comprehensive knowledge of analytical chemistry and analytical instrumentation
- Proven analytical and organizational skills
- Proven strong written and verbal communication skills
- Detail oriented
- Ability to interact effectively and professionally with BASi staff and management, and with outside vendors/customers
- Proven ability to work with and maintain confidential information

TOOLS, EQUIPMENT, & OTHER RESOURCES USED

- Various software applications sustained by a Windows™ platform. (Excel, Word, PowerPoint, etc.)

PERFORMANCE DEMANDS

Characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

General

- Ability to read, write, speak and understand English

Physical Activity

- This position requires frequent walking, standing for extended periods of time, sitting for extended periods of time, talking for extended periods of time, carrying items (maximum of 25 pounds), reaching while standing, and general repetitive motions
- Operation of standard office equipment including computer terminal, telephone, calculator, copy, and fax machines requiring continuous repetitive arm, hand, and eye movement
- Travel may involve extended periods of sitting in a car, airplane, and/or train

Working Conditions

- Clean, pleasant, comfortable office, and classroom setting
- Office and classroom environments include varying temperatures and dust
- The noise level is usually moderate
- Travel conditions may include crowded environments with varying temperatures

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Application Instructions

Please forward resumes to hr@basinc.com, FAX: 765-497-8440
BASi is an Equal Opportunity Employer

BASi offers competitive compensation and benefits.

All applicants must be currently authorized to work in the United States.

NO PHONE CALLS PLEASE