SEAC*communications*

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PRESIDENT'S MESSAGE

Dear SEAC Members,

Well, somehow two years have gone by extremely quickly and this will be my last SEAC president's message. Phil Buhlmann will be taking over the reins as president in July and he has lots of great ideas to take SEAC forward into the future. I would like to take this time to thank all of the SEAC members who helped make SEAC great over the last 2 years. It is amazing how easy it is to be SEAC president when everybody I ask to volunteer says "YES". Thanks again to all of those volunteers and to Faye being an AWESOME secretary who keeps SEAC running smoothly!!!

This summer SEAC newsletter has lots of exciting news, including pictures for Pittcon 2017. Juan, Joaquín, Marc, Victor, and Tito definitely made the SEAC Award Symposium a success in 2017. However, it is also time to announce the new award winners for 2018. I would like to personally congratulate Pat Unwin for winning the 2018 Charles N. Reilley Award and Parry Hashemi for winning the 2018 Royce W. Murray Young Investigator Award. These two scientists have made great contributions to electoanalytical chemistry in the United States and across the globe. Congratulations!!! Congratulations, also, to our student travel award winners!!!

Finally, there is a great story about the University of Kansas symposium to honor the 10th Anniversary of the Ralph N. Adams Institute for Bioanalytical Chemistry. I encourage you all to check out the great pictures.

Shelley Minteer
President, 2015-2017

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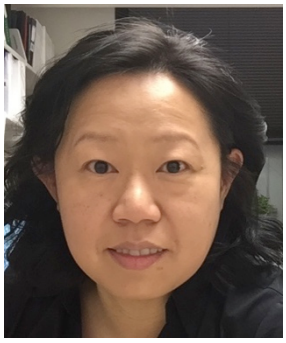
NEW BOARD MEMBERS

Our new Board members - Anne Co, Charles Henry, and Joaquin Rodriguez-López - will assume office in July 2017 and serve until June 2022.



Anne Co is an Associate Professor of Chemistry and Biochemistry and an Associate Fellow of the Center for Automotive Research at the Ohio State University. She received her Ph.D. in Chemistry with a specialization in Electrochemistry from the University of Calgary, Canada, under the guidance of Professor Viola Birss. She then joined the National Research Council Canada's Institute for Chemical Process and Environmental Technology (NRC-ICPET) as a NSERC Visiting Fellow and was later promoted to Research Associate. She was awarded a Mary Fieser Fellowship Award in 2008 to continue her postodoctoral studies with Professor Cynthia Friend at Harvard University. Professor Co's research interest is in understanding electrode processes, mechanistic pathways of electrocatalytic reactions for applications related to energy conversion and storage. Professor Co received an NSF-CAREER award in 2014. She currently serves on the editorial advisory board of *the Journal of Applied Electrochemistry*. She also serves on the Education Committee of the Electrochemical Society.

Charles Henry is a Professor of Chemistry and Chemical & Biological Engineering at Colorado State University. He received his Ph.D. in Analytical Chemistry under the supervision of Dr. Ingrid Fritsch at the University of Arkansas, and was an NIH postdoctoral fellow at the University of Kansas under the supervision of Dr. Susan Lunte. His research interests lie at the intersection of microfluidics and electrochemistry with application to questions in bioanalytical and environmental chemistry. Specific research projects include coupling electrochemistry to paper-based microfluidics for monitoring personal exposure to pollutants as well as detection of viral and bacterial pathogens and integration of electrochemistry into tissue-on-a-chip systems for measuring biomarker signaling. Dr. Henry serves on the editorial advisory board for *Analytica Chimica Acta* and is currently the chair of the Department of Chemistry at CSU.

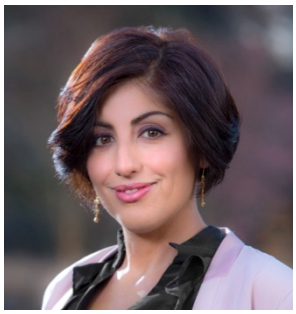
Joaquín Rodríguez-López is an Assistant Professor of Chemistry at the University of Illinois at Urbana-Champaign. He performed undergraduate studies with Prof. Marcelo Videa at Tecnológico de Monterrey, obtained a Ph.D. at the University of Texas at Austin with Dr. Allen J. Bard and did a post-doc with Dr. Héctor D. Abruña in Cornell University. Joaquin's group combines interests in electroanalytical chemistry and energy materials by developing chemically sensitive methods for studying ionic and electronic reactivity in nano-structures, highly-localized surface features, and ultra-thin electrodes. His group also contributes to designing new materials for emerging battery concepts. Recognition to Joaquin's work has come through awards such as the Society of Electroanalytical Chemistry Royce W. Murray Young Investigator Award (2017), a Toyota-Electrochemical Society Young Investigator Fellowship (2017), the Sloan Research Fellowship (2016), the East Central Illinois ACS Chapter "Distinguished Service Award" (2016), the Society of Analytical Chemists of Pittsburgh Starter Grant (2015), a Director's Fund Award by the Joint Center for Energy Storage Research (2014 and 2015) and the ACS Division of Analytical Chemistry graduate fellowship award (2010), amongst others. An emerging investigator, Joaquín aspires to build a dynamic group that creates original concepts for high-performance energy technologies.

PITTCON 2018

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

The highlight of the SEAC activities at Pittcon 2018 will be the presentation of the 2018 Charles N. Reilley Award to **Patrick Unwin**, University of Warwick, and the Royce W. Murray Young Investigator Award to **Parastoo Hashemi**, University of South Carolina. The symposium in their honor will be arranged by Henry White, University of Utah.

Pat Unwin earned his *BSc (Liverpool), MA, DPhil (Oxford) and DSc (Warwick).* He is Professor of Chemistry and Director of the Center for Doctoral Training in Molecular Analytical Science at the University of Warwick. He founded the Warwick Electrochemistry & Interfaces Group in 1992, when he returned to the UK, after a NATO Fellowship with Al Bard at the University of Texas at Austin. He and his group are particularly well known for pioneering innovative nanoscale electrochemical imaging techniques that have provided major insights into interfacial physicochemical phenomena, ranging from electrode processes to the functioning of living cells. Pat is the author of approximately 350 papers and book chapters, and has previously won a number of awards, including the Marlow Medal, Corday Morgan Medal, Barker Medal and Tilden Prize from the Royal Society of Chemistry (RSC). He is a Fellow of the RSC and the International Society of Electrochemistry. Pat was joint editor of *Journal of Electroanalytical Chemistry* and is a member of a number of editorial boards, including *Annual Review of Analytical Chemistry* and *Langmuir*.



Parastoo (Parry) Hashemi is an Assistant Professor in the Department of Chemistry and Biochemistry at the University of South Carolina. She performed her undergraduate studies in King's College, London and her PhD with Martyn Boutelle in the Department of Bioengineering in Imperial College, London. Her postdoctoral work was at UNC Chapel Hill with Mark Wightman. Parry has pioneered an interdisciplinary and translational research program that centers on the development and optimization of in situ electrochemical methods for analyzing biologically and environmentally impactful molecules. Parry has previously been awarded the Masao Horiba Award for Analytical Chemistry, the Eli Lilly Young Investigator Award in Analytical Chemistry and an NSF CAREER Award.

PITTCON 2017–MARCH 5–9

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

The highlight of the SEAC activities at Pittcon was the presentation of the 2017 C. N. Reilley Award to **Juan M. Feliu**, University of Alicante (Spain), and the Royce W. Murray Award to **Joaquín Rodríguez-López**, University of Illinois at Urbana-Champaign. The symposium in their honor was arranged by Héctor Abruña, Cornell University, and was held at 1:30 – 4:55 PM on Monday, March 6, 2017, in the McCormick Center, Chicago IL. (Photo Credits and Copyright Notice: 2017 Roy Engelbrecht – royephoto.com)

Juan Feliu and James Hill

Timothy Paschkewitz and Joaquín Rodríguez-López

(top row, from left) Juan M. Feliu, Victor Climent
(bottom row, from left) Marc Koper, Joaquín Rodríguez-López, Shelley Minteer

2017 SEAC Student Travel Award Winners

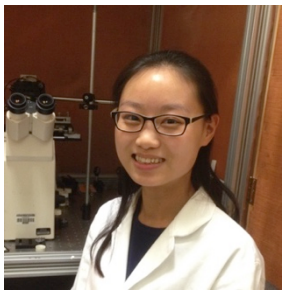
Winners of the student travel awards are **Evan Anderson**, University of Minnesota (advisor: P. Buhlmann) - *Gamry EIS Award*, **Burton Simpson**, University of Illinois, Urbana-Champaign (advisor: J. Rodríguez-López), **Ran Chen**, University of Pittsburgh (advisor: S. Amemiya), **Amila Devasurendra**, University of Toledo (advisor: J. Kirchhoff), and **Yushan Fan**, University of Washington (advisor: B. Zhang). Congratulations to all of them!

Evan L. Anderson is a third year Ph.D. student at the University of Minnesota – Twin Cities, working under the guidance of Dr. Philippe Buhlmann. Evan previously earned B.S. degrees in chemistry and biochemistry/molecular biology and a M.S. degree in chemistry from the University of Minnesota – Duluth. He is currently developing ion-transfer voltammetry electrodes using fluorous sensing membranes to detect anionic environmental contaminants, and foresees this technology being more generally applied for the detection of a broad range of charged species. Evan's career goal is to become a professor, and he is actively involved in preparing himself by student teaching and taking UMN developed courses called "Preparing Future Faculty." In addition, he enjoys leading a student group, Community of Chemistry Graduate Students (ccgs.chem.umn.edu), that works with professionals to improve the mental, physical, and social health of chemistry graduate students.

Burton H. Simpson is completing his graduate work in the Joaquín Rodríguez-López group at the University of Illinois at Urbana-Champaign. Following completion of his doctorate work, he will begin postdoctoral research with Nate Lewis at the California Institute of Technology. Prior to graduate school, he graduated with a B.S. in Chemistry from the University of Michigan. His research focuses on using multimodal Scanning Electrochemical Microscopy (SECM) in combination with other electroanalytical techniques to probe structure–function relationships at operating catalyst surfaces.

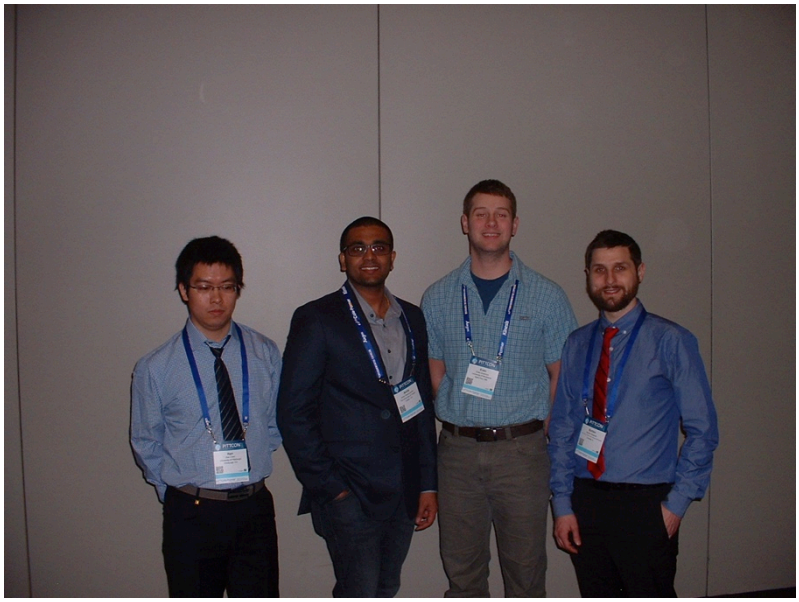
Ran Chen is a graduate student in Dr. Amemiya's group at University of Pittsburgh. Prior to graduate school, he graduated with a B.S. in Chemistry from Nanjing University in China. His research focuses on Scanning Electrochemical Microscopy (SECM) at nanometer scale, including studying the kinetics of various carbon nanomaterials, and surface imaging in artificial and biological systems.

Amila Devasurendra is an analytical chemistry PhD candidate in the Department of Chemistry and Biochemistry at The University of Toledo under the mentorship of Dr. Jon R. Kirchhoff. He received his BSc from University of Peradeniya, Sri Lanka, and completed his MS at New Mexico State University in 2012. His current graduate work includes development of electroactive polymer films and their analytical applications as biosensor matrices and extraction coatings. He is expecting to graduate in Fall 2017 and is searching for an opportunity to develop his career in the field of bioanalytical chemistry.



Yunshan Fan received her B.S. in Polymer Materials Science & Engineering from Beijing Institute of Technology (China) in 2013. She then joined Professor Bo Zhang's lab at the University of Washington and is currently a Ph.D. student studying the electrochemical properties of single nanoparticles and single molecules using nanoelectrodes and fluorescence-enabled electrochemical microscopy (FEEM).

At the SEAC Session @ PITTCON 2017



From left to right: Ran Chen, Amila Devasurendra, Evan Anderson, Burton Simpson.

Commemoration of Mark Wightman's Retirement at Pittcon 2017

Students, "grand"-students, collaborators, friends, and colleagues from Mark Wightman's decades of teaching and research in ***both*** electrochemistry and neuroscience gathered at PittCon in Chicago to commemorate his retirement, which is officially in the summer of 2017. The events were organized by Leslie Sombers (NC State Univ.), Michael Heien (Univ. of AZ), Jill Venton (Univ. of VA), Nathan Rodeberg (UNC – Chapel Hill), and Natalie Herr (inSeption Group), and sponsored by Pine Research Instrumentation, ACS Chemical Neuroscience, and Analytical Chemistry. Two symposia were held to honor his tremendous career, and a celebration was held at Fado Irish Pub. The attendees traveled from throughout the US and Europe, and the program included a wealth of personal stories, photos, and fantastic scientific contributions paying tribute to Mark's contribution to analytical neurochemistry, as well as his advancement of fundamental electrochemical studies.

First SEAC Graduate Student Career Panel Was Held at Pittcon 2017

At PITTCON (2017, Chicago), SEAC hosted a new event called *"Student-Faculty-Industry Networking: Getting Students Prepared for their Careers."*

This event was initiated and organized by Erin Gross, an associate professor of Chemistry at Creighton University, and Maral Mousavi, a postdoctoral researcher at Harvard University.

This event was specifically designed for SEAC Student Members, to help to facilitate discussions between students and professionals in academia and industry, and answer student's questions on career or graduate school preparation. Various faculty and industrial members from the Society for Electroanalytical Chemistry attended to meet with the students and share their advice for building a successful career. This was the first SEAC student career development event; the feedback received from attendees was extremely positive and SEAC is planning to host a similar event in PITTCON 2018.

Erin and Maral want to thank all the faculty members and industry representatives who attended this session as panelists and provided valuable suggestions for students. Special thanks to Shelley Minteer and Timothy Paschkewitz from Pine Research Instrumentation who were also involved in shaping and organizing this event.

Keep an eye out for the 2018 SEAC Student-Faculty-Industry Networking event and please mention it to the students who might not know about this career building session at PITTCON.

Please contact Erin Gross at ErinGross@creighton.edu, and Maral Mousavi at mmousavi@gmwgroup.harvard.edu, if you are interested in getting involved in organizing the 2018 session, or if you want to provide feedback and suggestions.

COMMEMORATING THE 10TH ANNIVERSARY OF THE RALPH N. ADAMS INSTITUTE FOR BIOANALYTICAL CHEMISTRY AT THE UNIVERSITY OF KANSAS

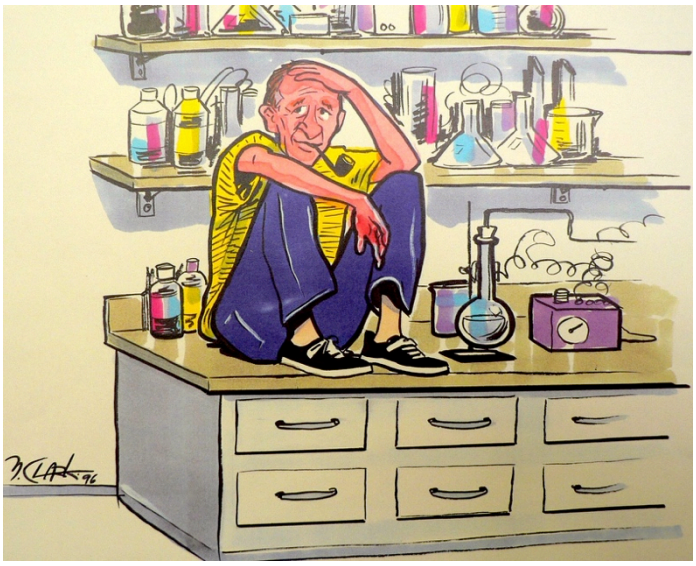
The University of Kansas (KU) Chemistry Department hosted a symposium Friday, May 19, 2017, in Lawrence for alumni, faculty, staff, and students. The day kicked-off with welcome remarks by Sue Lunte, R.N. Adams Distinguished Professor of Chemistry & Pharmaceutical Chemistry and Director of the Adams Institute.

More than 100 people attended the symposium, which was organized by Sue Lunte, Steve Soper and Bob Dunn, and funded by donations to the Adams Institute via the KU Endowment Association. Many past and present analytical faculty at KU are members of the Adams' academic family tree, including Sue and Craig Lunte, Steve Soper, Michael Johnson, and Ted Kuwana.

Adams alumni Ivan Mefford, Wesley White, Don Leedy, and Bita Moghaddam were in attendance, as were SEAC members Mike Johnson, Chuck Henry, Mark Schoenfisch, and Sue Lunte. Also in attendance was George Wilson; he and Ted Kuwana are both C.N. Reilly Award winners and SEAC members. Ralph was the second C.N. Reilly Award winner; it is unusual to have three awardees from the same institution, which demonstrates the strong tradition in electrochemistry at KU.

The first talk was by Ted Kuwana, KU Distinguished Professor Emeritus of Chemistry and **Adams alumnus.** His talk, *A Recollection of Ralph N. (Buzz) Adams' Contributions*, highlighted both Ralph's major scientific contributions—such as developing the carbon paste electrode in 1958—and also personal stories, including how the death of one of Ralph's twins brought about his mid-career switch to focus on neuroscience. Ralph was someone who believed in treating everyone fairly and who spoke with his actions. Ralph and Ted had a paper accepted at an invitation-only conference in New Orleans in the late 1950s, but when Ralph found out that his classmate from grad school at Princeton who was teaching at Howard University couldn't stay at the same hotel, Ralph chose not to go to the conference. He said that if some big names would refuse to go and take a stand against segregation, it might make a difference—but for him it just meant he could sleep with a clear conscience.

Ted shared wonderful caricatures of Ralph that Don Leedy had commissioned on the occasion of Ralph being awarded the Oesper Award in 1996. Ted described Ralph as "an innovative, risk-taking, creative teacher/scientist who was unafraid to venture forth in new avenues of inquiry… Examples include his seminal studies in elucidating the mechanism of organic electrode reactions, developing new electrode materials, and probing neurotransmitters in the brain. He fostered in his students, postdocs, visiting scientists, and the community-at-large this inquiry-based discovery paradigm. Ralph always said, 'If you love what you are doing, the rewards will take care of themselves.'" Ted Kuwana, who was the first to get his PhD under Ralph in 1959, will turn 86 this August. Ted's career embodies the work ethic, pride in his students, and love of KU Chemistry that is being passed down to a new generation.



Ralph was ahead of his time in the strong emphasis he placed on multidisciplinary research and collaborations with researchers in disciplines outside of chemistry. That breadth of scope was evident in the day's excellent talks on diverse topics, many with medical applications. See full listing at: http://adamsinstitute.ku.edu/may-19-symposium-lunch. Below is a sampling:

Bita Moghaddam, Ruth Matarazzo Professor, Chair of Behavioral Neuroscience, Oregon Health & Science University, **Adams alum.** *The Nature of the Potential.*

Julie Stenken, 21st Century Chair & Professor of Analytical Chemistry, University of Arkansas, **Craig Lunte alum.** *"If you don't try, you can't win." Mentoring and scientific lessons learned from Craig Lunte and other KU faculty.*

Mark Schoenfisch, Professor of Chemistry, UNC at Chapel Hill, **George Wilson alum**. *From Lawrence to Chapel Hill and In Between.*

Charles Henry, Professor & Chair of Chemistry, Colorado State University, **Sue Lunte alum**. *Point-of-Need Paper-Based Sensors.*

Matt Jackson, Postdoctoral Scholar, KU, **Steve Soper lab**. *Liquid Biopsies for Managing Cancer Treatment: Biomarkers and Diagnostics.*

Heath Huckabay, Materials Scientist, Nuclear Security and Isotope Technology Division, Oak Ridge National Laboratory, **Bob Dunn alum**. *An Overview of Oak Ridge National Laboratory and Early Career Highlights.*

During lunch, Don Leedy and Steve Soper reminisced and shared stories about Ted Kuwana with current graduate students and postdocs. They laughed as they recounted Ted's car being spotted in the lab parking lot many nights anytime from midnight to 3 a.m. Another great story heard during the day was how Ralph got his nickname "Buzz" flying B-17s with the U.S. Army Air Corps in the Pacific during WWII.

Ralph's daughter, Lisa Adams Boley, remembers that he would often go into lab around 4am to work, and then return home to have breakfast with his family. She said that every year, he would include a request for a key to the science library in his annual report, because he believed that faculty should be able to access the science library outside of the hours it was open. "He commented that if faculty could not be trusted alone in the library, they probably should not be on staff," Lisa recalled. One late night or early morning, "he needed something immediately or the frustration boiled over or both, and he (grabbed a screwdriver and) took the door off the hinges. He was subsequently given a key," she said with a smile. "To me, taking the library door off the hinges was more about his need to be able to write and do research without losing his family time."

She summed up her dad as "Passionate, uncompromising, making sacrifices for things that are important—like writing a letter to the company selling the carbon paste electrodes he had developed about their exorbitant prices."

The day concluded with remarks by George Wilson, KU Distinguished Professor Emeritus of Chemistry, and Steve Soper, KU Foundation Distinguished Professor of Chemistry and Mechanical Engineering, regarding the importance of Ralph's contributions to the field of electrochemistry and bioanalysis. An evening reception followed, which Ralph's daughter Lisa and her son and daughter attended.

Saturday there was a poster session and brunch; tours of the under-construction Integrated Science Building, which will house KU Chemistry; and a memorial golf outing in honor of Craig Lunte, past chair of Chemistry at KU.

A recurring theme throughout the day was the importance of mentorship, the value of great teachers, and respect and awe for the strong work ethic that permeates KU Chemistry. As impressive as the academic family tree and contributions to the field are, it's the pride and sense of family that came shining through this special May weekend.

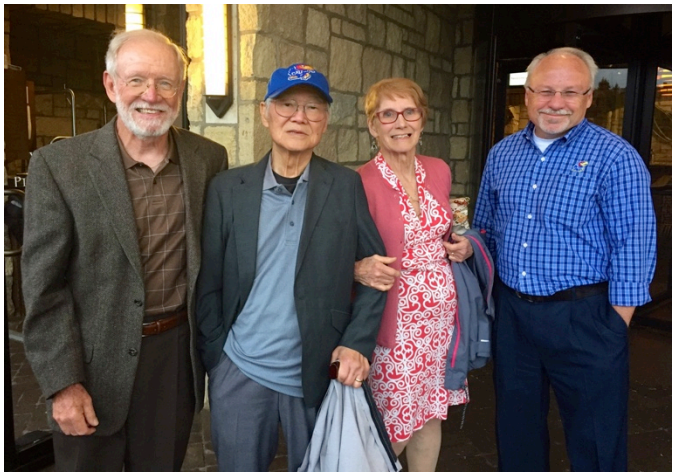
If you love what you are doing, the rewards will take care of themselves. — Ralph "Buzz" Adams

For more information on Dr. Adams, including a list of his students, visit the institute website (http://adamsinstitute.ku.edu).

This article was written by Ellen Kuwana. Ellen (Ted and Jane's daughter) is a freelance science writer and editor in Seattle.

First row (L to R)
Steve Soper, Foundation Distinguished Professor of Chemistry and Mechanical Engineering, University of Kansas
Heath Huckabay, Materials Scientist, Nuclear Security and Isotope Technology Division, Oak Ridge National Laboratory
Bita Moghaddam, Ruth Matarazzo Professor and Chair of Behavioral Neuroscience, Oregon Health & Science University
Ted Kuwana, Distinguished Professor Emeritus of Chemistry, University of Kansas
Sue Lunte, R.N. Adams Distinguished Professor of Chemistry & Pharmaceutical Chemistry and Director of Adams Institute for Bioanalytical Chemistry, University of Kansas
Huili Yao, Associate Researcher, Department of Chemistry, University of Kansas
Julie Stenken, 21st Century Chair & Professor of Analytical Chemistry, University of Arkansas

Second row (L to R)
George Wilson, Distinguished Professor Emeritus of Chemistry, University of Kansas
Nick Dickenson, R. Gaurth Hansen Assistant Professor of Chemistry & Biochemistry, Utah State University
Tom Linz, Assistant Professor of Chemistry, Wayne State University
Mark Schoenfisch, Professor of Chemistry, University of North Carolina at Chapel Hill
Matt Jackson, Postdoctoral Scholar, Department of Chemistry, University of Kansas
Charles Henry, Professor & Chair of Chemistry, Colorado State University
Bob Dunn, Professor of Chemistry, University of Kansas



Don Leedy (Buzz Adams group alum), **Ted** and **Jane Kuwana**, **Steve Soper** (Kuwana group alum)

Seated: **Nancy** and **Marlin Harmony** (Emeritus Professor of Chemistry, University of Kansas)
Standing: **Ivan Mefford** and **Bita Moghaddam** (both Adams group alum)

ANALYTICAL SCIENCES DIGITAL LIBRARY WORKSHOP

June 11-14 the **Analytical Sciences Digital Library** (ASDL, http://www.asdlib.org/) held a workshop **"Active Learning in Analytical Chemistry"** at the Knight Center at Washington University, St. Louis. Several SEAC members were in attendance. See if you can spot them in the group picture below.

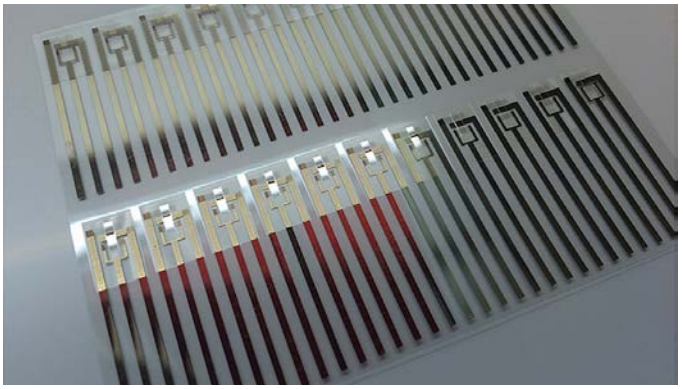
Electrochemists in attendance included Electrochemists in attendance included **Jill Venton** (University of Virginia), **Shelley Minteer** (University of Utah), **Tim Strein** (Bucknell University), **Melissa Maurer-Jones** (University of Minnesota Duluth), **Rick Kelly** (East Stroudsburg University), and **Erin Gross** (Creighton University).

NEWS FROM MEMBERS

Ryan White will be joining the University of Cincinnati this fall as an Ohio Eminent Scholar in the Department of Chemistry with a joint appointment in Electrical Engineering and Computing Systems. Ryan is currently an associate professor in the Department of Chemistry and Biochemistry at the University of Maryland Baltimore County. His research colleagues, Ms. Mirelis Santos Cancel and Dr. Robert Lazenby will be making the transition with him.

Bo Zhang has been recently promoted to the rank of full professor, effective September 2017. His research group enjoys playing with electrochemistry and fluorescence microscopy together and they continue making exciting progress in this field. One research finding about which they are particularly excited is that they have developed a nanoscale electrochemical cell which allows them to image the motion of single silver nanoparticles at the electrode/solution interface. They are also pushing the spatial resolution of fluorescence-enabled electrochemical microscopy to the nanometer scale using massive electrochemical arrays.

Pete Kissinger is back helping out at BASi after a ten year sabbatical in DC.



Hubert Girault has informed that the Laboratory of Physical and Analytical Electrochemistry (LEPA) at the Ecole Polytechnique Federale de Lausanne (EPFL) has moved two years ago to the new EPFL campus in the city of Sion close to the mountains and the famous Matterhorn. LEPA is now proud to announce the creation of a new spin-off company SENSaSION (www.sensasion.ch). SENSaSION is specialized in the production of inkjet printed electrochemical sensors, in particular in the production of transparent carbon nanotube electrodes. SENSaSION also produces SECM soft probes for AMETEK (USA).

Tim Paschkewitz informed SEAC members of new products from Pine Research Instrumentation.

New Products from Pine Research

Visit www.pineresearch.com for more information

WaveVortex Electrode Rotator

The WaveVortex is the newest electrode rotator from Pine Research Instrumentation, and will be available this Fall 2017. With a small footprint and affordable price, the WaveVortex is ideal for those needing to perform rotating disk electrode (RDE) or rotating ring-disk electrode (RRDE) studies with smaller lab spaces and tighter budgets. The WaveVortex design combines the rotator, control unit, shaft, and enclosure in one compact and convenient package. The WaveVortex is also compatible with any existing 15 mm OD RDE and RRDE electrodes manufactured by Pine Research Instrumentation.

EChem in a Box

We have been approached by countless faculty seeking guidance on how to effectively teach experimental electrochemistry. Educators have asked us for pedagogical wisdom, practical and timely applications, cost-effective instrumentation, and accessibility to electrochemistry for many years. With the success of our low-cost yet highly powerful WaveNow potentiostat with AfterMath software, we have combined an array of our products and coupled them with a guide, written for educators, which contains fundamental concepts, specific electrochemical theory in an accessible manner, and practical laboratory exercises with instructor's guides. Also included are editable copies of the laboratory exercises and a video series to supplement the guide. We believe that educators with sufficient chemistry and/or engineering backgrounds will find our compilation, called EChem in a Box, an answer to the question, "How do I integrate experimental electrochemistry into our curriculum when we do not have any electrochemists available?" EChem in a Box is the solution.

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***
Matrafüred 2017: International Conference on Electrochemical Sensors	2017, June 11-16	Visegrad, Hungary	http://www.matrafured-conference.bme.hu
2nd Annual Next Generation Electrochemistry (NGenE)	2017, June 26-30	Chicago, IL	https://energyinitiative.uic.edu/energy/ngene
IUPAC-2017, Energy, Water and Environmental Sciences Symposium	2017, July 9-14	São Paulo, Brazil	http://www.iupac2017.org/index.php
Electrochemistry at the Celebration of Centenary of the Royal Australian Chemical Institute in Australia	2017, July 23-28	Melbourne, Australia	racicongress.com
9th Workshop on Scanning Electrochemical Microscopy and Related Techniques	2017, Aug. 13-17	Warsaw, Poland	http://secm-workshop.org/
XXXIX Annual Workshop On Electrochemical Measurements	2016, Aug. 14–18	Cleveland, OH	http://chemistry.case.edu/research/yces/
254th ACS National Meeting	2017, Aug. 20–24	Washington DC	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html
68th ISE Annual Meeting	2017, Aug. 27–Sept. 1	Providence, RI	http://www.ise-online.org/annmeet/next_meetings.php
Redox Films for Energy Conversion – Bioelectrochemical and Molecular Systems	2017, Sept. 28–29	Marseille, France	https://redox-shields.org/2017-workshop
232nd ECS Fall Meeting	2017, Oct. 1–6	National Harbor, MD	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm
2nd Gerischer-Kolb Symposium: Modern Aspects of Bioelectrochemistry	2017, Oct. 11–13	Schloss Reisensburg, Germany	http://www.gerischer-kolb.de/
GRC in Electrochemistry	2018, Jan. 7–12	Ventura, CA	http://www.grc.org/programs.aspx?id=11218
Pittcon 2018	2018, Feb 26 –March 1	Orlando, FL	http://pittcon.org
255th ACS National Meeting	2018, March 18–22	New Orleans, LA	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html
233st ECS Spring Meeting	2018, May 13–17	Seattle, WA	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm
17th International Conference of	2018, June 3-7	Rodos, Greece	http://www.eseac2018.com/

Meeting	*When*	*Where*	*Link for More Information*
Electroanalysis – ESEAC2018			
GRC in Bioanalytical Sensors	2018, June 24–29	Newport, RI	http://www.grc.org/programs.aspx?id=13734
256th ACS National Meeting	2018, Aug. 19-23	Boston, MA	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html
69th ISE Annual Meeting	2018, Sept. 2–7	Bologna, Italy	http://www.ise-online.org/annmeet/next_meetings.php
AiMES 2018	2018, Sept. 30–Oct. 4	Cancun, Mexico	http://www.electrochem.org/meetings/biannual/fut_mtgs.htm

Electrochemistry at the Celebration of Centenary of the Royal Australian Chemical Institute in Australia — July 23-28, 2017

The Royal Australian Chemical Institute (RACI) is 100 years old this year. To mark this significant milestone, the RACI National Centenary Conference 2017 will be held in Melbourne in 2017 over the period 23-28 July 2017. Full details are available from the website address racicongress.com

The RACI Electrochemistry Division is running a full program of events in a special symposium that forms part of the celebration of Australian Chemistry. Electrochemistry also will be strongly represented in many other symposia.

Speakers from the electrochemistry community giving keynote or plenary lectures will include:

Breyer Medallist: Phil Bartlett, University of Southampton, United Kingdom
Stokes Medallist: Huijun Zhao, Griffith University, Australia
Justin Gooding, University of New South Wales, Australia
Doug MacFarlane, Monash University Australia
Kristine Kranz, University of Ulm, Germany
Alison Downard, University of Canterbury, New Zealand

XXXIX Annual Workshop On Electrochemical Measurements: Theory and Hands-On Experiments — Aug. 14-18, 2017

XXXIX Annual Workshop on Electrochemical Measurements will be held at Case Western Reserve University on August 14-18, 2017.

Principal Lecturers: Prof. Daniel A. Scherson (Case Western Reserve University)
Prof. Henry S. White (University of Utah)
Guest Lecturers: Prof. Uziel Landau (Case Western Reserve University)
Prof. Mark E. Orazem (University of Florida)
Prof. Gerald Frankel (Ohio State University)
Prof. Robert Savinell (Case Western Reserve University)

All detailed information can be found on the website: http://chemistry.case.edu/research/yces/

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, fill out the downloadable membership form, and pay either by check or on-line.