

President's Message

An Electroanalytical Summer

Well, Pittcon®'98 is now a memory, but certainly a good one. For those who weren't there, the weather in New Orleans was great, as was Bourbon Street and the Conference. Indeed, electroanalytical chemistry was well represented throughout the whole meeting. Larry Faulkner moved us all when he announced in his Reilley Award address that this might be his last scientific talk. We all hope that is not the case—while we realize the importance of the University of Texas, electroanalytical chemistry is important, too! Greg Swain showed us the sparkle of diamond electrodes. Four graduate students were sponsored at the Conference through the new SEAC Graduate Student Travel grants. The SEAC reception had a full house. Many members were active in organizing the week's events. Particular thanks go to Joe Maloy, Craig Bruntlett, and Marcin Majda. All in all it was a great week.

Summer has finally arrived in Chapel Hill and it's time to finally get to work on all of those things that have been put off during the winter. Lectures, seminars, visitors, travel, writing papers and reports, as well as the day-to-day responsibilities of our jobs, all seem to occupy so much time that there is little left for starting new projects. But, at least for academics, the end of the semester and the start of summer brings a time when closure on many projects automatically occurs and it's time to start exploring new areas and planning for the future. Let's hope that by September all of us will be able to look back on the summer and see that the time was well spent and resulted in some major new directions in our laboratories. One summer project that all readers should not forget is to start planning to attend Pittcon®'99. This will be the 50th year for the Pittsburgh Conference and the 16th year of SEAC so it promises to be an interesting meeting. Furthermore, it is to be held in Orlando with free admission to Disney World for conferees on Wednesday night. I look forward to seeing our Editor with mouse ears! Who knows, if enough of us attend maybe we can get Mickey Mouse to join our organization. Despite the diversions, the next Conference promises to be a great one. So, start thinking about the abstracts so we can gather together again, this time in Florida.

Mark Wightman

Editorial

WE ARE WEBBED!! Big time. Sam Kounaves has loaded breaking information on the SEAC home site such as upcoming meetings and conferences of interest to the electro-*etc.* crowd—and of course issues past-and-present of *SEAC Communications*. [The test sites are history! SEAC's new official address is: <http://seac.tufts.edu>] But in addition to including breaking info for the Surfin' SEACer to find, Sam and I are especially pleased at the innate ability of the home page to allow permanent archiving of SEAC's past, including the previously published "*Reflections on a Life in Electrochemistry*" of Reilley Awardees Royce Murray and Fred Anson (the previously published "*Reflections*" of Buzz Adams and Robert Osteryoung will be archived in the near future). You will find these memoirs in the Awards/Nominations category on the home page. With time and coercion, I will include newly commissioned "*Reflections*" from other Reilley Awardees [...Yes...this means YOU: Al, Ted, Jean-Michel, Stanley, Steve, Dennis E., Barry, Bill, Mark, Dennis J., and Larry!!]

An update from Sam Kounaves on the state of SEAC on the Web follows this column.

At the meeting of SEAC's Board of Directors (held 3 March 1998 at Pittcon®'98) the official SEAC home page was formally approved. Far more discussion revolved around when to decouple a copyset, snail-mailed version of *SEAC Communications* from the Webbed, content-identical version. The Board ultimately approved your Editor's suggestion that the last snail-mailed version of *SEAC Communications* will be the pre-Pittcon®'99 issue [15(1)] sent to members in February 1999.

That makes it official, folks...no more *SEAC Communications* peaking out of your mailbox after next year. A hard copy of the newsletter may always be "created", however, by printing the PDF file of the issue of your choice from the SEAC Website. While I have heard from zero, *zilch*, NONE of the members crying out against the end of the copyset newsletter...even though I (sniff!) asked (see issues 13(3), 13(4), *and* 14(1))...some of the Board waxed a trifle sentimental about the end of the copyset version, particularly for SEAC members who for whatever reason are not plugged in. So...

The plan will then be to mail (to what will presumably be a small list of members) a laser-jet printed version of each issue downloaded from the

PDF file residing on the Web. The newsletter is one of the members' perks, so any SEAC member requiring a mailed copy will not be left to fend for one from a friend with access to the Web.

As always, suggestions and comments are welcome.

Debra Rolison

PS: mouse ears, Mark??? Absolutely! I'll see your mouse ears and raise you a Goofy *and* a Donald Duck!!

(Note to Andy Ewing: Photo Op!!!!)

SEAC becomes World Wide (Webbed)!!!

***An update from Sam Kounaves:
SEAC's Webmeister***

SEAC has now "officially" joined the WWW. After several months of running two test sites on the HYPERLINK <http://electrochem.tufts.edu> server [.../seac/ and .../seac2/], the consensus came in on the side of the /seac/ design. Amazingly, the site was accessed by over 300 unique visitors since it was put into service in February. Either a lot of people have a lot of free time or everyone was dying to see what a SEAC Website would look like! In concert with discarding .../seac2/, as of 11 May 1998, the SEAC test site .../seac/ was moved to HYPERLINK <http://seac.tufts.edu>, which offers SEAC a simpler and longer term address, and one which will allow us to establish a separate, SEAC-devoted server someday.

If you haven't visited the SEAC site lately...you might want to take a look again. Even though parts of it are still undergoing weekly construction, we have added several new features we hope will be of

value to SEACers and the electroanalytical community in general. The additions include:

- the archiving of the SEAC newsletter as PDF files (now almost 90% complete through SEAC's entire history);
- the TOC (Table of Contents) and, in some cases, full text articles, for most of the electroanalytically related journals, all in one spot for easy access;
- a NEWS and UPCOMING CONFERENCES section on the home page; and addition of the "memoirs" of the Reilley Award winners (now under way).

We also have plans to add several new features in the coming months, such as a SEAC Contact Page, a Membership Update page, a SEAC members-only accessible Membership Directory, expansion of the on-line (and/or paper copy) newsletter, *SEAC Communications*, to include more scientific reports and articles (invited and submitted), electrochemical databases, book reviews, Employment Opportunities, and who knows what else??? So stay tuned.

In short, we intend to make SEAC and its Website the premier source for electroanalytical information. We would like to invite everyone's comments and suggestions as to what you would like to see or have accessible on the SEAC site. What would make it more valuable to you? What would motivate you to visit the site more often?? You tell us!!

Samuel Kounaves
skounave@tufts.edu

*Hear Ye! Hear Ye!! Any member of SEAC wishing a hard copy of SEAC Communications to be snail-mailed to him or her after cessation of formal publication (ca. March 1999), please contact your Editor at rolison@nrl.navy.mil
Speak, write, or e-mail now or forever hold your peace!!!*

An Open Letter to the SEAC Membership!

To/From Andy Gilicinski (Air Products) and Debra Rolison (NRL)

In message Wed, 25 Feb 1998 18:24:40 -0500, Andrew Gilicinski writes:

Debra—Another great issue, keep up the good work!...and SEAC looks like it's off to a good Website start.

In reply Wed, 25 Feb 1998 22:06:49 -0500, Debra Rolison writes:

thanks, Andy. I am still waiting for more feedback from the members though. I can always write about the crazy things going on in my immediate sphere, but I don't want to get too cliquish—it would be great to get more contributed items.

AG: I would suggest that as the SEAC Website grows, we can find ways to use it to help support industrial electrochemists. We could get tremendous value from an organization that could focus on our needs. SEAC has the best potential to do this, but doesn't (yet), probably from a lack of awareness. Opportunities for SEAC include:

* Facilitate identification of willing consultants/research partners on problems of interest. We have money (sometimes lots of it) to throw at problems but often little time to attack them; anything that helps us get connections made more easily would be useful (such as a posting area on the Website for problems or needs). With Usenet, our email addresses get vacuumed into bulk e-mail solicitor lists; hopefully that won't happen on SEAC's site!

* A suggestion box for future presentation topics for the Gordon Research Conference on Electrochemistry, to counter the low level of awareness of great industrial work that might be appropriate to consider. Corporate electrochemists rarely chair the conference—this might help generate better lists from which chairs can draw for possible talks.

* An advice box for student members of SEAC looking for jobs. Many of us have extensive recruiting experience and could help students with advice or leads on electrochemistry jobs in industry. Likewise, job postings could be listed by industry.

There are lots of possibilities. I think SEAC is uniquely positioned to be a vital link to that netherworld that most electrochemistry grad students go to after defending their thesis! Andy

Andrew Gilicinski
Air Products and Chemicals, Inc.
Allentown, PA

DR: Actually, corporate/governmental electrochemists chair every other year at the January GRC, but as you know industrial electrochemists are fewer and fewer in number. I would recommend you immediately funnel people and topics to Jim McIntyre/Dow for his 1999 Electrochemistry GRC [mcintyreja@dow.com].

I agree that SEAC can make our Website very useful and I thank you for your suggestions...there's no reason why we can't start feeding in some of the categories immediately. best, Debra

—well, campers...what's your response to Andy's suggestions to improve SEAC's usefulness to our industrial (and our many future industrial) members?? Some of what Andy suggests might work better as part of our (still-to-be-established) membership-coded sections of SEAC's Website. But anything that broadens the lines of electrochemical communication is indeed part of our society's charter. Feel free to contact either Andy Gilicinski [giliciag@apci.com], myself [rolison@nrl.navy.mil], or El Prez: Mark Wightman [rmw@unc.edu] with your comments and suggestions—

SEAC on the Move!

Aussie Division!!

In message Mon, 2 Mar 1998 14:15:55 +0000 (GMT), Alan Bond writes:

Dear Debra—If all is electronically operational, then below will appear a report of my recent travels. I finished the Hinshelwood lectures last week and now I feel as though my sabbatical leave at Oxford has commenced!!!

I have had a most enjoyable but hectic few weeks in the early part of 1998. In January I traveled from Australia to attend the Gordon Conference in Ventura. I had not participated in a Gordon Electrochemistry Research Conference for some years and it was most refreshing to listen to the substantial number of younger electrochemists from the USA giving superb presentations of their very innovative work. It was also a great occasion for me to meet many colleagues who attend the Gordon Conferences almost religiously. The Gordon Conferences still obviously remain one of the most important forums for electrochemical debate on our calendar and it is a pity from my perspective that the significant distance of California from Australia prevents my becoming a Gordon Electrochemistry Conference groupie. I was also impressed to observe that many of the WETS traditions have remained more or less intact, although I suspect that the Ventura location has toned matters down a little relative to what was possible in former years within the less constrained Mirimar environment!!!!

THE Gordon Conference was followed by presentation of the Hinshelwood lectures at the University of Oxford over a three-week period in February. I was privileged to be the first electrochemist to give the Hinshelwood lectures, named after the Nobel Laureate who held the Chair of Physical Chemistry at this University from 1937-1964. It has been challenging to prepare an extended series of lectures on the theme of "Broadening Electrochemical Horizons". Attendance at the Gordon Conference in the week or so before presenting the Hinshelwood lectures, provided some inspiration for a few topics I presented in the Oxford lectures. The Oxford region contains a great diversity of Electrochemical talent and it would appear that the electrochemical foundations established in Britain by Faraday and others will flourish in the next millennium as they have in the latter part of the present one.

After all the above hyper activity, I now start a sabbatical leave period at the University of Oxford. I am thoroughly looking forward to a period of time as a full-time researcher. Thus, I can now send greetings to the USA, not from "down under" as is usually the case, but rather from "across over". Cheers!

Alan Bond
amb@physchem.ox.ac.uk

Chicago Division!!

In message Mon, 11 May 1998 09:38:44 -0500, Alanah Fitch writes:

I have been named Director of the Environmental Studies Program here*. A department with research and majors but no faculty. If my hair goes grayer you will know why.

Alanah Fitch
AFITCH@wpo.it.luc.edu

* here = Loyola University Chicago

Items of Note, Noted in Passing

1.—Nuptials à la Johna Leddy and Malcolm Yeh!!—20 December 1997; Iowa City—

as reported by Girl Reporter: ALANAH FITCH

It was a dark and stormy night...actually a brisk Saturday before Christmas in Iowa. Johna Leddy tied the knot with Malcolm Yeh before about 100: a mix of family and a crew of the massively overeducated. (The cost of the wedding was subsidized by renting out advertisement space on large foreheads.) In addition to the departments of chemistry and medicine at Iowa there were a number of foreign electrochemists in attendance. These included Larry Faulkner, lately of the University of Illinois, Champaign-Urbana and more recently of Texas at Austin, Pete Rieke of Pacific Northwest National Labs (last sighted on CNN footage of his climb of Mt. Rainier using his personally developed climbing device for the paraplegic) and your intrepid reporter. The ceremony was lovely, although I lost a bet with Mary Ann Faulkner on which baud rate Johna would use in the wedding vows.



(L to R) Larry Faulkner, Johna Leddy, Malcolm Yeh

Our attempts to hold the poster session at the reception hall were thwarted by far too many medical types setting up their own posters. No, not really, but the after-dinner open-mike session did have a dueling contingent of medical residents and fellows vying with the electrochemists to share stories. One medical fellow toasted the marriage in the hopes that this would stop Malcolm (a neurophysiologist running a sleep clinic) from sending e-mails at 3 in the morning. The electrochemists did vote to allow Malcolm honorary membership in electrochemistry based on his research on brain voltages as well as an early stint in fuel cells as an undergraduate. Wreatha Carner (Pete's wife) was outvoted when she suggested placing a Guatemalan love fetish in the newly married's suite.

Bernhard Zuenkler, neurosurgeon, told all. As Johna's neighbor he decided that she was far too nice to be unmarried and as a fellow of neurophysiology under Malcolm he easily ascertained that Malcolm had absolutely no social life. He therefore invited them both out for pizza. Malcolm very nearly backed out (requiring several threatening phone calls), but on arrival at the restaurant neither Johna nor Malcolm had anything to say to Bernhard, but spent the evening solving math equations on napkins. It was viva *iLaplace* and all of his transformations at first sight. Johna knew it was a match when she found that Malcolm laughed at all her jokes. The priest has made Bernhard an official matchmaker, so all other unmarried electrochemists may apply to Johna (jleddy@blue.weeg.uiowa.edu) for his current address.

The newlyweds indicated that they would drive north with no particular destination other than romance in mind, but were spotted at a science museum in Minneapolis the following week.



Malcolm and Johna, pre-tour of the Science Museum

—Congratulations, again, Johna and Malcolm, and many thanks to Alanah for capturing an eventful day in both words and pictures for SEAC posterity—

2.—Update on Drive-by Insults—

As you recall from last issue's installment of the "Perils of Electroanalytical Chemistry", we reported the following:

(a) "... Just as a few of us decided to look over at our vehicular shadow, the car sped up, the passenger-side window glided down and the following was hurled at us in tones eerily reminiscent of Dick Crooks: "LO-O-O-SERS!" Before we could retort, Mark Wightman (your President (and ours) and the driver of the getaway vehicle) leaned across Dick and added the coup de grâce: **ELECTROCHEMISTS!**"

—we are now (enormously) relieved to report that Maryanne Collinson, the only member of the dinner party not partaking of the fine wine, was driving the getaway vehicle—

(b) "...Dick Crooks' surreptitiously modified business card was later observed at the GRC on Electrochemistry: Richard M. Crooks, Texas A&M University: Professor...Loser...**ELECTROCHEMIST!**"

—evidently that wasn't the only R.M. Crooks' business card so-modified...SEAC Communications has a somewhat reliable report that during student interviews at the Dallas ACS Meeting and while extolling the virtues of a graduate career at Texas A&M, Dick handed one lucky winner a business card from his stack only to find he'd given out yet another of his "Loser-Electrochemist"-modified business cards...what a marketing ploy, Dick! That should definitely have made up the student's mind *for* Texas A&M!!!—

3.—Intersection Set—

Your Editor has found a way to tie the matchmaking of the first "Item of Note" together with the insolence of the second...or rather, the *Washington Post* has. The Sunday Style section of the *Post* always contains a hidden joke (known to locals as "Today's Ear No One Reads"). On Sunday, 19 April 1998, the joke was an addition to the List of Abbreviations necessary to decode the *Post's* PersonalsPlus ads...see if you can spot it in the following abbreviated list ...

M	Male
F	Female
P	Professional
Lo	Loser
N/S	Nonsmoking
ISO	In Search Of

—can it be much longer before we find "Lo-EC" in a future list of abbreviations for the personals??—

4.—Beach Party!!—

Dan Hooks, an enterprising graduate student at the University of Minnesota currently keeping Mike Ward in line, volunteered as a photo stringer at the pre-GRC Ventura beach party organized by Richard M. (Loser-Electrochemist) Crooks and Charles (*a.k.a.* Chuck) Martin. A limited number of glossy 3½ x 5" copies made their way to sundry parties...half of whom are willing for SEAC publication. So YOU, distinguished member of SEAC, get to determine the fate of these photographs. Vote by e-mail (rolison@nrl.navy.mil):

YES! Let's see: (1) Chuck Martin, Henry White, your editor, and Dick Crooks respond to Henry's latest theory of magnetic relativity —and— (2) Chuck close an overstuffed suitcase slowly burying itself in sand. (this offer is a two-fer)

NO!! Spare us the horror!

—your vote *does* count!!—

5.—SEAC Rules!! Update—

In the February issue [14(1)] of *SEAC Communications*, I reminded SEAC that for the second consecutive year, the Society for Analytical Chemists of Pittsburgh had awarded its premier Pittsburgh Analytical Chemistry Award to a SEAC member (to Janet Osteryoung in 1998 and to Mark Wightman in 1997). SEAC members are so relevant to analytical chemistry that the string is actually *three* years in a row: the 1996 recipient of SACP's Pittsburgh Analytical Chemistry Award was none other than SEAC's Johannes Coetzee of the University of Pittsburgh.

—will SEAC make it four years in a row?!—

SEAC News/Photo *Flash *

REILLEY AWARD DINNER WELCOMES ALL

—A message from Mark Wightman (El Prez)

Each year since the inception of the Reilley Award, several Society Members and Friends have hosted the award Winner at a dinner. The number of attendants have increased in recent years, and this year almost forty people were present. Members must pay for their own meal, and this year that amounted to \$50 dollars per person. To be quite frank, the food is usually quite bad (my apologies to the Activities Chair, but remember, he doesn't cook it) but the dinner is enjoyable because of the good company.

Our mole in the ranks of the SEAC troops has informed the Board that there is a misunderstanding concerning who may attend this dinner. All may attend, but SEAC must know in advance that you will attend so that appropriate reservations can be made. ACTIVITIES CHAIR, Craig Bruntlett plans to improve publicity for this dinner. So, if you want to join the next Reilley and Young Investigator Award winner in a dinner with really great company, but with really bad, expensive food, please respond to invitations from Craig in the future issues of the newsletter.

...and so that future attendees of the Award dinner may make informed decisions, ponder the following!

ATTENDANCE DETERRENT OR ATTRACTANT?: SEAC DINNER PHOTO OP

Photos by Andy Ewing...SEAC Communication's very own Jimmy Olsen



Table 1: (clockwise from far left) Joe Maloy; 1998 REILLEY AWARDEE Larry Faulkner; Mary Ann Faulkner; Alanah Fitch; Robert Forster; Johna Leddy; Marcin Majda; Hiroyasu Tachikawa; Peixin He; Marlene Maloy



Table 2: (clockwise from far left) Herb Silverman; Ted Kuwana; 1998 YOUNG INVESTIGATOR Greg Swain; Cindy Swain; Judy Ensman; Bob Ensman; Ruby Torrey; Craig Bruntlett; Nancy Xu; Sam Kounaves



Table 3: (clockwise from the guy with the napkin on his head) Royce Murray; EL PREZ Mark Wightman; Anna Brajter-Toth; Jim Cox; Howard Dewald; Susan Lunte; Craig Lunte; Peter Kissinger; Andy Ewing; Mirtha Umaña-Murray

—so, Andy... who took **this picture??...rumor has it that it was Prez-Elect Steve Weber—**



Table 4: (clockwise from far left) Harry Mark; Bill Heineman; Debra Rolison; EX-EL PREZ Rick McCreery; EL PREZ-ELECT Steve Weber; Doris Johnson; Dennis Johnson; Mark Meyerhoff; Dennis Tallman; Andy Gilicinski

—Pittcon®'99: Yet another (probably bad) SEAC Award dinner, but this time in Orlando. Be there!—

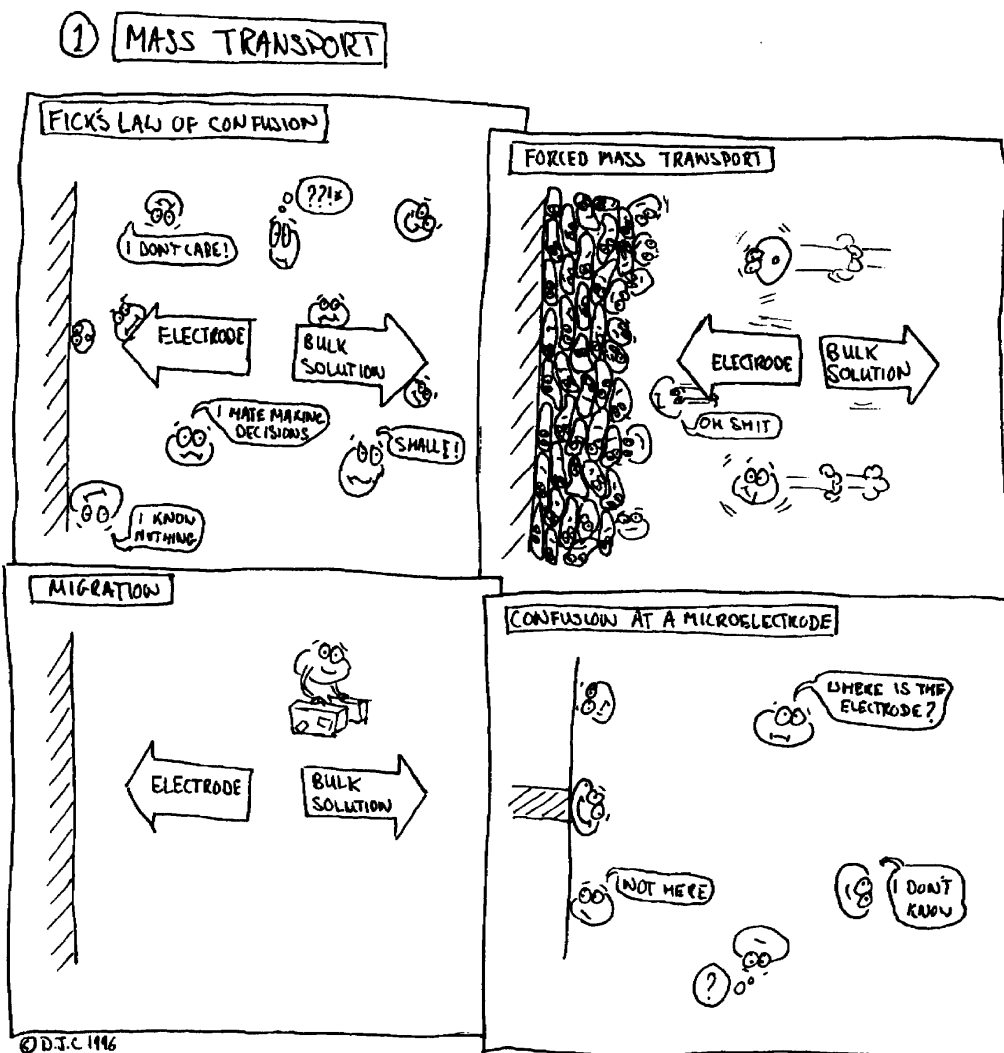
SEAC News *Flash *

LUNTE ACCEPTS POSITION: During the 1998 Pittsburgh Conference SUSAN LUNTE, Professor, University of Kansas, agreed to become the next Chairman (and only member) of the Membership Committee. Sue, who received her Ph.D. at Purdue University, is a long-time member of SEAC, along with her husband Craig.

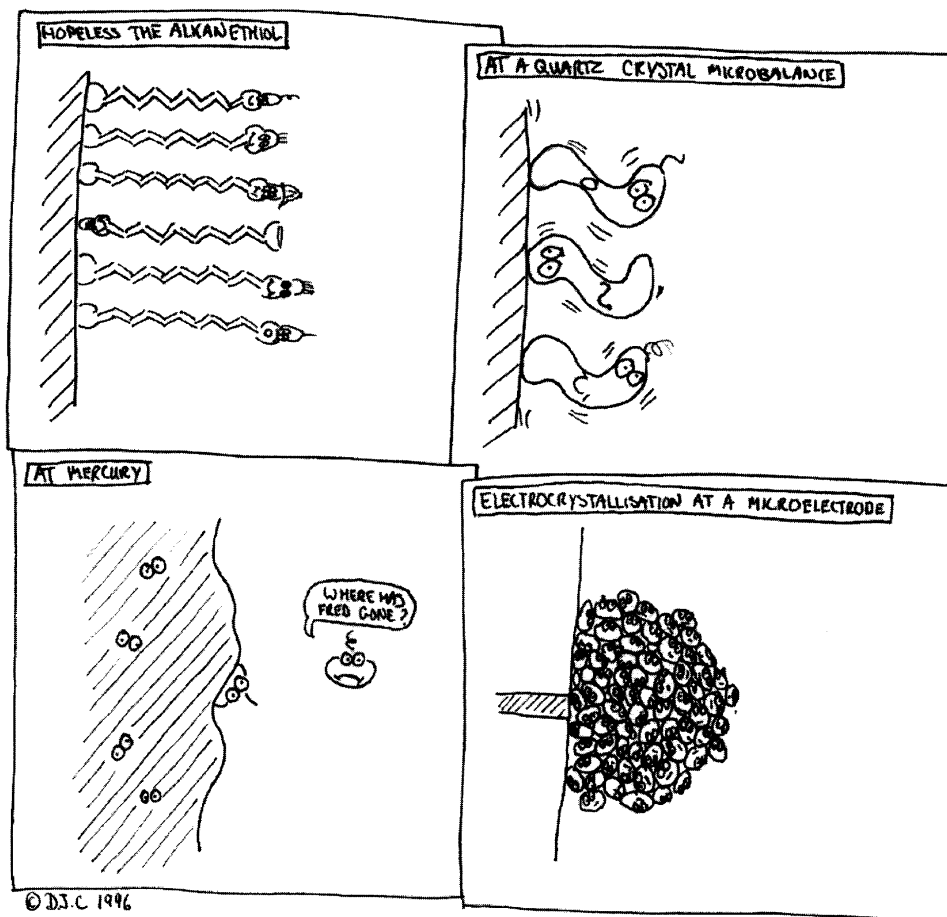
Sue replaces Andrew Ewing (Penn State) as chair. Andrew did a great job with such innovations as a one-year free membership for graduate students and society T-shirts. If you have any ideas that you think will make the society more attractive to others, please let Sue know. She can be reached at: lunte@smisson.hbd.ukans.edu

Special Exclusive!

Daren Carauna—Cartoonist and Electrochemist—Brings his view of electrochemical reality to the SEAC community:



② AT SURFACES



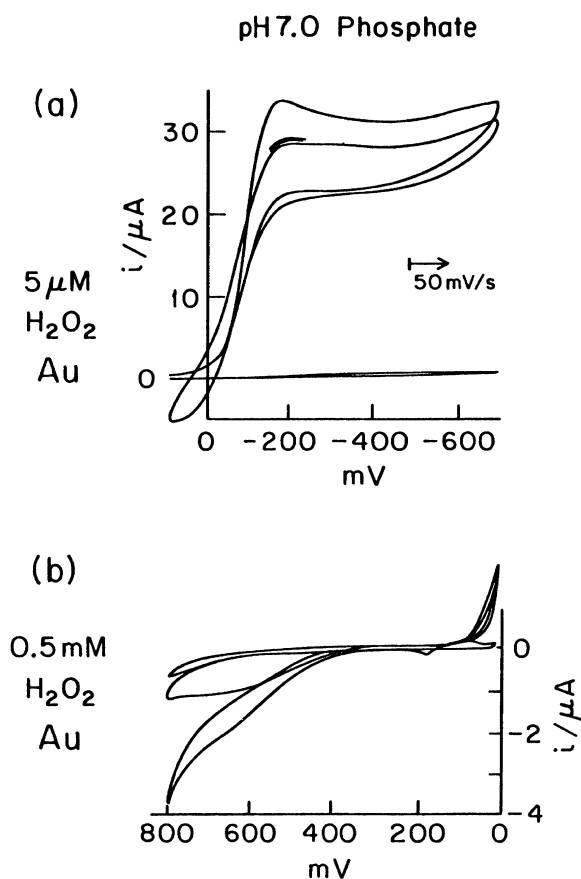
...and a word from our new cartoonist...

Daren writes: I graduated in electrochemistry from the University of Southampton working for Phil Bartlett and am currently in my post-docing years with Adam Heller. The dry and warped sense of humor that I developed during my years in the UK, I find, suits cartooning well. Cartooning is not very different from research, continuously striving to find a new angle and a fresh idea. I guess everyone must find a way of scratching out a living somehow! I only hope that in the future my research in electrochemistry (which at this stage is still in its infancy!) will be as well received as my cartoons. I hope that the series of cartoons which will appear in this and future SEAC newsletters will be enjoyed. Finally I would like to thank Debra for including the cartoons in the newsletter. d.caruana@mail.utexas.edu

—Thanks, Daren, for a glimpse of the joys and frustrations of electrochemistry!!...and I adore that little guy electromigrating!—

Return of Electrochemical Mysteries!!

Our President-Elect, Steve Weber, has suggested that it is time we revive the quixotic, irregular feature of the early days of the SEAC newsletter (back before it had a name)—and even farther back to Faraday Farbuncle's *Interface*—wherein voltammetric and other e-flavored puzzles are presented to the membership for explanation or ridicule. Below, you have our first mystery. Explanation or ridicule may be sent directly to Steve [sweber+@pitt.edu] or if anonymity is preferred, your editor offers to serve as post office [rolison@nrl.navy.mil]. Responses, with the author's permission, will be included in the next issue of *SEAC Communications*.



Steve writes: Here is an observation made by a graduate student, Claudia Cohen, several years ago. We didn't do much more work than shown here, but I've had this nagging desire to know if this is something I should understand. By the way, the O₂ reduction current, just visible in the background scan of Figure (a), is well under 1 μ A at the peak.

Both oxidative and reductive detection of hydrogen peroxide were investigated using cyclic voltammetry at a 500- μ m diameter gold disk electrode. The response to 5.0 μ M H₂O₂ in phosphate buffer was recorded in the range +100 mV to -700 mV at a rate of 50 mV/s. A separate scan was initiated at 0 V and cycled to +800 mV at 50 mV/s. The blanks were recorded in phosphate buffer with no peroxide. The cathodic current (Figure (a)) is clearly catalytic: a background-subtracted plateau value of 25.1 μ A is observed at -600 mV vs. Ag/AgCl (3 M NaCl). This large sensitivity to peroxide is even more dramatic when it is compared to a cyclic voltammogram of the oxidation of peroxide, Figure (b). A 10-fold difference in peroxide concentration was used for the oxidative and reductive scans and the current scales differ by an order of magnitude. This corresponds to 100 \times more sensitivity for the reduction of peroxide on gold compared to its oxidation.

Cyclic Voltammogram of the Oxidation and Reduction of H₂O₂ at a 500- μ m Gold Disk Electrode. Potential vs. Ag/AgCl (3 M NaCl) reference and a Pt auxiliary electrode in 0.1 M phosphate buffer, 100 mM NaCl, pH 7.0; 50 mV/s scan rate. Curves (a) and (b) include background traces with no peroxide.

—...hmmm...and what happens when those specifically adsorbed chloride ions are replaced, Steve??—

Plan your attendance accordingly!

SYMPOSIUM ON ELECTROCHEMISTRY
40TH ANNUAL ROCKY MOUNTAIN CONFERENCE ON ANALYTICAL CHEMISTRY
26-31 July 1998
Denver, Colorado

Announcing the *Symposium on Electrochemistry* to be held at the 40TH ANNUAL ROCKY MOUNTAIN CONFERENCE ON ANALYTICAL CHEMISTRY, Hyatt Regency, Denver, Colorado, 26-31 July 1998.

For information, contact: C. Michael Elliott
Department of Chemistry
Colorado State University
Fort Collins, CO 80523-1872
970-491-5204 FAX: 970-491-1801
E-mail: elliott@lamar.colostate.edu

ICFIA '98
23-27 August 1998
Seattle, Washington

The NINTH INTERNATIONAL CONFERENCE ON FLOW INJECTION ANALYSIS (**ICFIA '98**) will be held at Doubletree Guest Suites Hotel, Seattle, Washington. Abstracts of 150-250 words are solicited on methods and applications in the growing fields of FIA and SIA. Deadline for abstracts: 1 July 1998.

Publishers and producers of instruments, equipment, software and literature relevant to FIA are invited to exhibit. Program organizing committee: Gary Christian and Jarda Ruzicka of the University of Washington.

Registration fees and deadlines: Before 15 June 1998: \$275
after 15 June: \$300
Students: before 15 June: \$125
after 15 June: \$150

For a Registration Form or vendor information, contact:
Sue Christian
P.O. Box 26
Medina, WA 98039-0026 USA
FAX: 425-454-9361 or 425-688-1565
E-mail: sue@flowinjection.com
www.flowinjection.com/icfia.html

NEW TRENDS IN ELECTROANALYTICAL CHEMISTRY
Pre-satellite Meeting of the 49th Annual Meeting of ISE
10-12 September 1998
Seoul, Korea

An ISE-sponsored pre-satellite meeting of the 49th Annual Meeting of the International Society of Electrochemistry on "New Trends in Electroanalytical Chemistry" is scheduled in Seoul, Korea from 10-12 September 1998. It is just before the main meeting of the ISE 98 which will be held in Kitakyushu, Japan. Details of the meeting can be obtained from the home page: <http://plaza.snu.ac.kr/~hasuckim/pre-ISE98/>

It is also very convenient to fly to Fukuoka from Seoul. There are 4 daily direct flights to Fukuoka and it takes only one hour. So, it is a good chance to attend both meetings on the way to the Kitakyushu meeting by making a stop-over in Seoul.

I am very much looking forward to meeting you in Seoul this fall.

Hasuck Kim [Chairman, Organizing Committee]
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NEW ELECTROCHEMICAL APPROACHES TO BIOLOGICAL AND MATERIALS SCIENCES
ACS Southeastern Regional Meeting
4-7 November 1998
Research Triangle Park, NC

At the 1998 ACS SERM, we will be holding a one-day symposium titled "*New Electrochemical Approaches to Biological and Materials Sciences*". The symposium will take place Thursday afternoon (5 Nov) and Friday morning (6 Nov) at the Sheraton-Imperial Hotel and Convention Center in Research Triangle Park.

<http://www2.ncsu.edu/sermacs98/> is the official Web site for the 1998 ACS SOUTHEASTERN REGIONAL MEETING and includes information on the other 16 symposia and 28 general sessions as well as travel, lodging, registration, etc. Abstracts will be due 15 May 1998.

We hope to see you in Research Triangle Park this November.

Edmond F. Bowden
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Telephone: 919-515-7069

Daniel Feldheim
feldheim@chemdept.chem.ncsu.edu
Telephone: 919-513-1109

—as our SEAC Surfers know, the information on these meetings has been listed on the homepage since April. Remember: let your electrons do the walking!—

From the (E-)Mailbag

—Further/final comments from the membership re: (1) creating a SEAC home page and (2) /seac/ vs. /seac2/—

In message Thu, 19 Feb 1998 11:25:48 -0500, Chandrani Gunaratna writes:

Dear Debra—I took a peek at both Web sites <http://.../seac/> and .../seac2/. The first one looks more professional. When SEAC ceases the publication of the hard copy you may need to send e-mail reminders to the membership about updates in the web page like Chemcenter, the ACS web site, does. Keep up the good work.

Chandrani Gunaratna, Senior Research Chemist
Bioanalytical Systems
West Lafayette, IN
prema@bioanalytical.com

—Thanks for the vote, Chandrani. The trend (such as it was) was for /seac/ rather than /seac2/, but please check out what Sam Kounaves has done with re-structuring the Website. And we definitely plan to have e-mail notification (one way or the t'other) to the members as new issues of the newsletter are added to the home page—

In message Thu, 26 Feb 1998 09:48:51 -0500, Steven Petrovic writes:

Debra—Well it appears as though Sam Kounaves' group has done a great job setting up the SEAC Website. I like the idea of a Web-based SEAC newsletter, phasing out the hard copy over the course of a year. Would it be possible to set up a mailing list for SEAC members so that a reminder could be sent out whenever the most recent issue of the newsletter was posted? Best Regards, Steve

Steven Petrovic
Chemistry Department; Ohio University
Athens, OH
petrovic@helios.phy.ohiou.edu

—Thanks for the feedback, Steve (and it appears you have recovered from the GRC!). I agree: big buckets of gratitude to Sam for making us as a society look semi-up-to-date! We most definitely want an e-mail reminder sent to members...see above. And congratulations to you for winning one of the Student Travel Grants!—

In message Mon, 9 Mar 1998 08:46:14 -0500, Richard McCreery writes:

Debra—the Web page looks nice! I found /seac/ to be better than /seac2/, as the latter was too wide for my screen. Not all of the button bars worked on /seac/, but that is probably a temporary hitch. Thanks for all the good work, Rick

Rick McCreery
Dept of Chemistry; Ohio State University
Columbus, OH
mccreery.2@osu.edu

—Thanks for the thanks, Rick—and thanks to Sam—I really think our Website will snowball into broader interactions within and outside of SEAC over time...exactly what we need to be doing to maintain viability. I am getting far more member feedback than I was even six months ago. You were right about the dead buttons on /seac/ arising from a temporary hitch...all should be normal again—

—Electrons worldwide—

In message Mon, 9 Mar 1998 10:03:29 +0900, Hasuck Kim writes:

Dear Debra—Thank you for your e-mail of today. I appreciate your kind attention to this matter to create a Category of UPCOMING MEETINGS in the SEAC home page where our meeting will be announced. About electrochemistry in Korea, we have just established the Korean Electrochemical Society. We are going to have the first scientific meeting some time in October. It would be nice to have some kind of cooperation with SEAC in addition to Electrochemical Society in the State and International Society of Electrochemistry. If you need further information on the meeting and the KEC, please feel free to send me e-mails. With best regards, Hasuck

Hasuck Kim
Dept of Chemistry; Seoul National University
Seoul 151-742, KOREA
hasuckim@plaza.snu.ac.kr

—Officers of SEAC: consider yourself alerted to cooperative opportunities in Korea!—

—Oops...—

In message Mon, 23 Mar 1998 10:03:29 -0500, Dmitri Brevnov writes:

Dear Dr. Rolison—I was pleased to find my name among new members of SEAC in *SEAC Communications* (vol.14, #1, Feb 98). But I also found that my last name was not printed correctly. The last letter should be "v" instead of "n". I hope that you will be able to fix this mistake. Please, also keep me informed so that I can renew my annual membership. Sincerely,

Dmitri Brevnov
Dept. of Chemistry; West Virginia University
Morgantown, WV
dima@zeus.chem.wvu.edu

—So noted Dmitri...and apologies from me and my source (Note to unnamed source a.k.a. Andy Ewing: please correct the SEAC data base, Andy!)—

—Kudos—

In message Sat, 7 Mar 1998 09:11:02 -0500, Jennifer M. Treece writes:

Debra—Hello again! BAS is planning a SEAC-related cover for its next issue (June) of *Current Separations*. The idea is to display the photographs of the current and previous Reilley Award winners, with a short article in the journal on the 1998 Reilley and Young Investigator awardees. We will include info on SEAC membership as well.

Jennifer M. Treece
Bioanalytical Systems, Inc.
West Lafayette, IN
treece@bioanalytical.com

—Thanks, Jennifer, for the "face" time for SEAC. Members: (1) check out the stellar assembly of Reilley Awardees!...coming soon to a mailbox near you; and (2) let's all give a round of hearty applause to Jennifer, because she is directly responsible for the hard copy of SEAC Communications you now hold in your hand (as well as the previous two issues). Thanks for the great job, Jennifer!—

—And finally, a word from our European Regional Editor—

In message Wed, 25 Feb 1998 16:24:49 +0100, Karl Cammann writes:

Dear Debra—Thanks for your email. Since I am on my sabbatical leave at the U. of Michigan at Ann Arbor I could not answer earlier. I don't have anything for the recent edition but I could report something about my work in different commissions (EURACHEM, CITAC) to "translate" the ISO 25 "Quality Assurance" Guide for analytical laboratories. Maybe something about a method validation which will pass the accreditation inspectors. In general I have moved somewhat in this direction. The "cold-fusion" story would never have happened with a reliable QS! Maybe we will meet at Pittcon at the EC-Sessions. Best regards. Yours sincerely

Karl Cammann
engelbert11@email.msn.com

—Please do prepare something for the newsletter about your work on the quality assurance guide, Karl. While it is fun to have reports on the members' various shenanigans, I would also like to revive the tradition in which part of the newsletter is devoted to scientific/professional issues. Having been witness to the cold fusion imbroglio from its pre-news conference days, I know how many pieces of the scientific process fell apart in those days: the peer review system first and foremost, but it was astonishing how very bad most experimentalists are at experiments when the experiment is a difficult one. So a little Quality Assurance should be good for SEAC souls...—

Reminders to the SEAC Members

—Join us!—

SEAC's new Membership Chairman, SUSAN LUNTE [Department of Pharmaceutical Chemistry; 2095 Constant Avenue, University of Kansas, Lawrence, KS 66047, USA] will now receive all NEW MEMBERSHIP APPLICATIONS and INITIAL DUES PAYMENTS. Any new members recruited by current members should send their completed applications directly to Susan.

—How your votes counted—

New Members of the SEAC Board of Directors Term of Service: 1998-2003

RICHARD BALDWIN (*University of Louisville*)

SUSAN LUNTE (*University of Kansas*)

MARC PORTER (*Iowa State University*)

New Officers of SEAC

PRESIDENT-ELECT: STEVE WEBER (*University of Pittsburgh*)

TREASURER: JOE MALOY (*Seton Hall University*)

SECRETARY: ANDY EWING (*Pennsylvania State University*)