

SEAC

C O M M U N I C A T I O N S

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President's Message

As we live through the U.S. government budget crisis, with temporarily locked doors at the Smithsonian and other manifestations of general financial adversity and indecision, it is a pleasure to report that **SEAC is more soundly based** and in a position to contemplate enlarging its support of excellence beyond the Reilley Award. This favorable situation arises from the continuing generosity of **BAS, Inc.**'s support of the Reilley Award and the astute handling of the SEAC treasury through the eras of Larry Faulkner and Frank Schultz. We hope to turn our attention toward supporting the younger contingent of SEAC membership in some form of recognition for early achievement.

Certainly activities that support new initiatives and upcoming researchers that grace our esteemed traditions are a significant part of **SEAC's** reasons for existence. With our present schedule, something more formal may be ready for consideration at the Board of Directors meeting at **Pittcon** in Chicago next March.

Congratulations are due to Royce Murray, who will be taking over the Editorship of Analytical Chemistry in 1991, shortly before he becomes President of SEAC. Analytical Chemistry has been a repository of classical papers in electroanalytical chemistry and promises to be a future haven as well.

Our own Editor, Dick Durst, has changed labels from **NIST** to **NYSAES**, but remains true to SEAC Communications. This step from Gaithersburg to the Agricultural Station at Geneva should give him food for thought (as well as experiments). That last sentence probably comes from reading him too much.

I conclude with a pitch from my own editorial responsibility at **J. Electrochem. Soc.** We are beginning in May an unproved rapid publication format within the Journal called Electrochemical Society Letters that will be prominently displayed (up front), look better (typeset), and be fast turn around (four months or better). We look for innovative work (expressed in three Journal pages or less) that is worthy of mention. I know the readership of SEAC has plenty of such stuff in process.

Barry Miller

Editorial

I apologize for the tardiness of this issue of SEAC Communications, but I think my excuse is legitimate this time. As most of you know, I have recently moved from **NIST** to the Geneva, NY campus of Cornell University. After 25 years, one tends to accumulate a lot of "treasures" which take quite a bit of time to go through and sort out. That, along with learning my new job at Cornell and moving to a new (circa 1815) home with a big out-of-control yard, doesn't leave much time for extracurricular activities, such as eating, sleeping and editing. Seriously, however, the delay in getting this issue out has resulted in several job availability notices exceeding their deadlines. I am including a brief notice of each in this issue for information purposes and just in case some of the searches may have been extended. If you are interested in any of them, it couldn't hurt to inquire.

As noted in the last newsletter, Stan Bruckenstein was selected as this year's Reilley Award winner. Congratulations again, Stan, on a well-deserved award. In this issue, you will find Stan's biographical sketch and the program for an excellent Award Symposium Janet Osteryoung has organized for Stan at the next Pittsburgh Conference in Chicago. I hope to see many of you **SEACers** there,

As everyone certainly already knows, a past Reilley Award winner, Royce Murray, was chosen to be the next editor of Analytical Chemistry. In his own quiet way, after letting me babble on for several minutes about who might be the next editor, Royce told me the good news at the ACS Analytical Chemistry Division dinner in

Washington last September. Although I may not give Nostradamus much competition, I will take some credit for "predicting", in my editorial in the June issue of the newsletter, that a SEACer would become the new editor of Analytical Chemistry as is now the case for several other prestigious journals. Now for my next prognostication: I predict that George Morrison will soon step down as editor of Analytical Chemistry after many years at its helm. Thank you, George, for providing us with an excellent forum for the publication of many of our best analytical research papers. I am sure that Royce will carry on the traditions of his illustrious predecessors and raise Analytical Chemistry to new heights in quality scientific publishing. Of course, this means greater emphasis on electroanalytical papers.

Dick Dunst

**Stanley Bruckenstein:
7991 Charles N. Reilley
Award Winner**

Stanley Bruckenstein is A. Conger Goodyear Professor of Chemistry in the Department of Chemistry of the University at Buffalo of the State University of New York. Professor Bruckenstein received his B.S. in Chemistry from the Polytechnic Institute of Brooklyn and his Ph.D. from the University of Minnesota. His initial academic appointment was in the Chemistry Department of the University of Minnesota as an instructor. He was Professor and Chief Division of Analytical Chemistry when he moved to the State University of New York at Buffalo as Professor of Chemistry.

Professor Bruckenstein received the Distinguished Service Award, Analytical Group of the Western NY Section of the ACS, and the Niagara Frontier Section of the Society for Applied Spectroscopy and the Jacob F. Schoellkopf Medal, Western NY Section of the American Chemical Society. He has been a Scientific Exchange Participant between the National Academy of Sciences, USA, and the Academy of Sciences of the USSR and performed research at the Institute of Electrochemistry in Moscow and at the State University of Moscow (MGU), Chair of Electrochemistry. He

is a Faculty Exchange Scholar, State University of New York and is listed in *Who's Who in America*.

He has served as Program Director for Analytical Separations and Measurements, Chemistry Division, National Science Foundation as a one year rotator, on the editorial boards of ANALYTICAL CHEMISTRY and TALANTA, on the Commission on Equilibrium Data (V6) and on the Commission on Electroanalytical Chemistry (V5) of the International Union of Pure and Applied Chemistry, and as Scientific Advisor to the Food and Drug Administration, Minneapolis District. He was Vice-Chairman and Chairman of the Gordon Research Conference on Electrochemistry. He was Secretary-Treasurer, Vice Chairman, and Chairman of the Physical Electrochemistry Division of The Electrochemical Society, Inc. and a Director of the Society for Electroanalytical Chemistry.



Stanley *Bruckenstein*

Charles N. Reilley Award Symposium

- 1:30 p.m. Introductory Remarks - J.G. Osteryoung**
- 1:35 p.m. 1991 Charles N. Reilley Award will be presented to Stanley Bruckenstein of State University of New York, Buffalo by Barry Miller, AT&T Bell Laboratories President, Society for Electroanalytical Chemistry**
- 1:40 p.m. Award Address: A Pot-Pourri of Electrochemical Microbalance Studies.
S. Bruckenstein, SUNY at Buffalo**
- 2:15 p.m. Applications of Hydrodynamic Electrodes in the Study of Electrocatalytic Processes at Solid Electrodes.
D.C. Johnson, Iowa State University**
- 2:50 p.m. Probing Interfaces with the Quartz Crystal Microbalance.
M.D. Ward, University of Minnesota**
- 3:25 p.m. RECESS**
- 3:35 p.m. Superconductor Crystals and Metal Junctions by Electrochemistry.
B. Miller, AT&T Bell Laboratories**
- 4:10 p.m. Nucleation and Growth of Polymer Films.
H. White, University of Minnesota**

Membership Committee: "HELP !!!"

Included with this issue of SEAC Communications are two brochures from the Membership Committee. One of these is the now standard Membership Information flyer that can be used to enroll associates as new Members of SEAC. This document gives a brief description of our organization and provides the prospective Member with a succinct application form. The other, a new document entitled Lifetime Membership Option, is intended primarily for the use of individuals who are already regular Members of SEAC. This document describes the Life Membership and the convenient five year installment plan for the payment of dues. It also lists those individuals who are Life Members of SEAC.

The membership Committee requests that you put these two enclosures to good use. If you have associates who are not Members of SEAC but are otherwise qualified to join, please invite them to do so. The enclosed membership application may be duplicated, or you may obtain additional copies of Membership Information directly from the Membership Chairman.

If you are not already a Lifetime Member of SEAC, or on your way to becoming one, please consider this option. Under the dues structure that is currently in effect, it only costs \$50 per year for five years to secure the benefits of SEAC membership for the remainder of your professional career. For those whose careers are just beginning, Lifetime Membership is the most cost effective way to belong to SEAC. For those who are more established, the cost of the Lifetime Membership installment is only a fraction of the annual dues paid to other technical organizations that do far less to promote electroanalytical chemistry. Thus, regardless of one's situation, Lifetime Membership makes sense - it's the right thing to do.

Election of Directors

SEAC Secretary Joe Maloy has requested that Members be notified that the terms of office of the following

three Directors will expire on June 30, 1991:

Richard L. McCreery

Barry Miller

George S. Wilson.

In accord with our Bylaws, an election must be held during the period December 1 - January 15 to fill these vacancies on our Board. Ballots for this election will be mailed to each Member under separate cover.

Nominations for these five-year positions on the Board of Directors are hereby requested from the Membership. Please send all such nominations directly to:

Joe Maloy

Department of Chemistry

Seton Hall University

South Orange, NJ 07079

Joe will forward them to the Nominating Committee.

Letters to the Editor

Dear Dick:

Congratulations on the new job. Sounds like it will be an exciting and fulfilling experience.

I just wanted to pass on to the readers of the SEAC Newsletter that I have taken on new and additional responsibilities at IUPUI: Associate Dean for Research and Faculty Development within the School of Science. I expect to maintain my research program within the Department of Chemistry.

With good luck and best regards.

Sincerely,

Franklin A. Schultz

Professor of Chemistry

Associate Dean IUPUI

Dear Dick:

Welcome to the Finger Lakes! Now that you have spent your first month in this wonderful region of the world, I suspect that your impression of the State of New York and what it is really like may have changed somewhat. Having grown up just down the road in Waterloo and now living just west of Syracuse, I probably have a biased outlook on what is a good place to live. Best of everything to you and in

your success at the Experiment Station.

I suspect that I must be one of the earlier members of SEAC as my "number" is 074. At the time of the founding of SEAC, I was actively engaged in electroanalytical chemistry at Bristol-Myers in Syracuse. Specifically, I was utilizing the Static Mercury Drop Electrode (PAR Model 303) as a detector for HPLC. This work, while frustrating at times, proved to be the most satisfying of my career. The sensitivity and selectivity of the mercury electrode proved to be unmatched in detecting and quantifying drugs and metabolites. I would be happy to share my experiences with any of your readers who may have tried to utilize this detector in their own work.

In the years since leaving Bristol-Myers, my career has undergone some significant "iterations." After a stint as an applications chemist with Laser Precision Analytical in Utica (FTIR), I moved on to a position with a small software house in Syracuse, New Methods Research, Inc., specializing in the NMR software market. Following that, I decided to strike out on my own as a manufacturers' representative in the analytical instrument and software business.

At the risk of being "salesy", which I do all the time anyway, the products that I represent may be of interest to you at the Experiment Station: HPLC, FTIR, software and accessories. If so, please contact me. If not, please accept my sincere welcome to Upstate New York and my best wishes for a happy and productive career in Geneva.

Best Regards,

Tom Jenks

Tetragon Scientific

117 South Street

Box 114 Elbridge, NY

13060-0114

Dear Dick:

RE: Forwarding of SEAC Communications

Please be advised of my change of address from Deakin University to:

La Trobe University
School of Physical Sciences
Chemistry Department
Bundoora, Victoria Australia 3083
PHONE: (03) 479 1111 Ext. 2545
TELEX: (AA) 33143
FAX: (03) 478 5814

Yours sincerely,

Alan Bond
Professor of Chemistry
La Trobe University

Dear Dick:

Congratulations on your return to the academic life! Once again I enclose information on the ACS Division of Analytical Chemistry Summer Intern Program. I would appreciate your including it in a future issue of the SEAC Newsletter.

Thanks.

Sincerely,

D.J. Curran, Chair
Professional Status
Committee
Div. Analytical Chemistry
American Chemical Society

Division of Analytical Chemistry Summer Internship Program

The American Chemical Society Division of Analytical Chemistry is seeking applicants and positions for the 1991 Summer Internship Program. This program is aimed at introducing talented students to modern analytical chemistry. Those students selected will be employed by industrial, government, or academic laboratories, where they will carry out various phases of fundamental or applied research. Participating laboratories agree to hire one or more students during the summer. Applications are screened and evaluated by the Division's Professional Status Committee. Applications and reference letters of qualified stu-

dents are sent to several participating laboratories. These organizations select the individuals most suited to their needs. The Professional Status Committee acts as a broker, soliciting applications from students and positions from laboratories. Salary and details of employment are negotiated by the organization and the student.

Students are encouraged to apply. To be eligible for consideration, they must have completed a minimum of two years of college, preferably including an instrumental analysis course or its equivalent. Juniors, seniors, and graduate students are eligible. All must have a genuine interest in analytical chemistry. Seniors graduating in 1991 must have applied to graduate school with the intention of majoring in analytical chemistry.

Graduate students must be enrolled in an analytical program.

Employers are urged to consider this program in planning for their Summer 1991 employment needs. Past experience shows that very capable students apply for our Summer Intern opportunity, and your participation will give you the opportunity to consider them for your positions.

Employer participation forms, student application forms, and further information about the program are available from D.J. Curran, Chairman, Professional Status Committee, ACS Division of Analytical Chemistry, c/o Department of Chemistry, University of Massachusetts, Amherst, MA 01003. The deadline for receipt of complete student applications is Feb. 15, 1991.

Job Opportunities..... Past

Because all of these positions are past their deadline, I have only provided the name of the person to contact for further information on the status of the opening:

Michigan State University

Department of Chemistry, tenure track position in Analytical Chemistry, 1 1/1/90. Contact: Stanley R. Crouch, Chairperson Analytical Search Committee Department of Chemistry Michigan State University East Lansing, MI 48824-1322 517-355-9715

Colorado State University

Department of Chemistry, T.T. in AC, 1 1/1 2/90. Contact: Charles R. Martin Department of Chemistry Colorado State University Fort Collins, CO 80523

IUPUI

Department of Chemistry, Chairperson, 1 1/1/90. Contact: Martin J. O'Donnell Chairman, Search Committee Department of Chemistry - IUPUI 1125 East 38th Street Indianapolis, IN 46205-2810

Employment Opportunities - Present

Tenure-Track Position - Analytical Chemistry: The Department of Chemistry and Biochemistry at Southern Illinois University at Carbondale is seeking applicants for a continuing, tenure-track Assistant or Associate Professor position to begin Fall, 1991 or Spring, 1992. Rank will be dependent upon experience and qualifications. Applicants must hold a Ph.D. degree. Qualified applicants in all areas of analytical chemistry will be considered, but preference will be given to individuals whose research interests complement those of the current faculty. Special consideration will be given to electroanalytical chemists. A letter of application, resume, statement of research plans, and at least three letters of recommendation should be sent to Dr. C. David Schmulbach, Department Chair, Department of Chemistry and Biochemistry, Southern Illinois University at Carbondale, Carbondale, IL 62901-4409, before January 15, 1991. Southern Illinois University at Carbondale is an equal opportunity/affirmative action employer.