

SEAC NEWSLETTER

Volume 4, No. 2, June 1987

The Society for Electroanalytical Chemistry

From the Double Layer



Khartoum -- It has been a decade since I reported on electroanalytical happenings. I am greatly appreciative of Bill Geiger for asking me to contribute to this newsletter. The first half of 1987 was certainly a rich period for electrochemical meetings. There was the usual frolicking on the beach at Santa Barbara, a fantastic SEAC symposium at the Pittsburgh Conference starring "Robert Osteryoung and the Square Waves", and three meetings in England over a two week period (one on general electroanalytical, one on in vivo electrochemistry, and one on electrochemical techniques applied to pharmacology). In spite of the brain drain, there is still lots of good EC work in the UK. In May the Electrochemical Society met in Philadelphia, but there was little analytical component to the meeting. This will be more than compensated for in the upcoming joint meeting in Honolulu where there will be a historic high in the number of electroanalytical papers. Surfs up!

The 8th International Electroanalytical Symposium (IES) was noted to have unusually high quality presentations. It was immediately followed by a Bioanalytical Workshop (with a large EC component) at the revitalized University of Kansas. This also was a superb meeting with excellent balance between different approaches to the determination of substances in biological materials. Both of these meetings had a strong international participation. Later in June there were two back-to-back "biosensor" meetings in Germany and Bloomington, Indiana. Eight speakers made it to both meetings attesting to the fact that enormous quantities of German beer and jet lag can not dampen the mounting enthusiasm for biosensors. The Analytical Summer Symposium at Indiana University on this topic attracted 180 attendees when less than 100 were originally anticipated. It was therefore an opportune time for the President of SEAC, Peter Kissinger, to announce his candidacy for the Presidency of the United States of America. This announcement was greeted with skepticism until he verified that funding for electroanalytical research would be boosted tenfold under his administration. He said he aspired to the level of fun enjoyed by previous candidates in boats and condominiums and concluded by quoting Jimmy Carter, "You can depend on it." It's good to be back. Please send in your \$10 contributions and be sure to visit my electrochemical theme park, Faradayland, which is under construction in Palm Springs. There will be rides through the double layer, a rotating disk which seats 60, and a microelectrode hotel with very small rooms, thin-layer sandwiches, and polymer modified carrot sticks.

---Lt. Col. Faraday Farbuncle

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<i>Membership</i>	Joseph T. Maloy, Seton Hall University
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<i>Awards</i>	Richard Buck, University of North Carolina
<i>Bylaws</i>	Barry Miller, AT&T Laboratories

SEAC BOARD OF DIRECTORS

The names, addresses and phone numbers of members of the SEAC Board of Directors are listed so that you will feel free to communicate with any of them on questions or matters of interest to the SEAC membership. Easylink numbers are used to send "electronic mail" to confidential computer-based mailboxes. You must be a subscriber to utilize these services.

Terms Expiring in 1988

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NOMINATION

To:
Joseph T. Maloy
The Secretary
Society for Electroanalytical Chemistry
Dept. of Chemistry
Seton Hall University
South Orange, NJ 07079

We, the undersigned members of SEAC, do hereby request that the name of _____ a member of the Society, be placed in nomination to the Board of Directors of the Society in the election which is to be held during the period December 1, 1987 to January 15, 1988.

Submitted by: _____

MEETINGS

*CALL FOR PAPERS: ElectroFinnAnalysis
Turku-Abo, Finland, June 6-9, 1988.*

The conference will be devoted to applications of analytical electrochemical methods. The scientific program will consist of plenary and keynote lectures as well as submitted papers and poster presentations on various topics including instrumentation; electrochemical sensors; electrochemical flow analysis; and industrial, pharmaceutical, and clinical applications. Authors wishing to present papers or posters should submit a 250-word abstract before Dec. 31 to Ari Ivaska, Laboratory of Analytical Chemistry, Abo Akademi, SF- 20500 Turku(Abo), Finland.

*CALL FOR PAPERS: NERM 17
November 8-11, 1987, Rochester, New York*

The 17th North East Regional Meeting of the American Chemical Society will be held in Rochester, New York, November 8-11, 1987. Contributed papers are invited for an ELECTROANALYTICAL SYMPOSIUM at which the keynote speaker will be Dr. Steven Weber of the University of Pittsburgh. Individuals interested in submitting a paper should mail abstracts (original and three copies) on standard ACS forms to the program chairman:
John Ferron, Department of Chemical Engineering,
University of Rochester, Rochester, NY 14627 (716) 275-5959

**CALL FOR PAPERS: SYMPOSIUM ON
"ADSORPTION IN ELECTROCATALYSIS"**
June 5-11, 1988 Toronto, Canada

Dr. Janis Gulens has written to advise the SEAC membership of a Symposium on "ADSORPTION IN ELECTROCATALYSIS" being organized during the Third Chemical Congress of North America, June 5-11, 1988. Dr. Gulens is organizing the symposium on behalf of the Analytical Chemistry Division of the Canadian Society for Chemistry, and invites the SEAC membership to submit titles for papers. The congress is a joint meeting of the American Chemical Society, Chemical Institute of Canada, and the Sociedad Quimica de Mexico, A.C. For details, please contact: Dr. Janis Gulens Atomic Energy of Canada, Ltd., General Chemistry Branch, Reactor Materials Division, Chalk River Nuclear Laboratories, Chalk River, Ontario, CANADA KOJ 1J0
Telephone: (613)584-3311 Telex: 053-34555 FAX: (613)589-2039

**J. HEYROVSKY CENTENNIAL CONGRESS ON
POLAROGRAPHY August 20-25, 1990**
Prague, Czechoslovakia

A Congress is being organized to commemorate the 100th anniversary of the birthday of Professor J. Hérovský (December 20, 1890). The meeting is a joint project of the Czechoslovak Academy of Sciences and the International Society of Electrochemistry.

New developments in polarography and other electrochemical methods and their applicability to various fields of scientific endeavor will be emphasized. Major topics at the Congress will include:

1. Polarography and other electroanalytical methods used in industrial, biomedical and environmental applications.
2. Theory of charge transfer.
3. Molecular electrochemistry.
4. Nonmetallic electrodes.
5. Conversion and energy storage.

Five plenary lectures and 15 section lectures are anticipated. All scientific contributions will be presented in poster form. First circulars will be mailed by mid-1988 with additional details.

Bulletin Board



POSTDOCTORAL POSITIONS IN ELECTROANALYTICAL CHEMISTRY AT INDIANA UNIVERSITY-PURDUE UNIVER- SITY

Two postdoctoral positions are available at Indiana University-Purdue University at Indianapolis as of August 1, 1987. Research involves relationships between structure and electrochemical reactivity of transition metal complexes and applications of chemically modified

electrodes in electrocatalysis. A resume and three letters of recommendation should be sent to the attention of: Professor Franklin A. Schultz, Dept. of Chemistry, Purdue University School of Science, Indiana Univ.-Purdue Univ., Indianapolis, IN 46223

Contributions to SEAC's Reilley Award Endowment Fund

The following is a current list of individuals who have made a contribution to SEAC's Reilley Award Endowment Fund. Each individual has been acknowledged, by thank you letter, for their donation.

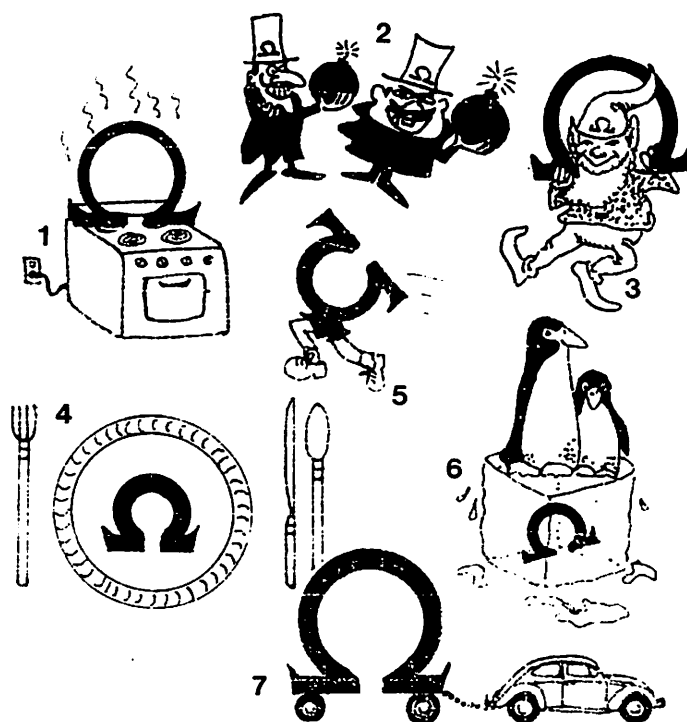
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* His contribution was to SEAC (not specifically to the Reilley Endowment).

AT THE SEAC NEWSLETTER, WE HAVE NO "RESISTANCE" TO ANY CONTRIBU- TIONS OF HUMOR!!

Please....hold down those groans! The following OHM puzzles were contributed by SEAC member Dr. Chester Duda. See if you can determine the meaning of these cartoons which utilize both the symbol for OHM and the word (answers are at the bottom of the newsletter).



SEND US YOUR CONTRIBUTIONS!

- * No joke is too low!
- * No announcement is too early!
- * No cartoon is too copyrighted!

Any and all contributions are encouraged and welcomed by the Editor:

Professor William E. Geiger
Department of Chemistry
University of Vermont
Burlington, VT 05405



A Note from Your Treasurer

Starting with calendar year 1988, the annual membership dues for SEAC will be \$15.00 for regular members and \$7.50 for student members. This \$5.00/\$2.50 increase in the dues rate was approved at the last SEAC Board Meeting in March.

This increase in dues is necessary to cover the rising costs of Society operations. These operations include such items as the Symposium associated with the REILLEY AWARD, the SEAC reception at the Pittsburgh Conference, printing of the newsletter, postage, etc.

In the past, half of the annual dues collected have been put into our working fund and half have been allocated to our Reilley Endowment fund. Of the \$10.00 received per regular member, \$5.00 has been put into the working fund and \$5.00 into the Reilley endowment. The \$5.00 increase in per member dues for 1988 will represent an increase to our working fund only, i.e. \$10.00 will be put into the working fund and \$5.00 will continue to be allocated to the Reilley endowment. Most of the increase will be devoted to an expansion of the Newsletter and improvement in mail delivery service.

It is anticipated that the annual dues will remain at \$15.00/\$7.50 for several years.

Larry R. Faulkner



OHM Puzzle Solutions:

1. Ohm, Ohm on the Range (or Ohm Cooking)
2. Bad Ohmen
3. A Gnohme
4. Ohm Plate (for eating at Ohm)
5. Ohm Run
6. A "Cool"-Ohm
7. Mobile Ohm