S.E.A.C.
Society for Electroanalytical Chemistry

SEAC Newsletter

Volume 2, No. 2 June, 1985

1986 C.N. Reilley Award

CONGRATULATIONS TO PROFESSOR FRED ANSON WINNER OF 1986 C. N. REILLEY AWARD

Professor Fred C. Anson of the California Institute of Technology will receive the third C. N. Reilley Award in Electroanalytical Chemistry. This annual award recognizes scientists who have made major contributions to the theory, instrumentation or application of electroanalytical chemistry. The award is administered by the Society for Electroanalytical Chemistry and is sponsored by Bioanalytical Systems, Inc. (BAS).

Professor Anson will be presented with the award plaque and a check for $1,000 at the Reilley Award Symposium to be held at the 37th Pittsburgh Conference in Atlantic City, New Jersey, March 10-14, 1986.

BOARD ESTABLISHES REILLEY AWARD ENDOWMENT FUND

At its meeting in Chicago on May 30, 1985, the SEAC Board of Directors approved the establishment of a permanent fund to endow the C. N. Reilley Award. The purpose of this fund is to perpetuate this annual cash award for outstanding accomplishments in electroanalysis.

The Reilley award is currently sponsored by BAS, Inc. Under terms of an agreement among the founders of SEAC, BAS will provide funding for the first ten years of the award. In accord with By-Laws which were established at the time of incorporation as a non-profit organization, SEAC will 'seek to endow' the Reilley Award during this ten-year period of BAS sponsorship. This action by the Board is intended to provide a mechanism whereby the terms of the By-Laws may be fulfilled through voluntary contributions of members and friends of SEAC.

Persons and organizations wishing to make contributions toward the endowment of the Reilley Award may do so by submitting these contributions to the SEAC Treasurer, Larry Faulkner. Checks should be made payable to SEAC and should bear the designation 'Reilley Endowment Fund.' Such contributions to a non-profit scientific society may be fully deductable under Section 170 (c)(2) of the IRS code of 1954. All non-anonymous contributions in excess of $100.00 will be recognized in the SEAC Newsletter.

All proceeds shall be deposited in an interest-bearing account and neither the principal nor the accumulated interest shall be withdrawn during the initial ten years of BAS sponsorship. It is the hope of the Board of Directors that by that time, sufficient funds will have accumulated to endow the award permanently on interest income alone.

FUTURE MEETINGS

Conference on Electroanalysis: Dublin, Ireland

A conference devoted to the theory and application of modern potentiometric and voltammetric methods of analysis will be held in Dublin, June 10-12, 1986. Special sessions will be on chemically-modified electrodes and applications of electroanalysis in clinical and environmental chemistry. Workshops and and extensive social program are planned. For more information contact:

Dr. Malcolm R. Smyth
School of Chemical Sciences
National Institute for Higher Education
Glasnevin, Dublin 9,
Ireland

Electrochemistry in IUPAC Meeting: Manchester, U.K.

A considerable number of papers of interest to electrochemists will be given at the 30th IUPAC Congress to be held in Manchester, England, September 8-13, 1985. Further information about the meeting can be obtained from Dr. J. F. Gibson, Royal Society of Chemistry, Burlington House, London, W1V, 0BN, England. Some papers of possible interest are:

'Direct Electrochemical Syntheses in Inorganic and Organometallic Chemistry,' D. G. Tuck, University of Windsor, Canada

'Electrochemical Synthesis of Highly Conducting Transition Metal Complexes Derived from Sulphur Ligands,' P. Cassoux, CNRS, Toulouse, France

'Electron-transfer Reactions in Nitrogen Fixation,' C. Pickett, University of Sussex, Brighton, U.K.

'Stereo- and Regio-specific C-C Bond Formation and Cleavage via the Redox Reactions of Transition-metal Olefin Complexes,' N. Connelly, Bristol, U.K.

'Electrochemical Behaviour of Transition Metal Complexes Under Pressure of Non-inert Gases; A New Synthetic Method,' N. E. Murr, CNRS, Villeurbanne, France

'Electrochemistry of Borane Anions,' J. H. Morris, University of Strathclyde, U.K.

'Active Sites and Binding Sites in Reactions of Metalloproteins,' A. G. Sykes, University of Newcastle upon Tyne, U.K.

'Kinetics and Mechanism of Nitrogenase Action,' R. N. F. Thorneley, University of Sussex, Brighton, U.K.

'Redox-linked Spin State Changes in a Di-haem Cytochrome c Peroxidase,' A. J. Thomson, University of East Anglia, U.K.

'The Electron Transfer Mechanism of Cytochrome-C,' F. Millett, University of Arkansas, U.S.A.

Title not available, R. J. P. Williams, University of Oxford, U.K.

'Nuclear Configuration Changes in Electron-transfer Reactions of Metal Complexes,' N. Sutin, Brookhaven National Laboratory, Upton, U.S.A.

'Intramolecular Electron-transfer Reactions in Transition Metal Compounds; Outer-sphere vs. Inner-sphere Activated Complexes,' K. Weighardt, Ruhr Universitat, Bochum, F.R.G.

Title not available, D. Margerum, Purdue University, U.S.A.

'Redox Properties of Metal Complexes with Single- and Double-ring Macrocycles,' L. Fabbrizzi, Universita di Pavia, Italy

'Copper (II) in Concert: An Application of Binucleating Ligands,' D. E. Fenton, University of Sheffield, U.K.

'Intermolecular Electron-transfer in Solids: Structural and Electronic Factors,' P. Day, University of Oxford, U.K.

'Conducting and Superconducting Organic Solids Derived from Sulphur and Selenium-containing Heterocycles,' K. Bechgaard, Copenhagen, Denmark

'Electrical Conduction Properties of One-dimensional Metallic Complexes,' A. E. Underhill, University of North Wales, Bangor, U.K.

'Novel Properties of Extended Chain Compounds Consequences of a Small Energy Gap,' F. Wudl, University of California, Santa Barbara, U.S.A.

'Properties of Electrically-conducting Polymers,' K. Carneiro, University of Copenhagen, Denmark

CALL FOR PAPERS

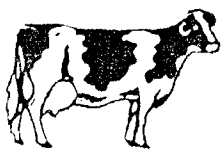
3rd Annual Charles N. Reilley Award Symposium
in
Electroanalytical Chemistry
March 10-14, 1986
Atlantic City

Deadline for Abstract Submission: August 2, 1985

Submission of contributed papers is requested for presentation in the Charles N. Reilley Award Symposium at the 1986 Pittsburgh Analytical Conference in Atlantic City, New Jersey, March 10-14, 1986. This symposium, covering developments and applications of electroanalytical importance, has quickly established itself as the most significant annual gathering of electroanalytical chemists, on the basis of attendance and range of topics covered. The research accomplishments of the recipients of the first two C. N. Reilley Awards, Al Bard and Ralph Adams, typifies the quality of subject material emphasized by this symposium; and the recipient of the third award to be given at the 1986 meeting, will exemplify the same level of excellence in electroanalytical chemistry. Abstracts for contributed papers are due by August 2nd, and should be sent to Alma Johnson, Pittsburgh Conference - C. N. Reilley Award Symposium, 12 Federal Drive, Suite 322, Pittsburgh, PA 15235. Abstract forms can be obtained by writing to Alma Johnson or by calling Dennis C. Johnson, Iowa State University, (515) 294-7530. See you in Atlantic City.

DON SAWYER GOES 'AGGIE'

After 29 years at the University of California, Riverside, Professor Sawyer has decided to make a change in environment and professional challenges. As of July 1, he became Head of the Department of Chemistry at Texas A & M University College Station, Texas, (77843-3255). Best of luck to you Don!



IES SYMPOSIUM - 1986

PRELIMINARY ANNOUNCEMENT

The 1986 International Electroanalytical Symposium will be held May 28-30 in Cherry Hill, New Jersey. The site of the meeting will be the Hyatt Cherry Hill.

As in previous years, the focus of the meeting will be the application of electroanalytical techniques to problem-solving in biomedical and environmental chemistry, pharmaceutical technology, and industrial processes. Because the location of the meeting is close to a number of major chemical and pharmaceutical R‖D laboratories, strong industrial participation is anticipated.

In addition to the special sessions to be announced, there will be general sessions, poster sessions, and an introductory workshop on electroanalytical principles and techniques. A wine and cheese reception will be held Thursday evening. The program will be structured to allow time for informal discussions.

SYMPOSIUM DEADLINE

Final Titles Due:	February 28, 1986
Final Abstracts Due:	April 1, 1986
Registration Due:	May 14, 1986
Room Reservations Due:	May 2, 1986

Due to limitations in space, attendance at the International Electroanalytical Symposium is restricted to the first 250 registrants.

LOCATION AND TRANSPORTATION

Hyatt Cherry Hill
2349 West Marlton Pike
Cherry Hill, New Jersey 08002
(609)662-1234 TELEX 831409

The Hyatt Cherry Hill is a beautiful fourteen story high-rise hotel located on the scenic Cooper River overlooking the Philadelphia skyline. It is only ten minutes from all the historical sites in Philadelphia and twenty minutes from the Philadelphia International Airport. It is also only one hour from Atlantic City, and easily accessible from the New Jersey Turnpike and Interstate 295.

Transportation is readily available. The Rapid Rover Limousine Service, located near the baggage claim area at the airport, leaves approximately every fifteen minutes from the airport to the hotel. Rapid Rover's cost is $7.00.

ACCOMMODATIONS

A block of rooms has been reserved for the meeting at a special group rate. The Symposium Committee will forward room reservation requests to the hotel. Confirmation of reservation arrangements will come directly from the Hyatt Cherry Hill.

Check-in time is 3:00 p.m. on the day of arrival, and check-out time is 12:00 noon on the day of departure. THOSE PLANNING AN ARRIVAL LATER THAN 6:00 P.M. MUST NOTIFY THE HYATT CHERRY HILL NO LATER THAN May 6, 1986.

SPECIAL RATES

Single $65.00 Double $72.00

SHORT COURSE

A short course on basic electroanalytical chemistry will be offered to a maximum of 75 participants on Wednesday, May 28 from 10:00 a.m. to 5:00 p.m. The outline of the course follows the book, Laboratory Techniques in Electroanalytical Chemistry, edited by Kissinger and Heineman. Professors Heineman and Kissinger will teach the course and will be available for consultation throughout the symposium. The book is included with the $85 fee for the course.

SYMPOSIUM REGISTRATION FEE

A registration fee of $75 will be required of all participants. Payment of this fee will cover registration, the abstract book, the luncheon, and additional materials. A special rate of $35 is available for students, who will not be eligible to participate in the luncheon.

CORRESPONDENCE

Inquiries, titles, abstracts, and information requests should be directed to:

THE 1986 INTERNATIONAL ELECTROANALYTICAL SYMPOSIUM
P. O. BOX 2206
WEST LAFAYETTE, IN 47906 USA
ATTN: Josie Bewsey

Telephone: (317)463-4527
Telex: 276141
Esaylink Mailbox: 62574820
Compuserve ID: 74146,1033

KUWANA GOES WEST!

SEACer Ted Kuwana, has accepted a position at the University of Kansas, as Reagents Professor of Pharmaceutical Chemistry and Director of the Center for Bioanalytical Research. Ted graduated from Antioch College in 1954, received his M.S. from Cornell in 1956, and his doctorate from K. U. in 1960, working with Ralph Adams. After a year's postdoctoral work with Fred Anson ('86 Reilley Awardee), he accepted an appointment at the University of California at Riverside as Assistant Professor. He then moved to Case Western Reserve in 1968, and then on to Ohio State, where he has been since 1971. This spring he received the Distinguished Scholar Award at Ohio State.

Ted has been in the forefront of modern electrochemistry, and and has been especially interested in the nature of electrode surfaces and the effect of modification of electrode surfaces on various electrochemical processes. In his new position, he intends to apply various electrochemical techniques to the analysis of trace biologically-active molecules.

Good luck to Ted and the family in the land of Jay Hawks!

CONTRIBUTIONS SOLICITED

Please send symposium notices, position notices, gossip, opinions, etc., to:

William Geiger, Editor
SEAC Newsletter
Dept. of Chemisttry
University of Vermont
Burlington, VT 05405

THANKS A LOT!!

Many thanks go to Professor Ralph Adams (University of Kansas, Lawrence), and Dr. Robert Bess (Arabian- American Oil Company, Dhahran, Saudi Arabia) for their recent, generous contributions to SEAC. The coffers are not exactly bulging, but they certainly benefited from the extra cash!

SEAC is pleased to add the following new members to our organization:

REGULAR MEMBERSHIP:

Ghazi Al-Hachim	King Abdulaziz Univ.‖Saudi Arabia
Farouk Ali	King Abdulaziz Univ.‖Saudi Arabia
Michael Ball	Genetics International‖U.K.
M. Saeed Dar	East Carolina University
Richard Durand	University of Rhode Island
Mary Ann Elchisak	Purdue University
Jay Ford	Abbott Laboratories
Mark Gelbert	Procter and Gamble, Inc.
Philip Gibbs	Genetics International‖U.K.
Monika Green	Genetics International‖U.K.
Howard Guthermann	Analytix, Inc.
Wedad Hessein	Jackson State University
Bart Jones	Ohio State University
Paul Kohl	AT & T Laboratories
Peter Lay	Univ. of Sydney‖Australia
Russell Long	Virginia Commonwealth Univ.
Marcin Majda	Univ. California‖Berkeley
Jerome McAleer	Genetics International‖U.K.
Mark Meyerhoff	University of Michigan
Lane Moore	Borg-Warner Chemicals
Sjef Otten	Cordis Corporation
Donna Radzik	American Cyanamid
Norman Reynolds	Univ. of Wisconsin‖Medicine
Juerg Reust	Sandoz Ltd., Switzerland
David Scott	Genetics International‖U.K.
Michael Sharp	Univ. of Umea‖Sweden
Katsuaki Shimazu	Ohio State University
Jitendra Srivastava	University of North Carolina
Jerzy Strojek	Silisian Tech. Univ.‖Poland
Daniel Thevenot	Univ. Paris-Val de Marne‖France

WHERE IS YU-MIN TSOU?

Help! We've lost track of a SEAC member (formerly of the California Institute of Technology, Pasadena) who left no forwarding address. If you know this person's current address, tell SEAC! We just hate to lose people!

STUDENT MEMBERSHIP:

Jesus Arocho	Seton Hall University
Diane Bushee	Northeastern University
Dan Fagan	Ohio State University
Laine Groh	Ohio State University
Yupeng Gui	Ohio State University
Glen Hance	Ohio State University
Ing-Feng Hu	Ohio State University
Chwu-Ching Jan	Ohio State University
Kirk Johnson	University of South Dakota
Thomas Kaaret	Univ. Wisconsin‖Madison
William LaCourse	Northeastern University
P. Maroney-Benassi	Northwestern University
Susan Morris	University of Illinois
James Osborn	Rutgers University
Richard Packard	Ohio State University
Steven Petersen	North Dakota State University
Melanie Poon	Ohio State University
Dean Van Galen	Kansas State University
Hal Van Ryswyk	Univ. Wisconsin‖Madison
Sheila Schuette	Ohio State University
C. Mark Seymour	Univ. of Texas‖Austin
Michael Weber	University of South Dakota

New members should send their application and dues to the attention of the membership chairman at the following address:

SEAC
c‖o Professor William Heineman
Department of Chemistry
University of Cincinnati
Cincinnati, OH 45221

SEAC ONLINE

SEAC members who own a personal computer or use one in their research should be aware of the availability of direct contact with SEAC using modern telecommunications. The use of a simple modem and communications software can expand the utility of a PC greatly.

One of the more practical applications is electronic 'mailbox' service. This type of service provides 24-hour access to the person, or group, of interest. You can send a message at a time that is convenient to you, and specify exactly what you need to know without struggling through telephone operators and intermediaries. The message you send is written, so there is no danger of misinterpretation by a third party.

SEAC is now online and available through two electronic mail services: Western Union Easylink and Compuserve. Western Union charges nothing for initial sign-up to the service and charges a very nominal fee for usage thereafter. In fact, it is far less expensive to communicate by EASYLINK electronic mail than by telephone, or even U.S. Mail! To access SEAC by EASYLINK, send a message to mailbox number 62574820.

Compuserve is a popular consumer-oriented database. SEAC can also be accessed via the GO EASY service. Leave a message for user number 74146,1033.

If you have traditional telex‖TWX communications, SEAC receives messages at TWX number 910-997-1187.

These numbers are monitored 7 days per week. Send us your messages about changes of address, items for the newsletter, announcements for new meetings, post-doctoral positions, etc. We will look forward to hearing from you!

Attn: Bioelectroanalytical Chemists -
A NEW JOURNAL!

Biosensors is a new international journal (Elsevier) presenting both review and original articles on research, technology and application of biosensors. This multidisciplinary journal is interested in publishing articles on fundamental and applied aspects of biochemistry and electrochemistry. A subscription price of about $80 is anticipated, and specimen copies are available from:

Journal Information Center
Elsevier Science Publishing Co., Inc.
52 Vanderbilt Avenue
New York, NY 10017

MEMBERSHIP IN SEAC

Any individual with an interest in electroanalytical chemistry is invited to join SEAC. Dues are $10 for 2 years. Students are welcome, with dues of $5 for 2 years. For an application, contact: Professor William R. Heineman
University of Cincinnati
Department of Chemistry
Cincinnati, OH 45221

Bulletin Board

TWO POSTDOCTORAL POSITIONS

The University of Pittsburgh announces the opening of two postdoctoral positions. The opening dates for these position are:

Position 1 July 1, 1985
Position 2 October 1, 1985

Description of Research:

Position 1 Photoelectrochemistry Applied to Bioanalytical Chemistry

Position 2 Transduction of Biological Binding Events

Preferred Background: (both positions)

Photoelectrochemistry, or Modified Electrodes, or Biochemistry

Contact:

Professor S. G. Weber
Department of Chemistry
University of Pittsburgh
Pittsburgh, PA 15260

Telephone: (412)624-5096

CHEMISTRY DATABASE

Mallinckrodt Chemicals has announced a free online database for users of personal computers. LABLINK, provides data on chemical and physical properties, storage, hazards, clean-up, and first-aid. Data is easily accessed via an opening menu. Chemicals can be specified by chemical name, CAS number, or Mallinckrodt catalog number.

To access LABLINK dial 1-800-522-5465 (1-800-LAB-LINK). Use 1200‖300 bps, even parity, 7 data + 1 stop bit. Type in LABLINK at the tone connect, then at the "please log on" prompt, type QUALITY to access the system. There can be a delay of several minutes before the opening menu appears.

ELECTION RESULTS

The SEAC Board of Directors elected officers and appointed standing committees at its annual meeting in February. The following people will hold office through the 1986 Pittsburgh Conference.

Officers

President: Joe Maloy
President-elect: Janet Osteryoung
Secretary: Mark Wightman
Treasurer: Larry Faulkner

Standing Committees

Activities: Dennis Johnson, Co-Chairman
Steve Weber, Co-Chairman
Stanley Bruckenstein
Mark Wightman

Awards: Dennis Evans, Chairman
Members Anonymous

Finance: Royce Murray, Chairman
Larry Faulkner
Pete Kissinger
Ted Kuwana

Membership: Bill Heineman, Chairman
Richard Buck
Pete Kissinger
Joe Maloy
Robert Osteryoung

Nominating: Janet Osteryoung, Chairman
Henry Blount
Larry Faulkner
Joe Maloy

SEAC members are encouraged to participate in committee activities. Appointments to any of the standing committees (except Awards) may be arranged by contacting the appropriate committee chairman or Joe Maloy, SEAC President.

The address and phone number of each of the SEAC directors are listed below for your convenience.

Directory of SEAC Directors

Terms Expiring in 1986

Stanley Bruckenstein (716)831-3011
SUNY - Buffalo
Buffalo, NY 14214

Royce W. Murray (919)962-2172
University of North Carolina (919)962-6295
Chapel Hill, NC 27514

Robert A. Osteryoung (716)831-3820
SUNY - Buffalo
Buffalo, NY 14214

Terms Expiring in 1987

Dennis H. Evans (608)263-2594
University of Wisconsin (608)263-7221
Madison, WI 53706 (608)273-4149

Theodore Kuwana (913)864-5140
University of Kansas (614)422-0733
Lawrence, KS 66045

Janet G. Osteryoung (716)831-2513
SUNY - Buffalo
Buffalo, NY 14214

Terms Expiring in 1988

Dennis C. Johnson (515)294-7530
Iowa State University
Ames, IA 50011

Peter T. Kissinger (317)463-4527
BAS, Inc.
West Lafayette, IN 47906

Joseph T. Maloy (201)761-9031
Seton Hall University (201)582-3474
South Orange, NJ 07079 (201)325-8677

Terms Expiring 1989

Larry R. Faulkner (217)333-8306
University of Illinois (217)333-0711
Urbana, IL 61801 (217)367-6011

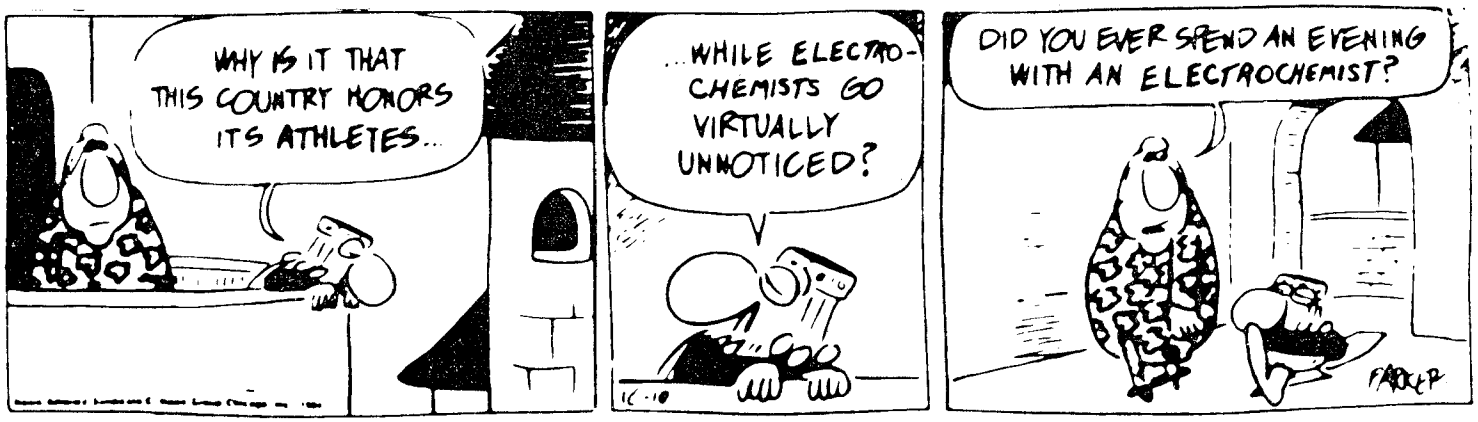
William R. Heineman (513)475-5325
University of Cincinnati (513)475-6239
Cincinnati, OH 45221

Stephen G. Weber (412)624-5096
University of Pittsburgh (412)624-5095
Pittsburgh, PH 15260 (412)247-1366

Terms Expiring in 1990

Henry N. Blount, III (202)357-7960
National Science Foundation
Washington, DC 20550

Richard P. Buck (919)962-2303
University of North Carolina (919)962-6310
Chapel Hill, NC 27514

R. Mark Wightman (812)335-5093
Indiana University (812)339-6317
Bloomington, IN 47405

SEAC is your organization. Pick up the phone and let one of these directors know what is on your mind.