

SEAC *communications*

Volume 17, Number 1, January 2001

Editor

Debra R. Rolison

Surface Chemistry, Code 6170
Naval Research Laboratory
Washington, D.C. 20375-5342
rolison@nrl.navy.mil

Regional Editors

Alan Bond

Monash University
Clayton, Victoria
3168 Australia
a.bond@sci.monash.edu.au

Karl Cammann

Westfälische Wilhelms Universität
D-4400 Münster, Germany
cammann@uni-muenster.de

Yoshio Umezawa

University of Tokyo
Tokyo (Hongo) 113 Japan
omezawa@chem.s.u-tokyo.ac.jp

SEAC Web Editor

Samuel Kounaves

Department of Chemistry
Tufts University
Medford, MA 02155
skounave@tufts.edu



The Society for Electroanalytical Chemistry - 111 Loren Place, West Lafayette, IN 47906

Available on the WWW at <http://seac.tufts.edu>

President's Message

New millennium fancies

Remember that Carly Simon song, "Par-tis-i-pa-a-shun"? That could be SEAC's theme song. This healthy organization has benefited from enthusiastic and thoughtful participation from all or virtually all of the folks in this country who make their living doing "E-lec-tro-che-e-mistry". That is a great sign of a healthy community. I will take this opportunity to tell you why you need to become a member if you are not one, and why you need to recruit a member or two if you are one.

There is a cycle at work here. We need your membership fee in order to sustain our position at Pittcon as one of the featured symposia. You are probably aware that Pittcon foots the bill for most symposia—airfare, hotel, meals. Pittcon is uniquely generous in this regard. (Of course, the exhibiting companies eventually provide the income, so thank the ones you know when you think of it). However, for the Reilley Award Symposium this is not the case. As for a couple of other outside organizations that host award symposia at Pittcon, Pittcon provides a stipend that covers some fraction of the cost of the affair. We provide the rest. SEAC also provides support for the Reilley Award reception.

We also need your contributions to the Reilley Award Endowment Fund. Currently, BAS, Inc., supports the award. There is little business reason for BAS to continue this. To assume that we will have that support forever is naïve. The fund must be built to the point where we can sponsor the prizes for the awardees from the interest that we earn on the account.

So, that is part one of the cycle. Part two is the gathering of the electroanalytical community at Pittcon each year. Along with the Gordon Conference, Pittcon has become a meeting where we expect to see each other. More than that, though, is that students meet each other, and remember each other. This is really unique, and of core importance to the organization. I am consistently delighted to overhear students discussing research of individual graduate students in other research groups. I can see my students becoming members of my community independently of me. Wonderful. But guess what? We couldn't gather and meet if we did not have a slot at Pittcon, and we cannot have a slot at Pittcon if we cannot support ourselves.

Part three is the Reilley Award itself, the award address and the supporting talks at the symposium, including the Young Investigator Award. Here we have a chance to reflect on the

evolution of Faraday's, Nernst's, Vetter's, Levich's ideas. The reasons why we became electroanalytical chemists become clear. The symposium defines us. SEAC members gain strength of intellectual purpose from this public celebration of our science.

So, there you have it. No coffee mugs, pens, refrigerator magnets. If you want those, send sixty bucks to your local NPR station. If you want SEAC/Reilley Award/Pittcon phenomena to continue, participate. Become a member. See you there.

P.S.: Yes, I do anticipate an email or two from Carly Simon fans.

Steve Weber

Editorial

'tis that time of year... yes, the pre-Pittcon issue of *SEAC Communications*. We are all poised to celebrate SEAC, electroanalytical chemistry, and the 2001 SEAC Award winners, **Dick Buck** and **Eric Bakker** in New Orleans, 4-9 March 2001. We are just awaiting your arrival! Details can be found forthwith on the wheres/whens of the SEAC-influenced Pittcon®2001 symposia.

We also formally unveil a brand new SEAC member service, as set up by our very own Webmeister, **Sam Kounaves**. In the last issue, I raised a question to the membership with respect to expanding the e-notices that list openings for variously flavored electro-bio-analytical postdoctoral positions to include job opportunities that arise in industrial, small business, and dot-com concerns.

The ensuing massive silence on this issue was naturally taken as a vote for direct action. So, in consultation with Ex-El-Prez **Mark Wightman**, El Prez **Steve Weber**, El-Prez-Elect **Mark Meyerhoff**, and Your Editor, Sam has created a new go-to section on the SEAC website under "Member Services" entitled EMPLOYMENT OPPORTUNITIES. Use it!!

<http://seac.tufts.edu/services.html>

Be sure to relay your comments (and direct your ads) to Sam at skounave@tufts.edu

I hope to see many of you in New Orleans in March—please find me during the week, especially at the SEAC Reception on Monday in honor of Dick and Eric, and tender your opinions on the newsletter and what new features you might like to see in the future.

May your beignets again be piping hot!

Debra Rolison

Plan your attendance accordingly! Part One.
Pittsburgh Conference—4-9 March 2001, New Orleans, LA

Congratulations to the 2001 SEAC Award Winners!

The Charles N. Reilley Award for 2001 will be presented to Professor Emeritus **Richard P. Buck** of the Department of Chemistry at the University of North Carolina—Chapel Hill and the 2001 Young Investigator Award will be presented to Professor **Eric Bakker** of the Department of Chemistry at Auburn University. Please refer to *SEAC Communications*, **2000**, 16(2) for their research biographies. The Reilley Symposium in their honor has been arranged by Professor **Mark Meyerhoff** of the University of Michigan and will be held on Wednesday morning, 7 March 2001, Rooms 255-257 of the Morial Convention Center.

Immediately following the Reilley Award symposium, the annual meeting of the SEAC membership will be held in the same room. Please plan to stay for this brief business meeting that is required of all tax-exempt organizations. Prospective members and guests are welcome to attend the business meeting.

The Reception for Reilley Awardee Dick Buck and Young Investigator Eric Bakker will be held on Monday, 5 March from 5:00 to 7:00 p.m. in the Rex Room of the Wyndham Riverfront Hotel. The reception is open to all. Reservations are not necessary. Hors d'oeuvres will be provided with a cash bar.

The Reilley Award dinner in honor of Professors Buck and Bakker will also be held Monday evening, 5 March 2001, from 7:00 p.m.–9:30 p.m., immediately following the SEAC Reception.

THE DINNER IS OPEN TO MEMBERS AND GUESTS, BUT ADVANCED RESERVATIONS ARE REQUIRED.

For reservations, please contact SEAC Activities Chair, **Craig Bruntlett** of Bioanalytical Systems, Inc. by telephone: 765-497-5806; FAX: 765-497-1102; or electronic mail [craig@bioanalytical.com].

Craig is negotiating for dinner at a local restaurant. The specifics (what restaurant/where it is in New Orleans) will be sent out to the SEAC membership by electronic notification in February. The projected cost will be \$50 and payment will be due to Craig by check or cash.

—Reminders to SEAC Members—

—from Sue Lunte—

Pittcon® 2001: As is our recent custom, we will not have a booth at the Pittsburgh Conference. The dissemination of SEAC information will take place in the vicinity of the meeting rooms where the electroanalytical papers will be presented. Please look for our brochures and assist in their distribution. Your help will be greatly appreciated, particularly at the Reilley Award Symposium on Wednesday.

[slunte@ukans.edu]

**—and now a message from Harry Mark,
Chair of the Nominations Committee—**

(yes, there is a committee, not just Harry!)

As stated in the Society's Bylaws, suggestions for candidates can be made by SEAC members to the Nominations Committee at any time during the year—we welcome your input. The names of potential candidates can be forwarded to: markhb@email.uc.edu. The preparation of the next ballot will begin in early Autumn 2001.

AWARD SYMPOSIUM—CHARLES N. REILLEY AND THE YOUNG INVESTIGATOR AWARDS

Wednesday Morning, 7 March 2001, Rooms 255-257, Morial Convention Center, New Orleans, LA
Mark Meyerhoff (*University of Michigan*), Organizer, presiding

8:30 INTRODUCTORY REMARKS—**Mark E. Meyerhoff** [*University of Michigan*]

8:35 Presentation of the 2001 Charles N. Reilley Award to

Richard P. Buck

University of North Carolina

by

Mark E. Meyerhoff



8:40 (653) **AWARD ADDRESS.** MICROFABRICATED ELECTROCHEMICAL SENSORS: BIOLOGICAL AND MEDICAL APPLICATIONS—**Richard P. Buck** [*University of North Carolina*], Stefan Ufer, Vasile V. Cosofret, Clarke X. Xu, Milos Erdosy, Michael Neumann, Erno Linder, Geza Nagy, Sayed Aly Marzouk, Timothy A. Johnson, Hua Yang, Wayne E. Cascio, Livia Nagy

9:15 (654) EMERSION AS A TOOL FOR ELECTROCHEMICAL INTERFACE INVESTIGATION—**Jeanne E. Pemberton** [*University of Arizona*]

9:50 (655) MOBILIZING IONS FOR ANALYSIS WITH MICROFABRICATED SYSTEMS—**D. Jed Harrison** [*University of Alberta*]

10:25 RECESS

10:40 Presentation of the 2001 Young Investigator Award to

Eric Bakker

Auburn University

by

Mark E. Meyerhoff



10:45 (656) **AWARD ADDRESS:** PUSHING THE LIMITS OF IONOPHORE-BASED POLYMERIC SENSORS—**Eric Bakker** [*Auburn University*], Ioannis Tsagkatakis, Shane M. Peper, Sally Michelle Mathison, Smita M. Jadhav, Yu Qin, Yanming Mi, Erno Pretsch

11:20 (657) ELECTROCHEMICAL DETECTION OF PEPTIDES—**Stephen G. Weber** [*University of Pittsburgh*], Eskil Jo Sahlin, Steven J. Woltman, Amy Beisler, Rong Meng

Other Pittcon®2001 Symposia of Interest

[*i.e.*, symposia with SEAC fingerprints all over them]

Monday morning, 5 March 2001

—ANALYTICAL INSTRUMENTATION FOR THE NEW MILLENNIUM (AINM): ENVIRONMENTAL SCIENCE AND MATERIALS RESEARCH—arranged by Henry N. Blount (Presiding) and Gerald B. Selzer [*National Science Foundation*], Rooms 252-254

—FRONTIERS OF SCANNING ELECTROCHEMICAL MICROSCOPY—arranged by Allen J. Bard [*University Of Texas at Austin*], Presiding, and Cynthia G. Zoski [*Georgia State University*], Rooms 280-282

—BIOANALYTICAL: MICRO-SENSORS I—Neil J. Szuminsky [*University of Pittsburgh*], Presiding, Rooms 272-273
—ELECTROPHORESIS IN MICROFABRICATED CHANNELS—Mark Hayes [*Arizona State University*], Presiding, Rooms 240-241
—Materials Characterization I: Probing Materials at Microscopic Scale—Monteith G. Heaton [*Digital Instruments*], Presiding, Room 271
—POSTERS: BIOELECTROCHEMISTRY; GENERAL ELECTROCHEMISTRY (Authors Present Monday Morning; 9:00-11:00)

Monday afternoon, 5 March 2001

—James L. Waters Symposium—RECOGNIZING PIONEERS IN THE DEVELOPMENT OF SCIENTIFIC INSTRUMENTATION: ION CHROMATOGRAPHY—arranged by Adrian C. Michael [*University of Pittsburgh*], Rooms 252-254
—NANOTECHNOLOGY APPLIED TO ELECTROCHEMISTRY—arranged by Robert A. Osteryoung [*North Carolina State University*], Presiding, Rooms 275-277
—Workshop: INTRODUCTION TO SCANNING ELECTROCHEMICAL MICROSCOPY AND ITS APPLICATIONS—arranged by Peixin He [*CH Instruments, Inc.*], Presiding, Rooms 278-279

Tuesday morning, 6 March 2001

—Pittsburgh Analytical Chemistry Award Symposium—IN HONOR OF ALLEN J. BARD, UNIVERSITY OF TEXAS AT AUSTIN—arranged by Kevin J. McKaveney [*Waters Corporation*], Presiding, Rooms 275-277
—LAB-ON-A-CHIP TECHNOLOGIES: THE NEW FRONTIER OF CHEMICAL MEASUREMENTS—arranged by J. Michael Ramsey [*Oak Ridge National Laboratory*], Presiding, Rooms 280-282
—LEADING EDGE BIOANALYSIS BY YOUNG INVESTIGATORS—arranged by Joanne A. Smith [*PPG Industries*], Presiding, Rooms 267-268
—BIOANALYTICAL: MICRO-SENSORS II—Zeev Rosenzweig [*University of New Orleans*], Presiding, Rooms 272-273
—SELF-ASSEMBLED MONOLAYERS: PREPARATION, PROPERTIES AND CHARACTERIZATION—William R. Morgan [*Geneva College*], Presiding, Room 262
—SENSORS I—Frank V. Bright [*State University of New York at Buffalo*], Presiding, Rooms 235-236

Tuesday afternoon, 6 March 2001

—ELECTROANALYTICAL APPROACHES FOR PROBING THE DYNAMICS AND MECHANISMS OF EXOCYTOSIS—arranged by Adrian C. Michael [*University of Pittsburgh*], Andrew G. Ewing [*Pennsylvania State University*], Presiding, Rooms 272-273
—SCIENTIFIC DATABASES: THE FINAL FRONTIER—arranged by Joan Fuller [*National Institute of Standards and Technology*], Presiding, Rooms 278-279
—BIOANALYTICAL: CAPILLARY ELECTROPHORESIS II—James Chadwick [*Bechtel Bettis, Inc.*], Presiding, Rooms 265-266
—SENSORS II—Melinda R. Stephens [*Geneva College*], Presiding, Rooms 235-236

Wednesday morning, 7 March 2001

—CHARLES N. REILLEY AND YOUNG INVESTIGATOR AWARDS SYMPOSIUM—arranged by Mark E. Meyerhoff [*University of Michigan*], Presiding, Rooms 255-257 {Be there!}
—BIOTERRORISM: THE THREAT AND ANALYTICAL CHALLENGES—arranged by Richard A. Durst [*Cornell University*], Presiding, Rooms 252-254
—MATERIALS CHARACTERIZATION III: ANALYSIS OF COMPOSITIONAL GRADIENTS—Stephen E. Creager [*Clemson University*], Presiding, Room 242

Wednesday afternoon, 7 March 2001

- CATCHING CROOKS WITH CHEMISTRY—arranged by William MacCrehan [*National Institute of Standards and Technology*], Presiding, and Jose R. Almirall [*Florida International University*], La Nouvelle Orleans
- DETECTION OF FOODBORNE PATHOGENS USING BIOSENSORS—arranged by Antje J. Baeumner [*Cornell University*], Rooms 252-254
- INSTRUMENTATION: THE ENABLING SCIENCE—arranged by Gary M. Hieftje [*Indiana University*], Presiding, Rooms 280-282
- BIOANALYSIS IN CELLS AND TISSUES—X. Nancy Xu [*Old Dominion University*], Presiding, Rooms 278-279
- BIOANALYTICAL: ELECTROCHEMISTRY—Ingrid Fritsch [*University of Arkansas*], Rooms 272-273
- IONOPHORE-BASED CHEMICAL SENSORS I—Eric Bakker [*Auburn University*], Presiding, Room 260
- USE OF THE ELECTRONIC NOSE AND CHEMOMETRICS IN FOOD ANALYSIS—Fu-Mei C. Lin [*University of Pittsburgh*], Presiding, Rooms 240-241

Thursday morning, 8 March 2001

- TRENDS AND CHALLENGES IN THE ANALYSIS OF ENDOCRINE DISRUPTING CHEMICALS—Omowunmi A. Sadik [*State University of New York at Binghamton*], Presiding, and Timothy Zacharewski [*Michigan State University*], Room 275-277
- BIOANALYTICAL: MICRO-DETECTION TECHNIQUES—Ingrid Fritsch [*University of Arkansas*], Presiding, Rooms 272-273
- IONOPHORE-BASED CHEMICAL SENSORS I—Philippe Buhlmann [*University Of Minnesota*], Presiding, Room 245
- MATERIALS CHARACTERIZATION IV: PARTICLE SIZE, SURFACE AND PORE STRUCTURE—Steven B. Dorn [*General Electric Company*], Presiding, Room 243

Thursday afternoon, 8 March 2001

- SURFACE CHARACTERIZATION OF MATERIALS—arranged by Paul W. Jagodzinski [*West Virginia University*], Presiding, Rooms 243
- ELECTROCHEMISTRY I—Richard L. McCreery [*Ohio State University*], Presiding, Room 245

Friday morning, 9 March 2001

- ELECTROCHEMISTRY II—arranged by John W. Strand [*Los Angeles County*], Presiding, Room 261
- Check it out!**—<http://www.pittcon.org>

Plan your attendance accordingly! Part Deux.

2nd International Workshop on Scanning Electrochemical Microscopy

The purpose of this meeting, which will be held at the Novotel Southampton from mid-afternoon on Friday, 29 June to lunchtime on Monday, 2 July 2001, is to consider recent developments in the many and diverse facets of scanning electrochemical microscopy. Topics to be discussed will range from theoretical aspects to applications and typically cover homogeneous and heterogeneous kinetics, membranes and films, biological systems and analytical biotechnology, liquid-liquid junctions, surface modifications, instrumentation and integration with other SPM techniques, etc....

Oral and poster contributions are invited. Authors should email **Guy Denuault** [gd@soton.ac.uk]:

- title of the contribution
- the list of co-authors and their affiliations
- a very short abstract that enables the organizers to arrange the talks within sessions.

Details about the workshop can be found at:

http://www.soton.ac.uk/~elecchem/SECM/SECM_workshop.html

—Kudos to Former SEAC EI Prez and Reilley Awardee, Allen J. Bard—

2001 PITTSBURGH ANALYTICAL CHEMISTRY AWARD WINNER

SEAC members continue their highly successful run at the Pittsburgh Analytical Chemistry Award, with the 2001 honors going to SEAC's Inaugural Charles N. Reilley Awardee: **Allen J. Bard**, the Norman Hackerman-Welch Regents' Professor of Chemistry at the University of Texas at Austin. The Pittcon®2001 Award Symposium in Al's honor will be held Tuesday morning; the program follows below.

AWARD SYMPOSIUM—PITTSBURGH ANALYTICAL CHEMISTRY AWARD

Tuesday Morning, 6 March 2001, Rooms 275-277, Morial Convention Center, New Orleans, LA
—Arranged by Kevin J. McKaveney [*Waters Corporation*]; N. Curtis Radcliffe [*PPG Industries*], Presiding

8:30 INTRODUCTORY REMARKS—Kevin J. McKaveney, Chairman, Society for Analytical Chemists of Pittsburgh

8:35 Presentation of the 2001 Pittsburgh Analytical Chemistry Award to

Allen J. Bard

University of Texas at Austin

by

Kevin J. McKaveney



8:40 (318) **AWARD ADDRESS. ELECTROCHEMISTRY IN SMALL PLACES**—**Allen J. Bard** [*University of Texas at Austin*]

9:15 (319) THIN LAYERS OF ORGANIC SOLVENTS ON ELECTRODE SURFACES APPLIED TO THE STUDY OF CHARGE-TRANSFER ACROSS LIQUID/LIQUID INTERFACES—**Fred C. Anson** [*Caltech*]

9:50 (320) NEW ELECTROACTIVE AND ELECTRONICALLY CONDUCTIVE SEMI-SOLIDS: DNA MOLTEN SALTS AND NANOPARTICLE PHASES—**Royce W. Murray** [*University of North Carolina*]

10:25 RECESS

10:40 (321) ELECTRON TRANSFER AND TRANSPORT IN ORDERED ENZYME LAYERS: INTEGRATED SYSTEMS—**Jean-Michel Savéant** [*Université Denis Diderot*]

11:15 (322) ANALYTICAL CHEMISTRY: JUST LOOK AT YOU NOW—**Larry R. Faulkner** [*University of Texas at Austin*]

—see *SEAC Communications*, **1999**, 15(1) for a biography of Professor Bard (sorry, all... Al's Reilley musings are still pending...)—

—Going Once... **1 March 2001**—

Submission of Award Nominations

SEAC established and administers the Charles N. Reilley Memorial Award and the SEAC Young Investigator Award. Sponsored by Bioanalytical Systems, Inc., the Reilley Award recognizes an active researcher who has made a major contribution to the theory, instrumentation, or applications of electroanalysis. The Young Investigator Award recognizes accomplishments by a researcher who is within the first seven years of their career. This award is sponsored by Ensmann Instrumentation. In conjunction with the presentation of these awards, SEAC arranges an Award Symposium and an informal reception in honor of the Awardees at the Pittsburgh Conference. In this way, SEAC serves as the focal point for analytical chemists who wish to exchange ideas about electroanalytical chemistry at the conference.

Charles N. Reilley Award

Nominations for the Reilley Award should include a letter of nomination describing the individual's significant contributions to electroanalytical chemistry, at least two seconding letters of support, and a curriculum vitae for the individual. All nomination materials will be retained by SEAC. Once nominated, any individual will be considered for three years, but submission of any additional supporting information or a renomination is welcome. **The decision for the 2002 Reilley Award will be based upon the material that is available to the Award Committee by 1 March 2001.**

Young Investigator Award

Nominees for the SEAC Young Investigator Award, sponsored by Cypress Systems, must be within seven years of obtaining their Ph.D. or other terminal degree at the time of nomination. Candidates may be nominated by any member of SEAC. Nominations should include a letter describing the individual's promise in the area of electroanalytical chemistry, at least one seconding letter of support, and curriculum vitae for the individual. All nomination materials will be retained by SEAC. Once nominated, any individual will be considered for this award for three years, but the submission of any additional supporting information or a renomination is welcome. **The decision for the 2002 Award will be based upon the material that is available to the Award Committee on the 1st of March 2001.**

Requests for further information or submissions of nominations should be directed to:

Professor Richard M. Crooks

SEAC Awards Committee
Department of Chemistry; P. O. Box 30012
Texas A&M University
College Station TX 77842-3012

Tel: 979-845-5629 Fax: 979-845-1399
Email: crooks@tamu.edu

!! Kudos Galore !!

1. Wendy Baker and Takayo Inoue!!! Winners of SEAC's Travel Grants for 2001

Texas A&M graduate student, **Wendy S. Baker**, will present "Electrochemical and Spectroscopic Characterization of Viologen-Functionalized PAMAM Dendrimers" at 9:10a, Friday, 9 March 2001 as part of the Pittcon®2001 Session on Electrochemistry II. Her co-authors are R. Peez and her advisor, R. M. Crooks.



~~~~~  
**Takayo Inoue**, of the University of Toledo, will present "Determination of Thiols by Capillary Electrophoresis with a Biocatalytic Electrochemical Detection System" at 9:30a on Tuesday, 6 March 2001 as part of the Session on Bioanalytical: Micro-Sensors II at Pittcon®2001. Her co-author is her advisor, Professor Jon R. Kirchhoff.



—Thumbs up may be conveyed to:

[baker@mail.chem.tamu.edu](mailto:baker@mail.chem.tamu.edu)

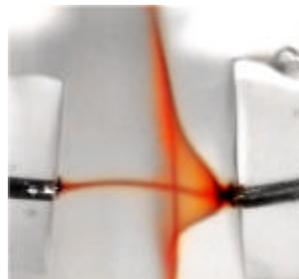
and

[tinoue@uoft02.utoledo.edu](mailto:tinoue@uoft02.utoledo.edu)

~~~~~

2. Kyle Grant!! Outstanding Student Presenter!!

Kyle Grant won the Outstanding Student Presenter Award at the American Indian Science and Engineering Society 2000 National Conference. This meeting, held in Portland OR from 9-12 November 2000, was attended by 3000 students. The award was based on Kyle's 30-min talk entitled:



"Magnetic Focusing of Molecules in Microscale Volumes." An example is shown at left for magnetically focused nitrobenzene radical anions generated at Pt microelectrodes.



Kyle (the WETS poker player on the right) is a graduate student at the University of Utah with Henry White (a.k.a. Horseshoe Henry).

—Congratulate Kyle at:

kgrant@chemistry.chem.utah.edu

~~~~~

### 3. Jeff Long!! Receives the Young Investigator Award at the 6<sup>th</sup> International Aerogel Symposium!!!

#### Electrochemistry Strikes Again!

Albuquerque NM. **Jeffrey Long**, staff research scientist at the U.S. Naval Research Laboratory, Washington, DC, pictured below at left, with an unnamed person at right, holding Dr Long's former postdoctoral adviser and current supervisor **Debra Rolison**, has done the electrochemistry community proud in front of an international and interdisciplinary crowd at the Sixth International Symposium on Aerogels (ISA6) held in Albuquerque from 8-11 October 2000.

Jeff was presented with the Young Investigator Award, which was established “to honor and encourage young scientists whose work in aerogel research displays excellence and distinction.”



Jeff first presented his paper, “Manganese Oxide Aerogels and Ambigels as Mesoporous, High Surface Area Hosts for Electrochemical Charge Storage.” To the huzzahs of a nearly uncontrollable crowd, Jeff was ultimately declared the recipient of the award. In a delirious haze, Jeff presented yet another paper at the conference called “Spectroelectrochemical Investigations of Cation-Insertion Reactions at Manganese Oxide Thin Films.” Jeff worked on this project with **Lala Qadir**, who is an undergraduate summer co-op for Debra Rolison, and who will someday be forgiven for attending Duke University. Dr Rolison, when asked for comment (with the command “speak”) scratched her ears twice and gave an enthusiastic “ARF!” in support of her young protégé.

—*Well done, Jeff (and Lala)!*

[jwlong@ccf.nrl.navy.mil](mailto:jwlong@ccf.nrl.navy.mil)

---

### Minutes

## Meeting of the Membership of the Society for Electroanalytical Chemistry Morial Convention Center; New Orleans, LA

14 March 2000

President **Stephen Weber** called the meeting to order at 5:00 P.M. Approximately 50 members and their guests were present.

The minutes of the 1999 Meeting of the Society were distributed by the Secretary and subsequently approved.

Certificates of Appreciation were awarded to retiring Directors, **Jim Anderson**, **Marcin Majda**, and **Bob Rodgers**. Certificates were also awarded to the Pittsburgh Conference President and to the Conference Program Chair.

The President welcomed the new members of the Board of Directors, **Harry Mark**, **Adrian Michael**, and **Andrew Gilicinski** with terms of office having begun on July 1, 1999. He then announced the results of the most recent election. Elected as Directors for five-year terms commencing on July 1, 2000 were **Lou Coury**, **Howard Dewald**, and **Greg Swain**.

The meeting ended with a call by the President for nominations for the Reilley Award, The Young Investigator Award, and Student Award.

The meeting was adjourned at 5:04 pm.

Respectfully submitted,

Andrew G. Ewing, Secretary

Email: [age@psu.edu](mailto:age@psu.edu)

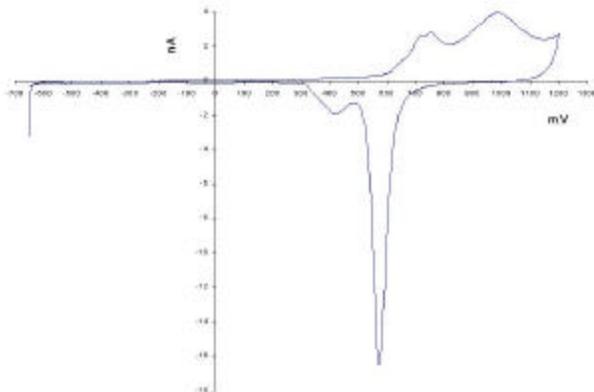
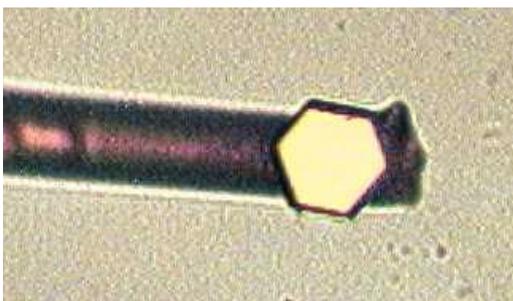
---

## —From the (E-)Mailbag—

In message Fri, 6 Oct 2000 07:39:13 -0700,  
**Ron Fawcett** writes:

Hi, Debra—We just had our first contribution on scume's (single crystal ultramicroelectrodes) accepted in *Angewandte Chemie*. I think these kinds of ultramicroelectrodes will be important in both fundamental electrochemistry and in the area of sensors. Here's a picture of a gold scume for the next issue of the SEAC newsletter, plus a voltammogram where we put one through its paces.

Ron  
[fawcett@indigo.ucdavis.edu](mailto:fawcett@indigo.ucdavis.edu)



In message Thu, 19 Oct 2000 09:19:00 -0700  
**Herbert Silverman** writes:

I very much appreciated Steve's editorial in the September issue of the SEAC Newsletter. I have participated in a number of university-industry collaborations and understand the

problem. So much of this country's position in the world has been the strength of the university system and the transfer of technology into the industrial world by means of graduates joining commercial organizations. But in the past people joined companies for careers and as a result there was a willingness of companies to spend time to train new employees. Also, the life times of products were longer so there was time to develop new technology based on new ideas being germinated in the universities. But everything is moving faster and we must find ways to speed the conversion of academic ideas into commercial products. There is a need for closer cooperation. While it is important that we keep separate the culture and purpose of the university and the purpose and culture of the industrial organization, it is important also that academia and industry understand the difference in cultures and goals. Understanding the differences will enhance the needed collaboration.

I very much like the distinction you drew between collaboration and control. By the way NSF should be complimented for the role they have played in furthering university and industry collaboration.

Keep up the good fight.

Herb  
[agman@home.com](mailto:agman@home.com)

---

## —Reminders to the Surfin' SEAC non-members—*Join us!*

SEAC's (still-almost-brand-new) Membership Chairman, **Rick Baldwin** [Department of Chemistry; 2320 South Brook Street, University of Louisville, Louisville KY 40292, USA. E-mail: [rick.baldwin@louisville.edu](mailto:rick.baldwin@louisville.edu) ] will now receive all NEW MEMBERSHIP APPLICATIONS and INITIAL DUES PAYMENTS. Remember: a membership form can be downloaded in either HTML or PDF format from the SEAC website [<http://seac.tufts.edu/membership.html>]. Any new members recruited by current members should send their completed applications directly to Rick.

---

**\*\*OUR CONTINUING AND HIGHLY POPULAR SEAC FEATURE\*\* — *Name That Electrochemical Nerd* † !!**



Pictured above is last issue's entrant in "*Name that Electrochemical Nerd.*" The mystery man is none other than **Mike Weaver**, Professor of Chemistry at Purdue University [and to read more about our latest EN, check out: <http://www.chem.purdue.edu/weaver/aboutMike.htm>].

And this time we not only have some elbowing with respect to the winner of the latest reprint from the latest EN, we have some serious dissing going on....

First in (Tue, 26 Sep 2000 22:13 -0400), still giddy from being the first to respond to (but losing) last issue's "Loser-Electrochemist" contest was **Dick Crooks** with: "**Andy Ewing?**"

[—Wrong!—again!! you just make these up as you go, don't you, Dick?—]

Winging in on Wed, 27 Sep 2000 05:01 -0700 with a more seasoned response was **Henry White**: "EN is **M. J. Weaver**...."

[—Right!—clearly it takes one to know one—]

And (just!) losing to the clock (and Horseshoe Henry), but winning major points for complimenting Your Editor:

In message Wed, 27 Sep 2000 08:24 -0400,  
**John Stickney** wrote:

Mike Weaver? by the way, I really enjoy the newsletter, keep it up.

In message Wed, 27 Sep 2000 11:23 -0400,  
Debra Rolison responds to Henry White:

Re: [Wed, 27 Sep 2000 05:01 -0700] EN is M. J. Weaver....

Absolutely! obviously so. (where on earth did Crooks come up with Andy Ewing?!!!).

Did you tell Mike? (Read the rules of the contest, Hank...)

In message Wed, 27 Sep 2000 09:35 -0700,  
Henry White writes:

Dear Zen-Challenged Editor: Rules, rules, rules.... I skip the president's message and go to the EN mug solely for spiritual enlightenment.

These SEAC competitions and wagering are beneath the dignity of THE original EN and any self-respecting Lo-EC Club member.

Anonymous  
(a.k.a.: THE original EN)

... refusing to admit defeat, Dick Crooks returned on Wed, 27 Sep 2000 09:27 -0500 with "Ah. That {MJW} was going to be my next guess."

In message Wed, 27 Sep 2000 14:48 -0400,  
Mike Weaver wrote:

Dear Debra—Bloody hell! Neither of these guys (Henry and John) contacted me at all! Maybe they think that I do not yet know about email—well, they are wrong! Although I still write manuscripts with my trusty #2 pencil (#2A during the winter—lower humidity), my left-hand index finger is now very adept at banging out electronic messages, so I am totally up to date here in Hoosierland. It's up to you—I guess we could wait until either of these characters sends me a message, or even wait until somebody else gets it right. Regardless, however, I am greatly impressed by the ability of Henry to get up even earlier than John, despite the time zone advantage—unless this was the night before in Utah?

At least nobody thought I was Ringo...

Cheers,

Mike

In message Wed, 27 Sep 2000 22:45:18 -0400,  
Debra Rolison replies to Mike Weaver:

Hi, Mike. I think the only fair thing to do is to take the prize for identifying you, the Loser-Electrochemist du jour (or rather du issue), which is supposed to be an autographed copy of one of the Lo-EC's latest reprints, and have you tear your reprint in half (preferably through your signature) and send one half to Henry and the other half to John.

your call! Best. Debra

In message Thu, 28 Sep 2000 15:58:41 -0500,  
**Mike Weaver** writes:

Dear Debra—I think that Henry and John sharing it would be just fine, as you suggested... I will send them their fractional prize... Cheers.

[—half a paper is better than none?—]

And putting it all in context on Thu, 28 Sep 2000 14:06 -0400, **Robert Osteryoung** wrote: “Mike, is that you in *SEAC Communications*? If so, I decline the Autographed (latest) Reprint but will accept an Autographed (early) Reprint of molten salt work; I'm probably the only person left who knows that you worked in that milieu—if it's you that is.”

—Pictured below is this issue's entrant (FINALLY!!) in “Name that Electrochemical Nerd.” Again, the first correct guess (**as determined by directly contacting the pictured-herein EN—this still ain't fine print, folks!**)—will win an autographed copy of the EN's latest reprint.



—...and please send in your candidates (and mystery photographs) for next issue's

**entrant in “Name That Electrochemical Nerd”!!—**

‡ **a.k.a. “Loser-Electrochemist!”**, see *SEAC Communications*, 1998, 14(1).

---

## SEAC on the Move!

—**Lou Coury** writes [Mon, 16 Oct 2000 13:22 -0500]: Debra—Please change my e-mail address in the SEAC database. I left BAS earlier this month and am now Head of Analytical Development at Eli Lilly Tippecanoe Labs. Thanks!

[coury\\_louis\\_a@lilly.com](mailto:coury_louis_a@lilly.com)

~~~~~  
—**Andy Gilicinski** writes [Thu, 14 Dec 2000 19:21:24 -0500]: Just wanted to let you know I changed jobs and am now in Corporate R&D at The Gillette Company (owners of Duracell—my return to hardcore electrochemistry!).

Andy's new contact information is:

The Gillette Company
37 A Street
Needham, MA 02492-9120
781-292-8511

andy_gilicinski@gillette.com

~~~~~  
—**Chun-hsien Chen** writes [Wed, 4 Oct 2000 13:12:48 +0800]: Dear Debra—Thank you for all the interesting and useful info that you have sent. I have moved to the Dept of Chemistry at the National Tsing Hua University in Hsinchu, Taiwan.

[chhchen@mx.nthu.edu.tw](mailto:chhchen@mx.nthu.edu.tw)

~~~~~  
—**Cindy Zoski** has moved from The University of Rhode Island to Georgia State University. Her new email address is

checgz@panther.gsu.edu

~~~~~  
—**Jean Marie Wallace** has moseyed north of the Mason-Dixon line (after her NCSU Ph.D. with Ed Bowden) to join Debra Rolison's Advanced Electrochemical Materials section at the Naval Research Laboratory in Washington, DC. Jean Marie can be reached at:

[jmwallac@ccf.nrl.navy.mil](mailto:jmwallac@ccf.nrl.navy.mil)

—**but those are just the facts... more to the point...**

Bright Lights, Small City to Bright Lights, Bigger City.

To whit: the story of Jean Marie Wallace's exodus from Raleigh to the world of politics and aerogels—done with tact and taste, per usual.

**Raleigh.** Raleigh indeed. October 2000, I think. What am I still doing here? Greenshields. I seem to remember something about that. And what of that ag major boy? What's-his-bucket? I'll be damned if I can remember his name. God, they grow them weird at this school. I think I can remember the saying, about the odds being good and the goods being odd. Why do they teach them to speak, anyway? At least the room has stopped doing its dance. A little ibuprofen and I should be fine. Maybe just a couple hours more...

... shit. Too late for lunch, too early for dinner. Not that any of those terms still have meaning. Shower. Much better. This pasta doesn't look too old. This can of Diet Coke is still half full. That should do. Off to Dabney.

**The Bowden Lab.** Damn these computer monitors are bright. Just turn the knob a little. Much better. Wow, this dissertation looks finished. What am I doing here still? Signatures, defense, blah blah blah. OK, check email. I'll be more emotionally fit to deal with everything in just a few... oh, fuck; now I remember. Debra Rolison. "WHERE THE HELL ARE YOU?" is NOT a very polite title for an email message, even if it does get to the point. Ok, ok. I'll get my committee together.

**Defense Day.** Made it through. Cartman comes to mind. "Screw you guys, I'm going home."

**Washington DC—December-ish.** Rolison knows how to run a lab. Stocked with attractive young men who know how to obey orders. And the pay is good. But there for the grace of God... Maybe Jeremy will fetch me some coffee.

~~~~~

—**Brad Bath** (former H. White grad student and M. Wightman postdoc) has taken a position at ALZA Corporation in sunny CA. He is designing new and/or improved on-demand transdermal (no needles!) drug-delivery systems.

Brad's new contact information is:

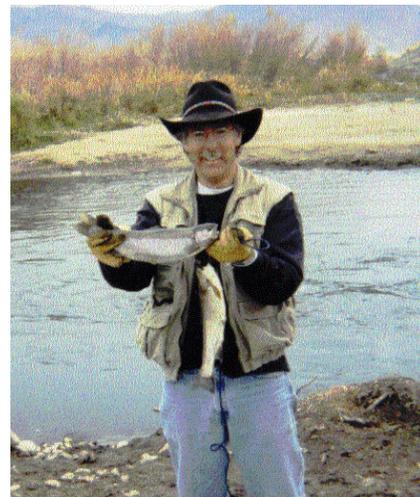
ALZA Corporation
1900 Charleston Road
Mountain View, CA 94039
phone: 650-564-5127

brad.bath@alza.com

In the "my fish is bigger than your fish" category,* Brad submits the following:



* See "...and send your haute couture ideas to Professor White" [SEAC Commun. 2000, 16(3)]....



... and the winner is... (vote early and often!
... but note that Henry has the bigger hat...)

First in [Wed, 27 Sep 2000 05:01:10 -0700] is **Henry White**: "... the guy with the hat and fish looks like Festus from the ol' Gunsmoke TV series."

In message Wed, 27 Sep 2000 11:23:08 -0400
To: Henry White, Debra Rolison responds:

"Festus never smiled that much. You look inordinately pleased with that fish..."

Special SEAC Exclusive! SEAC Around the World!!!

Millennial SEAC in London and Paris. *SEAC Communications'* Cub Reporter, **Jeremy Pietron** (jpietron@ccf.nrl.navy.mil) reports, in words and pictures, on the celebrations in honor of the Faux Millennium.

Two electrochemists and several friends abroad at the pseudo-turn of the millennium... a partly-to-mostly true story with romance, action, and international intrigue... but no dirty pictures because they're not developed yet.

THE PLAYERS

Hitoshi Masui: A not-particularly tall professor of electrochemistry at Kent State University and former postdoc of Royce Murray.

Jeremy Pietron: A not-particularly bright postdoc in Debra Rolison's group at the Naval Research Laboratory and former student of Royce Murray.

Anne Bobb: Recent graduate of philosophy and psychology from the University of North Carolina, by way of Santa Cruz, CA, which explains a lot. Currently is a paralegal in Santa Cruz. Was selling computers in London at the time this was written. Acknowledged friend of disreputable (electro) chemists.

Lindsay Eagle: Publications manager for the National Shakespeare Company in Washington, DC. Also known associate of electrochemists named here.

Several others, scientific and otherwise, of pure to absolutely corrupt virtue, who show up time and again and do stuff.

WARNING: This narrative will change voice, tone and tense several times, often within the same sentence, in severe violation of anything that could describe anything resembling principles of good writing. Editing might be useful, but this is being handed over to Your extremely-fierce-and-mean Editor at the last minute, as per usual.

DEPARTURE 1: Pennsylvania
2:30 P.M., 26 December 1999
I-76—Pennsylvania Turnpike

Beginning to cough, beginning to sputter, energized nonetheless. The snow comes and goes in waves, with only one dangerous whiteout along the way. The potholes beneath and the scarred brown landscape just 30 miles east of Pittsburgh go by. Myron Cope is on the radio and the Steelers are winning and fighting the good fight.

Between describing Levon Kirkland's "giving Tim Biakabatuka the hm-ahh and how-do-you-do" and the start of the next offensive play for Carolina, he comments that, "I know that Christine Aggee-Lera is from here an' all, an' I don't wanna be down on 'er, but I don't like the way she overdid it when she sung the national anthem before the game, I mean she's a good singer an' all. but she should just sing it straight, cause that's the way it's supposed to be sung; straight." As I have always done with the law and prophets, I find myself in deep struggle with Myron's wisdom. But there for the grace of God go I. Though I walk in the valley of the shadows... You get the idea.

ARRIVAL 1: Kent, Ohio
5:00 P.M., 26 December 1999

Dr Masui greets me, fresh as ever from a nap. Dinner and ice skating with friends, off to the train station.

DEPARTURE 2: Cleveland
Amtrak Station, Downtown
3:00 A.M., 27 December 1999

Like many natives of Western Pennsylvania, I was amazed by how clean Cleveland is. In a similar vein, the clientele on the train are a mix of what you would typically find on Greyhound and those that you see on any commercial airline. Being in no way wont to delusions of adequacy, Tosh and I made mental notes of where we fit into the grand scheme of things and munched thoughtfully on our Moon Pies and sipped our RC Cola after we settled into our seats. So sleepy...

... Must be around 8:00 A.M. now. The brown of late December upstate New York glides by outside our window. Everything is wet. Patches of half-melted snow are everywhere outside. Patches of half-melted people are everywhere inside. Off to the snack car, which one must pass through the smoking lounge car to get to. The smoking lounge merits brief description: Imagine an off-track betting parlor with no air circulation somewhere in North Jersey, with the notable exception that the betting parlor would have much less smoke and air that was far less fetid. After securing a microwaved hot-dog, a soda and some chips I returned to my seat.

Despite the commentary above, both Tosh and I declared the train ride fun and worthwhile. Along a particularly long northern route, the ride was over 11 hours in length, which gives a lot of time to meet people. Which brings me to the rather spectacular late-thirtyish woman who has been spending her last ten years or so working to establish start-up technical companies in Russia and who now lives in Greenwich Village. Lois, you fabulous woman, why don't you write back? Lois?... Lois?...

Author's Note: There is more romance in this tale, but most of what we saw is at the level described above, unless you count any copulation *vis-a-vis* the cockroaches that were still alive in the winter and inhabited the hole-in-the wall in which Lindsay and Anne stayed in the Latin Quarter of Paris, but that's later and we wouldn't sink that low thank-you-very-much.

ARRIVAL 2: Manhattan
Penn Station
ca. 4:30 P.M. EST, 27 December 1999

New York is big, brown, rusty, dirty. It merits more description, but that will be a trip later in the spring. The good bit is catching the cab out to JFK, as it involves helping a particularly attractive woman who at the time is trying to take the airport shuttle from Penn Station, which doesn't leave for another 15 min—and her plane is in less than an hour. The bus driver alertly tells us to split a cab with her to the airport, as it will save time and the cost will be about the same when split. I forget her name, but for now we'll call her Ms Tall and Blonde and leave it at that. The ride proves to be fun and it is revealed that Mademoiselle lives out near Monterey and some particularly nice beach and so on. The outstanding and most shocking result is that the ride did not culminate with her inviting Tosh and me to come out and see her sometime. Amazing really.

Author's Note 2: I'm beginning to suspect that the hard sell we all got from ACS in our early school days, that being a physical chemist was about the sexiest occupation one could have, that we would have the equivalent sex appeal of Pierce Brosnan driving a Jaguar Convertible down Rue de Rivoli while wearing a tux and lightly smelling of cologne that no one could pronounce, was disingenuous and deliberately misleading. Consider my annual delay-of-dues payment a form of protest and sign of disillusion.

ARRIVAL 3 AND DEPARTURE 3:
John F. Kennedy International Airport

JFK airport is just that, an airport. The only thing worth mentioning here is another, and stranger

encounter, with a stranger in the gate: An Irish woman called Helen, who found the spectacle of Tosh and me practicing our French while waiting in a gate too funny to pass without commentary. She was on her way to London as well, and was as giddy and road weary as we were. Dumb enough to want to hang out with us. I like that in a woman. British Airways is treating us well and providing complimentary beer and wine, even in coach (U.S. carriers take note).

ARRIVAL 4: London, Heathrow Airport.
Around 9:00 A.M. Imperial Time
28 December 1999

Tosh and I know we are to meet Lindsay, we know approximately where, but we've no idea how to get there. After a lot of mucking about, we get to the other terminal, find Lindsay (who arrived via Virgin Atlantic from Washington, resplendent in shockingly short, newly red hair and giggling), find the airport tube station and head to....

ARRIVAL 5: London
Paddington Station
Around 1:00 P.M. GMT, 28 December 1999

We emerge from the station knowing we need to be south of Hyde park, and we need to get to the De Vere Park Hotel, Kensington. We head in what, through consultation with maps and small gods, seems to be the right direction. The street seems right. We're dragging our cases over the sidewalks and crossing the street just before the signal changes when we hear someone, as she crosses the street now illegally, three children in tow, saying something rather interesting in both gesture and word to an approaching driver. We are walking three abreast and somewhat oblivious to her hurry until we are greeted in that charming East-End Cockney with "FUCKING WANKERS!!!" as she pushes by us. I shout, "Cheers" and wave as she passes. Ahhh, Merry England.

We hail a cab, as we're not entirely sure where we need to be. I swear I see the gentleman shrugging as he pulls out after we give him the name of our hotel. We travel half a block as he pulls up in front of the door. Feeling dumb but glad to be here, I hand over the three-pounds-fifty and we check in. We contact Anne Bobb, who comes by and joins us shortly thereafter, along with her friend Nelle.

Dinner. Chinese food in Piccadilly Circus. Piccadilly Circus, as one might expect, is teeming with life of all forms. There are corporate electronic billboards, well lit and flashy. Businesses, familiar and non, including Starbucks and a bunch of other multinational giants. Vendors selling hot nuts—caramelized and roasted in front of you. Billboards

for theater everywhere. It is cold and lit and bustling, which describes us as well. Into the restaurant, which has the feel of a trendy California nouveau-Asian joint, but we in go anyway. Later, fed and happy, we head in the appropriate direction via the Tube, or Underground, get back to the hotel, and drool like the exhausted monkeys we are through a dreamless sleep.

29 December 1999

Noonish. Standard walking tours of Big Ben and Parliament (no sign of George Clinton, Bootsy Collins, or any of the other Funkadelic All-Stars). Strolling along the Thames. The jet-lag and a lovely variation of a cold that was kin to the fashionable flu that had been making its rounds in January was doing its best as well. Very good but quiet dinner at an Indian restaurant around 10:00 P.M. Rest for the weary.

DEPARTURE 4: London, Waterloo Station
~2:00 P.M., 30 December 1999

ARRIVAL 6: Paris
Around 6:00 P.M.

The Eurostar is fast, smooth and comfortable. We arrive in Paris in a few hours at I forget what station and are given baguettes and cheese as we depart. We all agree to find our hotels and catch up later. Riding through the tunnels in the yellow electric lights of the cars to the Miromesnil Metro Stop. Up one side street to Boulevard Haussmann. A few blocks to the right is Arc de Triomphe (not visible here, but to fix your GPS coordinates), half a block to our left is the hotel. We emerge from the cold, rainy, and typical Paris winter night to meet our wonderful Algerian concierge. We are given keys to our room. Contrary to the spirit of comedy, the room was largely fabulous: Spacious, comfortable and well furnished, with one exception. One bed. ... Wondering if we should be concerned that the love-that-dare-not-speak-its-name (electrochemist –electrochemist) might inadvertently rear its' ugly head. Pondering the what-ifs, we decided not to worry about it and whatever happened, happened. I mean, if it did, I mean, oh well, blame it on Paris, right? Not that it did, I mean, really, did you think? ... It's none of your damned business one way or another and I won't confirm or deny another damned thing for you meddling voyeurs. Shame on you. In any case, we had a quiet dinner with the girls, particularly enjoyed communicating with our exceedingly charming tomboyish waitress with the collective schoolgirl French we knew.



(L-to-R): Anne, Lindsay, and Tosh, obviously in Paris.

31 December 1999

5:30 A.M.: Before the Apocalypse

The cold is fighting back. Luckily, the “Fisherman’s Friend Adult Sweet” bought at the Chemist (revel in the nomenclature my fellow professionals in London is a particularly potent throat lozenge. Pondering the dryness in my throat and the ache in my head and the reality that no more sleep would be had, it was time to walk. By 06h30 I was cruising the streets in the light drizzle, and searching for patisseries and potential breakfast sites and reveling in the Paris-ness of Paris. I soon was on the Champs-Élysées. Paris awakes just like any other city: Delivery trucks come, delivery people do their thing. Lights are on, people are setting up. The miracle combination of strong coffee, orange juice and a chocolate croissant, and I’m almost feeling human. Back in the hotel, Tosh and I plan the day and head off to the Louvre while Lindsay and Anne pursue their own agenda. We make it to my favorite section—Italian and Dutch masters of the Renaissance. We look at various enjoyably Catholic images of torture and suffering and enjoy the rest of the time in the shortened hours for New Year’s Eve.

~9:00 P.M. We are met back at the hotel by the women, all dressed to walk the streets and establish ourselves at Tour Eiffel to see the display to come. Paris celebrates well. Groups of French, Italians, Spaniards are all well-drunk already and walking arm-in-arm singing national songs. We stroll through, not remembering much in the way of songs (we got a couple of Stephen Foster tunes out). Anne, Tosh and Lindsay all sing beautifully. Like most American Catholics, I’m utterly unable to carry a tune. By 10:30 we establish a good spot near the tower. The French Police had been putting on a near-military show of presence all day, and were out in great numbers in very neat-looking blue uniforms. Lindsay nearly had to be sedated, as, I think, she wanted to take every last one home with her. “I want that” was her mantra, repeated

with bright eyes and bushy tail. As most had seen on the news reports, the display at the Tower was spectacular. Breathless and awed, we lingered until about 12:30 A.M. and headed for the Latin Quarter, to be able to go out and still not be far from where Lindsay and Anne had to return. Keep in mind; the Latin Quarter is a sizeable hike from Tour Eiffel. We finally quit running around about 2:30 or 3:00 A.M. and Tosh and I decide to Metro back to the hotel, because the Metro is allegedly running all night this evening, right? Well, no. About 3:30 AM we start the roughly 3-4 mile hike back to the hotel. Around 5:20 A.M. we arrive. Tosh is determined to watch the celebration in New York (six hours removed) on TV. By 5:40 I am asleep.

1 January 2000

Nothing to tell, as the world has been destroyed by God. Wait, no, that's next year at the REAL millennium. No, here, just a standard lunch with the whole gang near Notre Dame, with an actual, genuinely rude French waiter (first one I had ever seen).



(L-to-R) Jeremy and Tosh in search of the real Paris.

Highlights of this day include a spectacular dinner at an out-of-the-way place that Lindsay knew about on recommendation (just like in the movies); Lindsay's random kiss from a scruffy but very ruggedly handsome French stranger who needed the time; and hanging out drinking beer and eating from a Greek stand in a side street in the Latin Quarter. Finish the night in a discussion with our concierge, who happens to be a student in economics, and explains to me that the key to the preservation of the European economy is

protectionism. It's good to see that the ideals that have led to the high levels of employment and productivity currently enjoyed in France are still held sacred in French academia.

2 January 2000

Sacre Coeur: Very Catholic and Byzantine all at once. The crypt is clearly the place to be, what with actual relics. For those of you who aren't familiar with Catholicism, relics are, no lie, actual bits of bone and other stuff from dead saints included in shrines and displays. It's not maudlin, it's faith. Too cool for words, really.

DEPARTURE 5: Paris

ARRIVAL 7: London, Waterloo Station

As you can guess, dear readers, our heroes are tired by this point in the story, so I'm going to try to wrap this up. Dinner at a decent Mediterranean food stand. Linger in Boots the Chemist for odds and ends, lingering in a standard London sex shop (Tosh and Jeremy only, who were particularly intrigued by the lifelike doll with the vibrating mechanical, er, never mind) being admired, in my best outfit, by the gay rank-and-file in Soho (I caught the approving "cute" called out by a couple of fashionable males strolling by—at least somebody loves me. Are you listening, Lois?) and real beer consumed in a real English pub.

DEPARTURE 6: London, Heathrow

10:00 A.M.

ARRIVAL 8 and DEPARTURE 7: New York, JFK, Manhattan

Lunch was excellent—good Italian near Penn Station.

DEPARTURE 8: Penn Station

ARRIVAL 9: Cleveland, Ohio (4:30 A.M.) and on to Kent

Car trouble in the parking lot corrected with a jump-start at 5:00 A.M. Back to a sleepy little college town, having breakfast in a coffee shop and being waited on by a dark-haired dark-eyed dark-makeup black-clothed misunderstood waitress.

Back in the Good Ol' USA.