

AChemS *Association for Chemoreception Sciences*

NEWSLETTER

fostering chemical senses research and understanding smell and taste in health and disease

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University of Arizona

Wayne Silver, Ph.D.
Wake Forest University

AChemS Business Office
229 Westridge Drive
Tallahassee, FL 32304-3634
904-576-5530

TENTATIVE PROGRAM FOR THE ANNUAL MEETING - APRIL 14 - 18

APRIL 14

- 1:00 Executive Committee Meeting
- 5:00 - 7:00 Registration
- 5:00 Organizational meeting for Graduate Assistants
- 6:30 - 8:00 Opening Buffet
- 8:00 Opening Remarks & Awards Presentations
- 8:30 - 9:30 Givaudan-Roure Lecture Dr. Daniel E. Koshland, Jr. Studies on Memory and Forgetting, Using Neural Cell Lines
- 9:30 Social Reception and Cash Bar

APRIL 15

- 8:00 - 12:30 Morning Poster Session
- 8:00 - 11:00 Volunteer Slide Session (Refreshment break 10:15-10:30)
- 11:00 - 12:30 Symposium: Electrogustometry
- 1:00 - Clinical Luncheon Meeting
- 4:00 - 6:00 Workshop: Electrogustometry
- 7:00 - 10:30 Evening Slide Session; Evening Poster Session

APRIL 16

- 8:00 - 12:30 Morning Poster Session
- 8:00 - 11:00 Volunteer Slide Session (Refreshment break 10:15-10:30)
- 11:00 - 12:30 Symposium: Comparative and Evolutionary Aspects of Olfaction
- 4:00 - 6:00 Workshop (to continue the theme of the morning symposium)
- 7:00 - 10:30 Evening Slide Session; Evening Poster Session

APRIL 17

- 8:00 - 11:45 Morning Poster Session
- 8:00 - 9:30 Volunteer Slide Session
- 9:45 - 10:00 (Refreshment break)
- 10:00 - 11:45 Symposium: Neural Mechanisms of Sensory Processing in the nucleus Tractus Solitarius
- 11:45 Business Meeting (Including perspective from NIDCD presented by - Dr. Ralph Naunton)
- 4:00 - 6:00 Workshop: Teaching Science in Public Schools -
- 7:00 - 10:30 Evening Slide Session; Evening Poster Session

APRIL 18

- 8:00 - 12:00 Morning Slide and Poster Sessions (9:45-10:00 Refreshment break)

The AChemS Newsletter is published twice a year on October 1 and February 15. Those interested in publishing in the Fall Newsletter should submit materials by August 15 to:

John W. Scott
Secretary AChemS
Department of Anatomy/Cell Biology
Emory University
Atlanta, Georgia 30322
Phone (404) 727-6247
FAX (404) 727-6256
EMAIL
MEDJWS@EMUVM1.CC.EMORY.EDU

Minutes of the AChemS Executive Committee

October 28, 1992
3:30 PM Hilton Hotel, Anaheim,
California

Present: Caprio, Ache, Burd,
Contreras, Scott, Van Houten

Announcements from the Executive Chair (Caprio):

Awards Committee - Harriet Baker and Steve Roper are new members of the committee. Bob Gesteland will chair the Committee.

Sarasota Hyatt contract - The contract has been signed for 1996. It is likely that ISOT will be in North America in 1997, and AChemS may elect to combine the meeting with ISOT as it did previously. We have until the time of the next annual meeting to make the decision on the 1997 contract.

Industrial Liaison Committee - Frank Gullotta of Phillip Morris International chairs the committee. Other members are: Dennis Passe of Quaker Oaks, Alan Puchalski of Union Camp Corp., and Craig Warren of IFF. The members of the committee have suggested a number of contacts for

possible corporate members.

Awards and Lectures - The sponsorship of awards during the coming year has been approved by Frito-Lay, Moskowitz-Jacobs, and Takasago. Givaudan-Roure will again sponsor the Givaudan lecture.

Association for Research in Otolaryngology Symposium - Inglis Miller is working on a possible symposium presented entirely by members of AChemS with ARO for 1994. ARO wants to receive a list of speakers and titles by January.

Public Affairs Committee - This committee is intended to be the public voice of AChemS. It will develop official positions on items in the news relating to chemical senses. In addition it will work to present a better representation of our goals and accomplishments in Sarasota at the time of the meeting. A final responsibility will be to interact with NIDCD. The composition of the Committee is being considered with Inglis Miller.

Discussion items:

Publicity for presentations at the meeting - There was discussion of the potential problem of presenters at the meeting making questionable use of the Association's name for publicity. One way of handling such problems would be to require all press to report to Panacea or to the Public Affairs Committee. It was proposed to have a press release ready explaining the purpose of the meeting and perhaps highlighting interesting abstracts.

Rejection of abstracts - A related item was discussion of potential criteria for rejection of submitted abstracts that might not meet appropriate criteria of content or protection of subjects. It was proposed that in the next call for abstracts there be a statement that submission of an abstract implies that the research has been con-

ducted in accordance with NIH guidelines for animal and human research. It was decided to appoint an *ad hoc* committee to consider the general issue of criteria for acceptance and rejection.

Olfaction symposium at Neuroscience - It was suggested that a letter be sent to NIDCD congratulating them on the olfactory symposium at the Neuroscience meeting.

National Science Foundation - It was decided that the Executive Chair would write a letter to NSF supporting the stand of the Society for Neuroscience about the future direction of NSF with reference to basic research. A copy of that letter is reproduced in this Newsletter.

Friends of NIDCD - The mode of contribution to the Friends of NIDCD was discussed and it was pointed out that at the last meeting of the Executive Committee, we voted to continue the practice of contributing \$1 per member to the Friends of NIDCD.

Chemical senses data base - The question was raised of generating or purchasing a data base in the areas of research relevant to AChemS that might be of interest to people entering the field. It was decided not to pursue this initiative at the present.

Reports

PAST EXECUTIVE CHAIRPERSON (ACHE):

Elections - The call for nominations was mailed with the Newsletter and the Call for Abstracts. The following members of the election committee were proposed: Rick Gleason, Ed Orona, Charlotte Mistretta, and Bob O'Connell. On a motion by Scott and seconded by Burd, the Executive Committee approved this list of members. Biographic information about each candidate will be provided with the ballot and the ballot will be mailed

with the Spring Newsletter.

Panacea Associates contract - This contract must be renewed by October 1993. Panacea Associates will submit a budget for \$9,000 for the meeting and \$15,000 for Association management. They feel that they probably would not like to expand their role in the Association.

Freeman Award - The present intent of IFF is to continue the Freeman Award with a sponsored symposium instead of a dinner.

NIH proposal for symposium support - A proposal was submitted to NIH for funds to support symposia with outside speakers at the annual meeting. This proposal was developed by Ache and Van Houten. If it is successful, funding would begin in 1994. The proposal also includes plans for a workshop on science education.

SECRETARY (SCOTT):

Newsletter - The Newsletter was mailed by Panacea on October 24. The next Newsletter will be mailed February 15 and items should be submitted to the Secretary by January 1. It was suggested that Rochelle Small be contacted about an article encouraging proposals to the Institute. A question was put forward as to why the mailing appeared under the name AChemS Bulletin. This was not authorized by the Secretary. The Executive Chair will communicate with the Program Chair and Panacea Associates to assure use of the standard name for the Newsletter.

TREASURER (GREEN-IN ABSENTIA):

A budget report is presented in a separate box.

Fiscal Year - There was discussion of the desirability of changing to a different fiscal year to have income and expenses coincide more closely, but it was decided that there was no pressing reason for such a change.

MEMBERSHIP (CONTRERAS):

Current membership - As of 10/9/92 there were:

575 regular members
147 student members
3 emeritus members
725 Total

Membership Directory - There was a delay in publishing the Membership Directory necessitated by the new Membership Chair updating the files. This required the hiring of an assistant for 12 hrs. It was suggested that the membership files be handled by Panacea to avoid future problems of transition between Membership Chairpersons. This was the original intent in the Panacea contract. There was a reminder to print the dates of future meetings on the directory each year.

Sales of membership list - There have been a few inquiries about sales of the list, but presently no sales have occurred. We had set a price of \$.50/name.

PROGRAM CHAIR'S REPORT (DESIMONE PRESENTED BY VAN HOUTEN):

Call for Abstracts - This was mailed with the October Newsletter.

The tentative program for the annual meeting appears elsewhere in the newsletter.

Delta Airlines - Delta will not provide special discount rates specifically for attending the meeting, but will continue to offer complementary airline tickets to the Association based on total sales to AChemS members attending the meeting.

COUNCIL (BURD):

First Award survey - The council members prepared a survey on the utilization of the First Award. The survey appeared on the Fall Newsletter.

Guidelines for naming members of the Awards Committee - These will

be proposed by the council members at the Spring meeting of the Executive Committee.

Proposal for a western site for future AChemS - A company (Select Accommodations) has been identified that aids in finding meeting sites. This company proposed three possible sites, and the committee is continuing to investigate the possibilities.

A survey of the membership on possible future use of western sites for the meeting is included in this Newsletter. This survey includes some specific numbers on costs for some specific hotels and estimated travel costs. This information will also be considered for determining a possible site for the 1997 ISOT meeting.

The meeting was adjourned at 6:30 PM.

The following letter was mailed to the National Science Foundation on behalf of the Association after the October Council meeting.

November 6, 1992

Special Commission on the Future of NSF, Room 546
ATTN: Charles Brownstein
National Science Foundation
1800 G St. N.W.
Washington, D.C. 20550

Dear Committee Members:

The Executive Board of the Association for Chemoreception Sciences (AChemS), a professional organization of over 700 research scientists who study the senses of taste and smell, supports the position of the Society for Neuroscience in its letter to your committee concerning the mission of NSF in supporting basic scientific research in our nation.

The Executive Board of AChemS is concerned that the deliberations of your committee to shift emphasis to

research which benefits more short term industrial goals may lead to a weakening of NSF's support of basic research. We question the underlying assumption of Representative George E. Brown, Jr., Chairman of the Committee on Science, Space and Technology, expressed in a round-table press briefing on the release of the report of the task force on the Health of Research (September 15, 1992) and repeated by Representative Brown in an article published in Science (258:200-201, 1992). Representative Brown says it is "simplistic and often false that knowledge is created by basic research, its utility is determined through applied research, and development and marketing serve to transmit the products of new knowledge to society".

Indeed, a quick review of the history of modern scientific exploration reveals that the inquisitiveness of basic research scientists led not only to major scientific advances in their respective fields, but to equally major societal benefits in medicine and electronics. Representative Brown's suggestion that the telescope, steam engine and supercomputers motivated basic research is true, but only once these inventions became known; the original development of these products was fueled by the needs of research scientists in the fields of optics, thermodynamics and electronics. Basic research in the 1950's on the structure of DNA and in the 1980's on the heat resistant form of the reverse transcriptase enzyme in bacteria associated with deep sea vents and hot springs, provided the basis for the current explosion of information in the field of biotechnology.

The recent expansion of Offices of Technology Transfer to campuses, research and medical centers along with the current patent laws should adequately promote transfer of technology from basic research to industry. Traditional concerns that caused industry not to be particularly interested in discoveries emanating from basic research that would soon be published and not be protected by patents have been minimized.

The U.S. has become a dominant force in science worldwide during the past 50 years, in large part because of the support of basic research and the transfer of technology based on previous findings of basic research. Representatives from industry itself are on record (Nature Vol. 359, Oct. 1, 1992) as not wanting the federal government to "demand useful products from the research that it funds" and further stating that the "government should do what industry cannot do --- education and basic research".

The Executive Board of the Association for Chemoreception Sciences implores the Commission on the Future of the National Science Foundation not to impose an across-the-board mandate for industrial-academic linkages, but instead to preserve the mission of NSF in supporting the best of the nation's peer-reviewed basic research proposals.

Sincerely,

John Caprio, Ph.D.
AChemS, Executive Chairperson

News from the NIH

Some new funding announcements from the NIH have appeared. One ongoing program announcement targets "Vulnerability of the olfactory system to the impact of environmental toxicants and pathogens." It appeared in the NIH Guide for Grants and Contracts of 11/20/92. A second ongoing announcement "ChemoReception and Nutrition" appeared in the NIH Guide of 10/02/92. Both have the standard NIH deadlines. For further information contact Dr. Jack Pearl or Dr. Rochelle Small, NIDCD, (301) 402-3464.

NIDCD/NIH Chemosensory Tips from Dr. Small

As the new member of the NIDCD staff serving the chemosensory community, I want to take this opportunity to say hello to the AChemS member-

ship and to convey a few messages which I hope will prove useful.

Call NIDCD! It is important to realize that NIDCD scientific staff is available to you for consultation and administrative guidance about the application, review and funding process. There is much to be gained by contacting NIDCD staff prior to submitting your application. We can help you to select the most appropriate funding mechanism and help to ensure an appropriate review and Institute assignment. In recent years, several less well-known mechanisms have been added to the traditional RO1 Research Project Grant. Three granting mechanisms appear to have been underutilized by people in the chemical senses. One is the FIRST Award (R29), which was the subject of a survey in the last Newsletter. Another is the Small Grant Award (R03) which targets investigators who have not been Principal Investigator for a RO1 or R29. It provides \$25,000/year direct costs for a two year period. A third is the Senior Fellowship which is intended to promote advanced training and can be useful for funding a sabbatical leave to learn new techniques. In addition, several types of Research Supplements have been added to the RO1 which target specific populations. Persons interested in information or specific guidelines for these programs should contact Dr. Pearl or Dr. Small.

REVISE and RESUBMIT! Many meritorious applications do not make the pay line on their first submission. But they do often succeed on their first, second and even third revisions. Knowing how to address the specific criticisms of a summary statement can be critical to the success of your revision. Call if you are having difficulty responding to your summary statement.

Do you read the NIH Guide for Grants and Contracts? This is the official source for announcements of initiatives, new and ongoing programs,

and updated guidelines for specific mechanisms. The NIH Guide may be available through your Business Office. If it is not available, call (301) 496-1787 to receive your own copy.

Rochelle Small, Ph.D.
Chemical Senses Program

The NIDCD Chemosensory Hotline
(301) 402-3464
Ask for Dr. Rochelle Small or Dr.
Jack Pearl; FAX: (301) 402-6251
BITNET: RIO@NIHCU
INTERNET: RIO@CU.NIH.GOV

TEACHING SCIENCE IN THE PUBLIC SCHOOLS WITH CHEMICAL SENSES. W.R. KLEMM

This workshop is a follow-up of last year's workshop, which was designed to encourage Society members to help public school teachers teach science more effectively. The workshop is scheduled for the forthcoming AChemS meeting, at 4-6 PM on Saturday, on April 17.

The focus of this workshop is to develop specific, experiment-based lesson plans involving chemical senses that will stimulate students to become more motivated and actively involved in learning science. We will discuss a suggested format for such lesson plans, involving: Theme, Demonstration, General Observations, Hypothesis Generation, Experimental Design, Procedures, Data Analysis, and Interpretation. Plans are developed around children. Specific draft lesson plans will be presented for critique and discussion.

Society members are encouraged to bring their own ideas and lesson plans to share with the group. It would be helpful if everyone put together lessons according to a common format. Bill Klemm and others are working on

the details of a tentative format and can send copies to those interested in submitting learning exercises at the workshop. He can be contacted at 409-845-4201 (phone), 409-847-8981 (FAX), or WRK2101@TAMVENUS (Bitnet).

Sensory Science Scholarship for the 1993-1994 Academic Year

Objective: To promote the goal of Rose Marie Pangborn to educate sensory scientists at the PhD level whose career goal is teach and conduct research in the area of sensory science at the University level.

The Sensory Science Scholarship will be awarded on the basis of the applicant's academic record, commitment to a career in teaching in the field of sensory science, and support in letters of recommendation. The selection of recipients and policy governing the awards will be determined by the Board of Directors of the Sensory Science Scholarship Fund, Inc.

One award of \$11,000 will be made for the 1993-1994 academic year to be paid the recipient in three equal payments on the 1st of September, December and March. The recipient will be eligible for two renewals of the award. However, reapplication is mandatory and the application will be reviewed along with all others received.

Applications should include the completed application blank, official transcripts of all previous college work, transcripts from present graduate or undergraduate work, GRE results (a copy is acceptable) and essay.

Three letters of recommendation must be furnished. These may be mailed separately by the referees and do not need to accompany the application.

These letters must be received PRIOR to the deadline for filing the application.

Applications, including all required information, must be postmarked no later than March 15, 1993.

For additional information, please contact Dr. A.C. Noble, Secretary, Sensory Science Scholarship Fund, Dept. Viticulture and Enology, University of California, Davis, CA 95616 (FAX: 916-752-0382) (Phone: 916-752-0387)
(EMAIL: ACNOBLE@UCDAVIS.EDU or ACNOBLE@UCDAVIS.BITNET)

GORDON CONFERENCE ON TASTE AND SMELL

Gail Burd (GBURD@ARIZVMS) and John Caprio (ZOCAPR@LSUVM) request your suggestions for topics and speakers for the 1994 Gordon Conference on the Chemical Senses.

Postdoctoral Fellow. Position available July 1, 1993, supported by the NIH training grant at the UCSD Medical Center Nasal Dysfunction Clinic. Postdoctoral fellows are involved in clinical and basic science research. Opportunities will be provided to participate in assessment of nasal dysfunction patients, as well as in various research projects involving a variety of subject populations: Alzheimer's patients, patients with other dementias, anosmics and hyposmics, nasal surgery patients, normal elderly persons, preschoolers. An individual with an interest in both anatomical and psychophysical aspects of Alzheimer's disease might be particularly attractive. Applications will be reviewed until the position is filled. Please send a curriculum vitae, three letters of recommendation and a cover letter describing how your qualifications and interests are appropriate for this position to Dr. Claire Murphy, Department of Psychology, San Diego

State University, San Diego, CA
92182-0551. EOAAE.

News from Panacea Associates

AUTHORS! Sell your books at AChemS

Last year's exhibit of books was a success. All of the books on hand were sold with the proceeds going to support student travel. The Association will conduct a similar exhibit at the April Meeting. Any members wishing to make suggestions about potential book exhibits should send a note about the title and publisher to AChemS, 229 Westridge Dr., Tallahassee, FL 32304-3639.

BUDGET is the "official" car rental agency for AChemS. We have reproduced below a coupon for the agency.

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AChemS Tee Shirt - Panacea Associates solicits graphic designs for this year's AChemS Tee Shirt, to be sold to benefit student travel. They will ask the Program Committee to judge submitted designs. Please send designs to the AChemS address.

*

AChemS has selected Delta Air Lines, Inc. as the official air carrier for our meeting in Sarasota. To make your reservation, please call Delta at 1-800-241-6760 and refer to File Number S 1440.

*

As a fund-raiser this year Rich Costanzo has agreed to make available at the meeting 2x2 slides of the human olfactory mucosa micrograph that was used for the cover of the Fall Newsletter. A donation of \$2-\$5 (or greater) is requested with all proceeds to go to the student travel fund. The slides can be obtained through Panacea, and they would prefer donations in even dollar amounts.

UNIVERSITY OF COLORADO SCHOOL OF MEDICINE

The Department of Cellular and Structural Biology seeks to strengthen its programs in: *Chemical Senses--Developmental Biology--Cell Biology* by filling at least two tenure-track faculty positions. Successful candidates have an MD or PhD degree, significant postdoctoral experience, and the ability to develop a strong, independent research program. Preferred re-

search areas are the cellular and molecular aspects of vertebrate and invertebrate development, fundamental cell biology, and the cellular and molecular aspects of taste and smell. Candidates are expected to participate in the Department's instructional programs and may be appointed at the Assistant Professor or higher levels.

The Department of Cellular and Structural Biology and the Health Sciences Center offer a rich and congenial, interactive research environment, strong interdepartmental graduate programs, and excellent facilities.

Applications will be reviewed starting February 15th, 1993. Send curriculum vitae, publication list, a one-page statement of current and future research goals, and the names of three references to: Dr. Joan Hooper, Chair, Search Committee, Dept. of Cellular and Structural Biology, Univ. of Colorado School of Medicine, 4200 E. Ninth Avenue, B-111, Denver, CO 80262. *An equal employment and affirmative action employer.*

Welcome ACHEMS

Budget Rent A Car, along with the Hyatt of Sarasota, work very closely together to give our guests professional and complete service upon their arrival in Sarasota, Florida.

To guarantee your listed Special Group Rates, please call our toll free number 1-800-772-3773 and be certain to say that you are with the ACHEMS and your rate code is VAR E ACHE.

Looking forward to seeing you in Sarasota.

Refueling services, taxes, surcharge and optional items are additional. Normal rental requirements apply. Two (2) week advance reservations are requested. Offer good only at Sarasota/Bradenton and Tampa locations. Offer not available in conjunction with any other discount or promotion. One (1) coupon per rental only. 3 day minimum rental required.

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GROUP RATES

RATES	DAILY	WEEKLY
Economy	26.99	115.00
Compact	28.99	129.00
Intermediate	31.99	145.00
Full Size	36.99	165.00
Town Car	42.99	219.00
Convertible	42.99	209.00
Mini Van	44.99	229.00

FREE UNLIMITED MILEAGE
Apr. 13 - 19, 1993

Rates good one week prior and one week after dates listed.

**PRESENT THIS CARD AT THE TIME OF
RENTAL AND RECEIVE AN ADDITIONAL**

\$10.00 OFF
YOUR LISTED GROUP RATES.
Budget 
3-day minimum required.

SURVEY ON MEETING SITES

At last year's business meeting, we discussed the possibility of occasionally holding the AChemS Annual Meeting at a western site. Several reasons for this possibility include: (1) Members coming from the west have a difficult time getting to Sarasota in time for the first evening's activities; (2) West coast members pay more for travel to Sarasota than the majority AChemS members, which also makes it more difficult to bring students to the meeting; (3) Some members would like a change of scenery, shops etc. rather than meet at the same location annually.

The following list of tourist airfares, obtained in October 1992, is for comparison purposes only; clearly there will be changes in many of these fares.

Tallahassee to San Diego	\$440
Tallahassee to Orange County	\$470
Cincinnati to San Diego	\$420
Cincinnati to Orange County	\$420
Cincinnati to Sarasota	\$310
Philadelphia to San Diego	\$490
Philadelphia to Orange County	\$490
Philadelphia to Sarasota	\$310
Denver to Sarasota	\$410
Los Angeles to Sarasota	\$470

Because of AChemS contracts with the Sarasota Hyatt, the earliest that we could possibly meet at another site would be in 1997; however, AChemS will host ISOT that year and it is currently uncertain as to the date (April or summer, 1997) when that meeting will occur. If Sarasota is chosen for the ISOT site in 1997, then 1998 would be our first opportunity to move to a western location.

After some discussion at the 1992 AChemS business meeting, it was clear that additional information was required before members could make a decision on whether to consider a western site for future annual meetings of AChemS. Dr. Gail Burd was asked

to compile information about potential western locations and prepare a survey of member opinion. Dr. Burd will collate the results of the survey and present it at the next annual meeting in April, 1993. Your response is important! Please return the questionnaire by April 1, to Dr. Gail Burd, Dept. Molecular & Cellular Biology, Life Sciences South 444, University of Arizona, Tucson, AZ 85721.

Potential western sites:

For your information, the following sites were identified in California at Newport Beach and San Diego. These hotels are the appropriate size, have available space in April 1997 and provide meeting rooms at no charge. Room rates reflect 1993 prices. We are not asking you to rank these, but just to observe the type of hotels that we are considering. Final recommendation of the meeting site would be the responsibility of an AChemS "Site Committee" which would be presented to the AChemS Executive Board for consideration.

Hyatt Newporter Resort, Newport Beach, California room rates: \$95

Year-round deluxe resort hotel on 26 acres of landscaped gardens overlooking Newport's Back Bay. Ten minutes from Orange County Airport and minutes from restaurants, night clubs, specialty shops, Balboa Island and beaches.

- 410 guest rooms
- 3 heated swimming pools/jacuzzi
- volleyball/bike rentals/jogging trails
- 9 hole, par 3 golf course (complimentary)
- health club
- 16 outdoor lighted tennis courts
- golf can be arranged at Newport Country Club - minutes from resort
- restaurants/ lounge/ entertainment

- complimentary airport transportation
- concierge

*

Hyatt Islandia, San Diego, California room rates: \$110

Year-round resort on Mission Bay with seascape view of the marina and Pacific Ocean. Minutes from Sea World, beaches, and Mission Beach boardwalk. Fifteen minutes from San Diego Airport, San Diego Zoo, and museums in Balboa Park.

- 423 rooms and suites
- heated outdoor pool
- Jacuzzi spa
- Marina/ boat rentals/ sport fishing
- jogging/ walking trails
- restaurant/ lounge/ entertainment
- golf and tennis nearby
- complete meeting facilities

*

Holiday Inn on the Bay, San Diego, California room rates: \$89

Downtown hotel on the harbor front, walking distance to harbor excursion boats, maritime museums, restaurants, and specialty shops. Ten minutes from the San Diego Zoo, Sea World, museums in Balboa Park, and five minutes from the San Diego Airport.

- 600 rooms and suites
- outdoor heated pool
- sauna/jacuzzi
- news-stand/gift shop
- restaurant/ lounge/ delicatessen
- complimentary airport/ Amtrak transportation
- walking distance to Seaport Village and Horton Plaza
- complete meeting and banquet facilities

*

SURVEY ON MEETING SITES

San Diego Princess Resort, San Diego, California
room rates: \$95

Year-round resort located on a forty acre island in Mission Bay with a white sand beach. Lush gardens with hundreds of tropical plants. Ten minutes from the San Diego Airport,

and minutes from Sea World, San Diego Zoo, and museums in Balboa Park.

- 462 rooms
- five swimming pools (2 heated)
- six lighted tennis courts
- sailboats/ catamarans/ paddleboats/- motorboats

- lessons in tennis/sailing/sailboarding/ ski boating,
- jogging/ botanical walk/ bike rental
- volleyball/ putting green/ nine-station exercise course

Questionnaire: AChemS meeting on the West Coast

I am a regular ____ or student ____ member.

I reside in the following state ____.

I attend AChemS regularly ____, every few years ____, rarely ____, never ____.

If you do not attend AChemS regularly, please indicate why.

I am very interested in ____, some-what interested in ____, don't care about ____, not interested in ____, very uninterested in ____ holding AChemS on the West coast.

Would you attend AChemS at one of the sites outlined in the preceding text? yes ____, no ____, maybe ____, need additional information ____.

If you need additional information to make a final commitment to this proposal, what information would you like to have?

On what schedule would you be willing to hold AChemS on the West Coast?

every year ____, every other year ____, every third year ____, every fourth year ____, every fifth year ____, never ____.

Please return this questionnaire to:

Dr. Gail Burd, Dept. Molecular & Cellular Biology, Life Sciences South 444, University of Arizona, Tucson, AZ 85721, by April 1, 1993.

Election of AChems Officers for 1993

In accordance with the Bylaws of the Association, the Elections Committee has prepared the following slate of candidates, after consideration of the nominations submitted by Association members. One person is to be elected for each office. All individual members in good standing are eligible to vote. The Bylaws state that the elections shall be decided by simple plurality of the votes received by 30 days prior to the Annual Meeting. Please submit your vote on the ballot provided. The following persons agreed to have their names put forward in nomination:

Executive Chairperson-Elect (one year term) JOHN S. KAUER

Education: Ph.D. (Anatomy), University of Pennsylvania, 1973; Postdoctoral Fellow, Department of Physiology, Yale University, 1973-75.

Research: Functional organization of the olfactory bulb and mechanisms of odor processing.

Current Positions: Professor, Dept. of Neurosurgery, New England Medical Center (NEMC), Section of Neuroscience and Dept. of Anatomy and Cell Biology, Tufts University School of Medicine (TUSM).

Service Positions: Chair, Committee on Programs and Faculty, TUSM (1987-89); Co-Chair, Task Force on Career Development, NEMC (1988-89); Chair, Program Committee, AChems (1991); Member Howard Hughes Medical Institute Panel on Neuroscience and Physiology (1990); Ad Hoc Reviewer, NIH, NSF, ONR (present); Editorial Board, J. Neurobiology (present).

Executive Chairperson-Elect (one year term) THOMAS R. SCOTT

Education: Ph.D. (Biological Psychology), Duke University, 1970.

Research: Neural mechanisms of taste; neurophysiology of feeding.

Current Positions: Associate Dean for Research and Graduate Studies; Professor, Department of Psychology, University of Delaware (UD).

Service Positions: Chair, Dept. of Psychology, UD (1983-92); President, Delaware Chapter, Society for Neuroscience (1987); Member, Sensory Systems Advisory Panel, NSF (1989-92); Member, Executive Committee, Council of Graduate Departments of Psychology (1991-92); Secretary, AChems (1987-89); Chair, Awards Committee, AChems (1991).

Program Chairperson-Elect (one year term) BARBARA R. TALAMO

Education: Ph.D. (Biochemistry), Harvard University; Postdoctoral Fellow, Department of Neurobiology, Harvard Medical School.

Research: Mechanisms of olfactory receptor cell turnover and axonal growth in pathological neurodegenerative disorders.

Current Positions: Associate Professor, Departments of Neuroscience and Physiology, Tufts University School of Medicine (TUSM); Director, Neuroscience Graduate Program, TUSM.

Service Positions: Councilor, Association of Neuroscience Departments and Programs (present); Member, Faculty Affairs Committee and Executive Council, TUSM (present); Former Member, Neurology B Study Section, NIH; Former Ad Hoc Member, Review Committees, NIDR, NINDS, NIDCD, NIGMS, NSF; External reviewer for proposals, VA, NSF, NRC (Canada) (present), Ex-

ternal Reviewer, *Neuron*, *J. Neuroscience*, *Biochemical Pharmacology*, *Peptides*, *American J. Physiology*, *J. Experimental Biology*, *J. Neurochemistry* (present); Organizer, Symposium on Phosphatidyl Inositols in Signal Transduction, American Society of Neurochemistry (1985).

Program Chairperson-Elect (one year term) JOHN H. TEETER

Education: Ph.D. (Physiology), University of Pennsylvania, 1974; Postdoctoral Fellow, Department of Neuroscience, Albert Einstein College of Medicine, 1974-76.

Research: Cellular and molecular mechanisms of chemosensory transduction.

Current Position: Member, Monell Chemical Senses Center; Member, Mahoney Institute for Neurological Sciences; Adjunct Assistant Professor, Dept. of Physiology, University of Pennsylvania School of Medicine.

Service Positions: Member, Program Committee, AChems (1982); Member, Sensory Systems Advisory Panel, NSF (1988-92); Ad Hoc Member, Site Visit Team, NIDCD (1985, 1989, 1990).

Secretary (two year term) HARRIET D. BAKER

Education: Ph.D. (Pharmacology), University of Iowa, 1976; Postdoctoral Fellow, Dept. of Neurology, Cornell University Medical School.

Research: Control of phenotypic expression and neuronal plasticity in the olfactory system.

Current Position: Associate Research Professor, Department of Neurology, Cornell University Medical College, The Burke Medical Research Institute.

Service Positions: Member, Committee on Space Biology Medicine, Sensory Motor Panel; Member, Elections Committee, AChemS; Member, Awards Committee, AChemS; Recording Secretary, New York Society for Electron Microscopists; Ad Hoc Member, Site Visit Team, NIDCD.

Secretary (two year term) CHARLES D. DERBY

Education: Ph.D. (Biology), Boston University, 1982; Postdoctoral Fellow, Whitney Laboratory, University of Florida, 1982-84

Research: Cellular, integrative and behavioral effects of mixture interactions in olfaction.

Current Positions: Associate Professor, Department of Biology, Georgia State University (GSU); Adjunct Associate Professor, Departments of Anatomy and Physiology, Morehouse School of Medicine.

Service Positions: Member, Program Committee, AChemS (1990); Member, Program Committee, American Society of Zoologists (1991); Member, Executive Committee, Department of Biology, GSU (present); Director, Graduate Studies, Department of Biology, GSU (present).

Council (two year term) JOHN G. HILDEBRAND

Education: Ph.D. (Biochemistry), Rockefeller University, 1969; Postdoctoral Fellow, Department of Neurobiology, Harvard Medical School, 1969-72.

Research: Developmental neurobiology, physiology and functional organization of the insect olfactory system.

Current Positions: Regents' Professor; Director, Division of Neurobiology,

Arizona Research Laboratories; Professor, Departments of Neurobiology, Biochemistry, Entomology, and Molecular & Cellular Biology, University of Arizona (UA); Associate in Behavioral Biology, Museum of Comparative Zoology, Harvard University.

Service Positions (partial listing): Treasurer-Elect, Society for Neuroscience (SN) (present); Member, Public Affairs Committee, SN (1990-93); Member, IBRO Committee of Developing Countries (present); Chairman, Program Committee, 3rd International Congress on Neuroethology (1990-92); Member, Program Committee, AChemS (1986-87); Editor, *J. Comparative Physiology A* (present); Member, Editorial Boards, *Pheromones* (present), *J. Comparative Neurology* (present), *J. Neurophysiology* (1989-92), *J. Experimental Biology* (1988-89), *J. Insect Behavior* (1986-93); Member, Invertebrate Zoology Task Force, NSF (1992); Chair, Advisory Committee for Biological, Behavioral & Social Sciences, NSF (1989-91); Member, Prize Selection Committee, Capranica Foundation (present); Member, Task Force on Undergraduate Education, UA (1991-92); Faculty Senator, UA (present); Trustee, Marine Biological Laboratory (MBL) (present).

Council (two year term) MARK C. WHITEHEAD

Education: Ph.D. (Anatomy), University of Rochester, 1977; Postdoctoral Fellow, Department of Anatomy, University of Connecticut Health Center, 1977-80.

Research: Cellular and synaptic organization of the gustatory system.

Current Position: Associate Professor, Department of Surgery, School of Medicine, University of California, San Diego (UCSD).

Service Positions: Chair, EM Center

Oversight Committee, University of Connecticut (1985-86); Member, College of Dentistry Research Committee, Ohio State University (OSU) (1986-91); Chair, Faculty Search Committee, OSU (1986-87); Member, Tracking Committee, UCSD (present); Member, Standings and Promotion Committee, School of Medicine, UCSD (present).

THE 1993 ACHEMS ELECTIONS COMMITTEE:

Barry W. Ache, Chairperson
Richard A. Gleeson
Charlotte M. Mistretta
Robert J. O'Connell
Edward Orona

1993 ACHEMS BALLOT

- Please vote for one person in each category -

Executive Chairperson-Elect (to serve 1994-95):

_____ John S. Kauer
_____ Thomas R. Scott

Program Chairperson-Elect (to serve 1994-95):

_____ Barbara R. Talamo
_____ John H. Teeter

Secretary (to serve 1993-1995):

_____ Harriet D. Baker
_____ Charles D. Derby

Council (to serve 1993-1995):

_____ John G. Hildebrand
_____ Mark C. Whitehead

BALLOTS MUST BE RETURNED IN A SEALED ENVELOPE, SIGNED ON THE OUTSIDE SO AS TO CLEARLY IDENTIFY THE MEMBER. BALLOTS MUST ARRIVE AT THE CENTRAL OFFICE NO LATER THAN MONDAY, MARCH 15, 1993.

Ballots should be mailed to:
Chairperson, Elections Committee
Association for Chemoreception Sci.
229 Westridge Drive
Tallahassee, FL 32304

CLINICAL LUNCHEON MEETING, ACHEMS XV. Please join AChemS members interested in clinical research and clinical issues for a luncheon meeting on Thursday, April 15 at 1 PM in the Florida Room at the Hyatt. The agenda will include a discussion of clinical research opportunities in the chemical senses. Accommodations for this event are limited by the capacity of the room to 60. Please reserve your place before April 1 to avoid disappointment. To reserve a place, detach and return the reservation form below to Claire Murphy, c/o Panacea Associates, 229 Westridge Drive, Tallahassee, FL 32304.

Name: _____

Affiliation: _____

Address: _____

Telephone: _____ FAX: _____

Please indicate your luncheon choice and the number of tickets below:

Croissant Club _____

(Jumbo croissant filled with ham, turkey, Swiss cheese, bacon, tomato and lettuce, garnished with potato salad, pickle and hard boiled egg)

Oddly Similar _____

(Avocado half with shrimp salad and tomato half with chicken salad surrounded by fresh fruit, marinated mushroom salad - rolls and butter)

Price includes coffee, tea, or decaffeinated coffee.

Checks for \$13.50 should be made out to ACHEMS XV.

Treasurer's report as of October 1, 1992

	Budget 1992	Actual 1992
Expenses		
Chair	\$ 400	\$ 263
Past Chair	600	150
Secretary	1,100	0
Treasurer	700	415
Membership	3,000	3,667
Program	25,200	27,044
Council	8,000	8,120
Panacea Management	14,200	13,970
Capitol equipment	1,100	0
Incorporation Fees	350	175
ECRO/ACHEMS exchange reserve	0	0
Friends of NIDCD	500	500
Animals in Research Group	0	0
Oxford Univ. Press	2,000	3,975
ISOT Reserve	1,000	0
Bank Charges		8
TOTAL	\$58,150	\$58,287

	Budget 1992	Actual 1992
Income		
Dues and Registration	\$41,700	\$47,559
Corporate Memberships	8,000	8,000
Oxford Univ. Press	2,000	4,500
(pass through)		
Corporate Sponsorships	2,000	2,000
NIH Symposium (one time)		250
Interest	1,250	574
Sale of hats and books		333
TOTAL	\$54,950	\$63,216

Cash position as of Oct 1, 1992

Money market acct: \$24,100
 Checking acct: \$12,851
 CD: \$10,000
 AChemS Reimbursable: \$ 2,466

TOTAL \$49,417