

# NEWSLETTER

## **AChemS Association for Chemoreception Sciences**

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

*AChemS World Wide Web Site:  
<<http://www.neuro.fsu.edu/achems>>*

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Florida State University

#### **Executive Chair Elect**

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University of Delaware

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University of Vermont

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#### **Program Chair-Elect**

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#### **Councilors**

Marilyn L. Getchell, Ph.D.  
University of Kentucky College of  
Medicine

Thomas A. Christensen, Ph.D.  
University of Arizona

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### *In This Newsletter You Will Find:*

- *Letter from the Executive Chair, Mike Meredith*
- *Letter from the Executive Chair to NIDCD and Dr. Snow's reply*
- *Minutes of the Business Meeting of the Executive Committee, Nov. 17, 1996, including the Budget for AChemS' 1996-1997 and ISOT, 1997*
- *Items of Note*
- *Election Ballots for 1997 and Descriptions of Candidates*
- *Letter from Claire Murphy, ISOT Organizer, describing ISOT XII/AChemS XIX*
- *The Program for ISOT XII/AChemS XIX*
- *ISOT Special Event Reservation Form*
- *NIH Workshops at ISOT*
- *Call for Sessions for the 20th Anniversary of AChemS, 1998*
- *Message from the Public Affairs and Information Committee*
- *Positions Open*

### *Deadlines/Events in 1997:*

- *June 6: Last date to reserve rooms at the Hotel Del with meeting discount*
- *June 20: Election Ballots must arrive at Panacea*
- *June 20: ISOT Special Events Registration must arrive at Panacea*
- *July 7-12: ISOT XII/AChemS XIX*

The AChemS Newsletter is published twice a year. Those interested in publishing in the Fall 1997 Newsletter should submit material by September 1, 1997 to: Dr. Sarah K. Pixley, Secretary of AChemS, Department of Cell Biology, University of Cincinnati, College of Medicine, PO Box 670521, Cincinnati, OH 45267-0521; Tel: (513) 558-6086; FAX (513) 558-4454; EMAIL [sarah.pixley@uc.edu](mailto:sarah.pixley@uc.edu)

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## **A LETTER FROM MICHAEL MEREDITH** **ACHEMS EXECUTIVE CHAIRPERSON**

This has been an unusual year. April has come and almost gone with no annual meeting -but the wait will be worth while. Claire Murphy and Charles Greer, our ISOT-Chair and AChemS Program-Chair have crafted an extraordinary conference. Symposia on important themes with a stellar international representation are planned for each day, in addition to an outstanding selection of volunteer presentations in slide and poster sessions. Some comments on the organization and financing of the meeting are included below. A preview of the program and a message from Claire Murphy about special ISOT events are also included in this newsletter.

Another unusual event this year was an uncertainty about NIH funding for chemosensory research that triggered an inquiry to Dr. James Snow Jr., the Director of the NIDCD. My letter to Dr. Snow on behalf of AChemS, and his reply, are reproduced in this newsletter.

We are making some progress in our efforts to strengthen AChemS' ties to industry. A message from the Industry Relations Committee and some details of a discussion session on careers in industry are included below.

**Two POLLS are included in this newsletter in addition to the ballot for election of new AChemS Officers.** They allow members who will not be able to attend the business meeting in San Diego to express their opinions.

**The first poll asks whether we should change the title of our Chief Executive Officer (CEO) from "Executive Chairperson" to "President", beginning in 1998.** (See below for further details).

**The second poll seeks opinions on continuing the current mandatory subscription to Chemical Senses,** whose authorization by the membership runs out this year (see below).

### **ISOT XII / AChemS XIX**

The upcoming ISOT meeting promises to be the largest ever and a significant contribution to the chemical-senses research effort worldwide. It has been made possible by the hard work of Claire Murphy and Charles Greer, the Program Committee, Executive Committee, the Symposium Organizers, the committees handling minority, clinical and student support (chaired by Diego Restrepo, April Mott and Marilyn Getchell), the public relations and industry relations committees (chaired by Bob O'Connell and Grant Dubois), Panacea Associates and individual members who contributed ideas and information; and, of course, the hundreds of volunteer-paper authors whose insight, innovation and energy power the whole enterprise.

**The ISOT/AChemS program will be mailed to all pre-registrants before the meeting and will also be posted on the AChemS home page:** <<http://www.neuro.fsu.edu/achems>> **and on the ISOT homepage:** <<http://sonofsun.sdsu.edu/Psy/ISOT>>.

**Our main financial support for the ISOT meeting** comes from the National Institutes of Health, especially NIDCD, the National Institute on Deafness and Other Communication Disorders and NIA, the National Institute on Aging, but with significant additional support from National Institute of Dental Research, National Institute of Child Health and Human Development, and National Institute of Neurological Disorders and Stroke. Support is also promised from the National Science Foundation and the Office of Naval Research.

In addition to federal government support, numerous corporations and companies with interests in the chemical senses have also contributed. These include the AChemS Awards sponsors and industrial members listed in the directory, and other supporters whose generous donations will be individually acknowledged at the

meeting and in the Program. We welcome additional support at any time! With the support already committed, including expected registration receipts, we will be able to pay most of the expenses for symposium participants from overseas, and for distinguished speakers contributing significant perspective from outside the chemical senses field who would not otherwise be able to participate. We still hope to provide some support for the many distinguished invited-symposium speakers who are domestic AChemS members and who made commitments to participate without promises of financial support. Additional donations or a record-breaking attendance may make this possible. In any event the executive committee, the conference organizers and all concerned are grateful to these members for their enthusiasm and support.

This, my second, will also be my last newsletter-letter as Executive Chair. It has been and is an honor to serve our Association and you the membership. This unusual year continues to be stimulating and busy, with plenty more to do before July. My efforts to make the AChemS Web pages ever more useful will continue even after that (with all the technical innovation and much of the labor contributed by the indispensable David Lowe). If you have any comments or questions about items in this letter, the newsletter or AChemS business in general, please contact me directly (see below) or through the AChemS general office. I look forward to seeing you in San Diego.

Mike Meredith  
Florida State Univ., Neuroscience  
Program (Campus Drop 4075)  
Tallahassee, FL 32306-4075  
Tel: 904-644-3427  
[mmered@neuro.fsu.edu](mailto:mmered@neuro.fsu.edu)

## ACHEMS LETTER TO NIDCD AND Dr. SNOW'S REPLY

**TO:**

Dr. James B. Snow Jr., Director  
National Institute on Deafness and  
other Communication Disorders  
6120 Executive Boulevard  
Rockville MD 20892

**FROM:**

Michael Meredith, Ph.D.  
Executive Chair, AChemS  
744 Duparc Circle, Tallahassee, FL  
32312-1409

February 2, 1997

Dear Dr. Snow:

I am writing to express the concern of the chemosensory research community about recent changes in RO1 funding at NIDCD, and to ask your help in dispelling rumors that are flying about as to its cause. The sudden change in payline from approximately the 20th percentile to approximately the 12th percentile has caught many scientists unprepared. Of course, we realize that nothing is certain until the Council speaks, but the relatively steady levels of funding throughout previous budget years provided some stability for research planning, whether the funding level were high or low. Now, in mid-year, an apparent policy shift away from basic and academic-clinical research has our community concerned that there is a change in NIDCD's commitment to these fields.

Chemical senses research is felt to be disproportionately vulnerable to adverse changes in payline (although I know of no objective evidence for this view). Nevertheless, a shift in funding could discourage research in chemical senses if it is seen as a decreased commitment to the field. I believe that AChemS members, and the chemosensory research community at large, would appreciate any information you could give on the economic and political necessities underlying the shift in policy and, most particularly, the

prospects for the future. We would be happy to include any information you could give in the AChemS Spring Newsletter, which will be published and sent to all members in early Spring 1997.

As always we hope that you will be able to attend the AChemS meeting, which this year is in combination with ISOT in July, and, as always, we appreciate your support of chemical senses research.

Sincerely,  
Michael Meredith  
Executive Chair, AChemS

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### Dr. SNOW'S REPLY

**TO:**

Michael Meredith, Ph.D.  
Executive Chair, AChemS  
744 Duparc Circle, Tallahassee, FL  
32312-1409

**FROM:**

James B. Snow, Jr., M.D.  
Department of Health and Human  
Services  
National Institute on Deafness and  
Other Communication Disorders  
Bethesda, MD 20892

February 21, 1997

Dear Dr. Meredith:

Thank you for your letter of February 7, 1997 regarding the change in the automatic payline from the 20th percentile at the October 1996 National Advisory Council to the percentile of 12.1 at the January 1997 Council. This change resulted from the unusually large number of grants between the 0 and 20th percentile at the January Council (actually 42 compared to 32 in October 1996) and an 18% increase in the average direct cost of the grants over the average cost in October. The

concurrence of these factors would have placed the automatic payline at the 8th percentile. To improve the automatic payline, I increased the downward reduction from the recommended amount from 10% to 15% for RO1s and from 10% to 20% for program projects and center grants and reduced the Clinical Trials Cooperative Groups cooperative agreements by 20% which allowed us to reach an automatic payline of 12.1 percentile. Additionally, the Council recommended reducing RO1s over \$200,000 direct cost by an additional 5% to a total of 20%.

In FY 1997, \$33.8 million is available for competing grants with which it is estimated that 174 new and competing grants will be awarded, compared to \$30.8 million in FY 1996, with which 163 competing grants were awarded.

In calculating the amount available for each Council cycle, the commitments for carry-over grants, AIDS Research, Requests for Applications and small grants are subtracted. Approximately 33% of the remainder is reserved for each of the three Council cycles. \$9.7 million was available for the October 1996 Council and allowed an automatic payline at the 20th percentile, funding 32 grants, and another 9 were funded through designation by the Council as high program priority. \$9.663 million was available for the January 1997 Council, and a like amount will be available for the May 1997 Council.

Does the concurrence of an unusually large number of grants within the 20th percentile and an 18% increase in their average cost represent a chance occurrence or a trend? The unusually large number of grants within the 20<sup>th</sup> percentile means that, at this round, scientists whose applications are assigned to the NIDCD are competing more effectively with those whose applications are assigned to other institutes.

Although the difference between the 12th and 20th percentiles is substantial, the difference in the number of grants encompassed in the automatic payline is five: 27 in January versus 32 in October. This is little consolation for the outstanding scientists whose applications fell between the 12th and 20th percentiles, of which only some will be paid through designation of their applications by the Council as high program priority.

Our concern is further heightened by the fact that approximately 25% more applications will be before the May Council than there were in October or January.

A natural concern has arisen about the payment of the two cooperative clinical trials at the October Council and the effect of that payment on the January Council. Those grants were paid as part of a Request for Applications (RFAs) and, therefore, were taken out

of the total amount available for competing grants in FY 1997. They were not taken out of any particular Council's available funds. This is the standard NIDCD practice for paying RFAs.

Although I anticipate that the automatic payline will return in May closer to the 20th percentile, if it does not, we will have to consider new ways to make the available money support in part as much science as possible.

Let me assure you that there has been no shift in the NIDCD's commitment to investigator initiated basic and clinical research. Approximately 81% of the NIDCD budget supports Research Grants compared to the trans-NIH average of 69%. The proportion of the NIDCD expenditure for research and training for FY 1996 was 9.5% in the sense of smell and 6% in the sense of taste which is essentially unchanged compared to the last seven years. This distribution results from the

competition among grants in peer review on the basis of scientific merit and does not represent an allocation. I do not have evidence that chemical senses research is disproportionately vulnerable to adverse changes in the automatic payline.

I would be pleased if you would distribute this letter along with your letter to the members of AChemS or publish them in the AChemS Newsletter if this will occur soon enough to get the information out in a timely fashion.

Thank you for sharing your concerns with me and allowing me to share mine with you.

With best regards.

Sincerely,

James B. Snow, Jr., M.D.

Director, National Institute on Deafness and Other Communication Disorders

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## *Minutes of the Fall Meeting of the AChemS Executive Committee, November, 17, 1996, at the Annual Meeting of the Society for Neuroscience, Washington, D.C.*

### MEETING BEGAN AT 11:15 AM

**Present:** Michael Meredith, Judith Van Houten, Thomas Scott, Charles Greer, Richard Costanzo, Kathryn Hamilton, Sarah Pixley, Marilyn Getchell, Gail Burd, Claire Murphy.

### Executive Chair's Report (Michael Meredith):

The proposed budget covering income and expenditures associated with the upcoming ISOT meeting was approved by the executive committee by e-mail conference prior to the meeting in Washington. That budget included pending grant applications from NIH, the Navy and NSF. We do not yet have information on the success of the applications. The budget allocates

funds to each AChemS officer for a defined set of expenditures related to the meeting but generally leaves it up to the individuals to use the funds in the most efficient way to get the assigned jobs done. We will reassess the situation when we have final word on grant funds, hopefully in March 1997 (3/97). Latest information from all forms of support is that funds for symposia will exceed the estimates used in the initial budgeting process. This will permit us to reimburse a greater proportion of speakers' expenses). There are some unexpended funds from previous years that have to be expended for designated purposes - for example to support meeting attendance by members of under-represented minorities. These funds

will be added to those allocated for the same purpose in the latest budget.

Panacea Associates has obtained a charge card account through a Florida bank that will allow members to pay meeting registration for the ISOT meeting. This requires a monthly fee and a 2.25% charge for transactions. The question was raised as to whether or not AChemS should also accept credit card payment for membership dues. Accepting credit cards costs AChemS money and effectively lowers the already low membership fee. However, it makes it easier to pay dues, especially for overseas members. **The Executive committee voted unanimously to accept credit card payment for**

### **membership dues.**

The Fall 1996 Newsletter will go out either the week of November 17th or one-week later. It will be sent out first class because of the delay in preparation.

**FEDERAL EMPLOYEES:** Mike Meredith received a request that AChemS waive registration fees for those Federal employees who deal with overseeing grants. These people perform very valuable services for AChemS members and their presence at meetings is significant both scientifically and through assistance to members. They are having difficulties obtaining governmental funding to attend the meetings. After general discussion, **the Executive Committee unanimously passed the following proposal: Individuals who are federal officers/employees who are essentially doing a service to AChemS or its members will automatically receive waivers of registration on request if they are themselves AChemS members.** Others in the same category who are not members may receive waivers of registration fees on request, at the discretion of the Program Chair and depending on the availability of funds. The Program Chair, who will have a specific budget for this item, will make decisions on suitability of waivers and report assignment of waivers to the Treasurer. For the upcoming ISOT meeting it is estimated that AChemS may be able to grant approximately 5 waivers. To receive waivers, individuals must submit a request to the Program Chair.

**AWARDS:** The Executive Committee unanimously voted a new policy, **that the Executive Chair Elect (currently Thomas Scott) will automatically be the Awards Coordinator.** This policy introduces the chair elect to AChemS awards sponsors and to the award process. The policy will begin this year. The Awards Coordinator deals with all awards

presented to AChemS members. Thomas Scott announced that the Awards Committee members will be: Albert Farbman, Beverly Cowart and Dick Doty (continuing from previous year) and an additional, to be chosen by Tom Scott (Update: Dr. Doty withdrew from the committee. Bill Cain and Randy Reed were added).

There has been a name change for the Freeman Award. The Freeman Award will now be titled: The IFF Award for Innovative Research. This award will provide \$5,000 to the awardee and a contribution to AChemS towards the cost of the award ceremony. Details will be forthcoming later. **In regard to the Tucker Award, the Executive Committee felt that current application procedure was too informal. It was agreed that there will now be a formal application that requires a submitted abstract and a letter of nomination from a Regular member of AChemS.** This nomination notice will be placed in the call for Abstracts, as for the Student travel notice. This policy will be in effect for the 1998 meeting.

**COMMITTEES:** Diego Restrepo is running the Minority Fellowship Program, while April Mott is running the Clinical Fellowship Program. Grant Dubois is the Industry Committee Chair. Mike Meredith has asked Ralph Norgren to be the Associate Chair for this committee, assisting Grant. Ralph Norgren has accepted and will assist with generating and implementing ideas for further meetings. He and Grant will talk to industrial people about what we can do for them. Several ideas were discussed. The first was to have workshops at the meeting in the form of tutorials for industrial members, to keep those members up to date in academic research areas. There is industrial interest in that. Other workshops could specifically target students interested in careers in industry, i.e., by allowing dialogue between students and industrial members. A

third idea was to encourage industrial mentors, and a fourth to establish internship programs for students to spend the summers working in industry. This would allow industrial members to evaluate students, allow the students to find out about working in industry and would increase interactions between industry and academia. It is hoped that Ralph Norgren and Grant Dubois will implement some of these plans, perhaps with assistance from another academic or industrial AChemS member. John Labows has been suggested as an industrial member who has been very active and helpful in placing minority fellows in industry. (Update: Dr. Labows has agreed to work with Grant Dubois and Ralph Norgren on Industry Relations) The Executive Committee felt that it would be best to solicit specific proposals from members for workshops/tutorials. Proposals for these workshops should be submitted to Mike or the Industry Relations Committee. If planning cannot be completed for 1997, then these ideas could be launched at the 20th anniversary celebration in 1998.

### **THE 20TH ANNIVERSARY OF ACHEMS—1978-1998:**

**The Executive Committee voted unanimously to officially commission Max Mozell, the founder of AChemS to write a historical document describing the formation of AChemS and its early history.** This document could be the basis for a presentation by Max Mozell as part of a celebration of the 20th Anniversary. If it would be possible to obtain a draft of this document by around December of 1997, it could be used by the planning committee to arrange an appropriate forum for the celebration at the meeting. Appropriate means for publication of the complete document will also be considered. The Executive Committee should in the future elect a committee to plan and implement an appropriate celebration for the Anniversary. One idea suggested

was a formal assessment of the state of the science in the chemical senses. If appropriate, we might approach Chemical Senses for submission of the proceedings as a special issue.

**DUES INCREASE FOR 1998:** At the Spring 1996 Executive Committee meeting, the conference registration fees for the 1998 Annual Meeting were set at \$150 for regular members, \$55 for student members, \$55 for accompanying guests, and \$185 for regular non-members. Because these rates (especially for students and guests) do not cover the per person cost of the meeting and because membership dues barely cover the cost of mailing newsletters, calls for abstracts and notices, further raises in conference fees and a \$25 raise in membership dues were proposed. After discussion of the need for an adequate reserve to cover disasters (canceled meeting, withdrawal of outside support) the proposal failed. The issue was tabled for further discussion later.

**WWW EFFORTS:** According to the AChemS bylaws, AChemS must publish information about Training Programs in the chemical senses. **The Executive Committee passed a motion that the Councilors will be in charge of soliciting and gathering information about training programs and that they will decide what constitutes an official training program that AChemS will formally advertise.** Directors of such programs should contact the AChemS councilors with details of their offerings. Because of the potentially large number of programs, these programs will be advertised in the future on the World Wide Web site, rather than in the Directory. **The Executive Committee then voted unanimously to designate Mike Meredith as the official overseer of the Web site (Web Chair / Coordinator / Master).** He will make all decisions on the content of the Web site, with the exception of

the training programs as noted above. Mike was asked to prepare a budget estimate for expenses related to the Web site so that the Executive Committee can vote on it at the next meeting and then have this as a line item in the budget. If anyone has ideas for items for the WWW, they should submit them to Mike Meredith. Proposals for including basic information about the chemical senses, to be solicited from AChemS experts in various fields are described in the Executive Chair's letter to the membership included in the Fall '96 Newsletter. These proposals include all matters other than chemical senses disorders and treatments. These clinical subjects are better handled by links to the Clinical Centers specifically set up to undertake research and treatment of these conditions. Such links should be limited to the centers supported by NIH explicitly for treatment of chemosensory disorders. These centers compete for support and are reviewed by NIH and can thus be expected to be thoroughly up to date on current methods for effective treatments. Although other centers and clinics may be equally or more effective, AChemS has no way of evaluating them.

The NIH grant that provides funding to AChemS is now in its 4th year. The next deadline for resubmission is presumed to be July 1, 1998. The PI for the renewal is not yet decided, but Barry Ache will be asked to continue as PI. This will provide funding as of July 1998 (i.e., for the 1999 meeting).

Communication Awareness Day (CAD) organized by the Friends of DCD, will be February 26, 1997. AChemS contributes \$1,000 to this after receiving an invoice from the person in charge (Update: CAD was canceled again).

**Secretary's Report**  
**(Sarah Pixley):**

The secretary will keep a detailed log of current policies and updates that occur during meetings. This will be separate from the Newsletters and will provide

information for the incoming chair. This log will include the policies that have been voted in the Executive Committee meetings, with references back to the meeting where it was decided.

**Treasurer's Report**  
**(Kathryn Hamilton):**

The budget for this fiscal year has been extended by one month to include ISOT income and expenses. With current assumptions, AChemS could see a net gain of ~\$14,000 following ISOT. This projection assumes that two ISOT grants will be funded at ~50%. It also incorporates other assumptions listed in Mike Meredith's budget for the ISOT meeting (reviewed and approved by the Executive Committee). Due to these assumptions, the projected gain for the 13 month fiscal year might be optimistic.

Income Tax forms, except for Form-1099s, were filed on line. The 1099 forms must be filed according to the calendar year and must include final reports from the Chemical Senses editors. Oxford University Press (OUP) is considering taking over these editorial expenses, which will eliminate the need to file 1099 forms for the editors in future years. The Committee felt that this would be preferable. (Update: 1099's were filed on time).

The Treasurer again stressed the importance of obtaining receipts for reimbursement of travel expenses and supplies. **Email requests are not acceptable.**

AChemS routinely sets aside (encumbers) funds for travel to ECRO. The current policy is that these funds are specifically for travel by AChemS members to attend ECRO meetings. Currently, \$2,000 is available from previous budgets. **The Executive Committee unanimously voted to use this money to fund travel to ISOT by ECRO members who are speakers.** If there are no 1997 ECRO expenses, the funds will instead be encumbered for the next ECRO meeting. A call for ECRO

Travel Fellowships will be placed in the fall 1997 Newsletter. An encumbrance of \$1,000 will also be made this year and in subsequent years for the next ISOT meeting.

The University of Florida has indicated that AChemS might need to obtain an independent audit of the current NIH grant, to comply with federal regulations for subcontractors receiving more than \$25,000 per year. The Executive Committee voted that Kathy Hamilton and Mike Meredith should investigate further the details of this requirement, the history of the subcontract with the University of Florida, and the specific legalities involved. The desire of the Committee was that AChemS should not pay for an independent audit this fiscal year unless it is necessary. Although an independent audit is desirable, this year's budget is complicated by ISOT and publication of income and expense reports in the newsletters provides the membership with an accounting of the association's use of funds. (Update: A \$2,000 estimate for the cost of an independent audit was obtained, but it does not appear that an audit will be necessary this year).

#### Membership Report (Richard Costanzo):

As of November 7, 1996 AChemS had 601 paid members. This includes 481 regular, 115 student, 2 emeritus, and 3 corporate members. Registration for the 1996 meeting was 539. Travel Awards: Rich was commissioned by the Executive Committee to do an analysis of the Travel awardees to determine if students who received awards were retained as AChemS members. Of the 80 students awarded Travel funds in 1989 and 1990 (combined), 41% of them are members, (36% became regular members while 5% are student members). The number of student members in AChemS is growing: in 1986, 33 (9%) of all AChemS members were students, while in 1996, that number is 115 (20%). Rich has completed an analysis of

all membership statistics available from the beginning of AChemS (see graph at end of this report). Several time points are missing due to incomplete records. Rich suggested that the official membership count should take place at the end of December (the end of the membership year) and that we continue to maintain records on meeting registration, dues payment and membership numbers for each category (student, regular, corporate, etc.)

Rich noted that the AChemS home page includes membership information, application and renewal forms and an on line membership directory listing.

The meeting was adjourned, and reconvened Monday, Nov. 18, 1996, at 7:30 am at the Convention Hall.

#### Councilor's Report (Marilyn Getchell):

The form for requesting Student Travel Awards is in the Newsletter. A problem with the student awards is that after requesting a certain airfare, some are able to get a cheaper rate, i.e., by driving. It is impractical for the councilors to attempt to collect receipts for all expenditures because of the mechanics of the meeting. We will just have to rely on the honesty of the students and their advisors and ask that they claim only their exact expenses. A decision was made to claim only the corrected amount of the airfare. For ISOT, we have \$12,950 for student travel expenses (including donations) and an undetermined number of free rooms that the hotel will grant based on the number purchased. Another \$4,000 has been allocated for student rooms if we need it. If this latter amount is not needed for student rooms, it can be channeled back to the general meeting funds.

#### ISOT Report (Claire Murphy):

The Call for Abstracts and hotel brochures were sent out to ECRO and JASTS members and will be out shortly to US members.

Funding plans for ISOT are on track. Two grant applications were submitted, one to NIA and one to NIDCD. The reviews are favorable and they are likely to be funded. The exact amounts funded are not known yet. Claire has conservatively estimated these funds at around 30-35K (see Chair's report also - Update: current estimates are considerably higher).

Estimates of costs for speakers' expenses: We have 96 invited chairs and speakers for symposia. Industrial funds will support two of the symposia. A third will receive funding from the U.S. Department of Defense. The remaining speaker support must come from the existing NIDCD grant (Ache) and the two submissions, specifically for this meeting, to NIDCD (Meredith) and NIA (Murphy). Various combinations of support for registration and/or hotel expenses and/or airfare were discussed. Among the invited speakers are 25 foreign speakers and 11 speakers from outside the field. The letter sent to symposium chairs gives this scenario: that we will pay the registration for all and the hotel fees for international speakers. Letters to all speakers state that we hope to pay their registration, and to international speakers and those outside the field, that we also hope to pay their hotel fees. First to be considered for airfare would be those outside the field, since it is difficult to ask them to participate without support. If we are fortunate with all of the grants and with industrial support, this situation will improve.

Claire has drafted letters to industrial groups requesting funds and participation. These letters include the history and purpose of ISOT, etc. If anyone has ideas on inviting industrial participation in funding the meeting, please contact Claire Murphy.

Mailings of Calls for Abstracts/ISOT Information sent out from San Diego now have non-profit status for 12 cents per mailing. If anyone not on the various membership lists should get

one, please notify Claire. There is also a web site for ISOT. The address is in the ISOT information mailed to members and it is accessible from the AChemS website (see front page).

The actual symposia on the Call for Abstracts are organized and have invited speakers. Others have no chair or title, but will be assembled from the volunteer abstracts. Various people have suggested symposia after the program was organized, or which duplicated a symposium already planned. Claire has suggested that people can submit papers together so they can be considered for presentation as a group. Volunteer papers will be flooding in soon, so we will undoubtedly have double

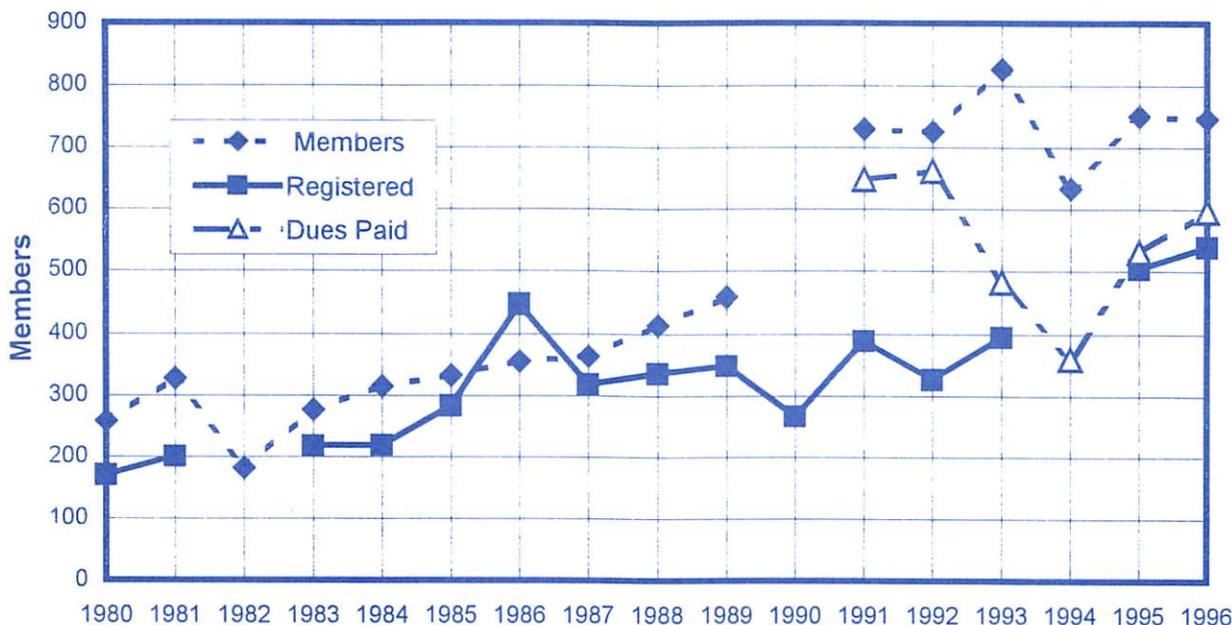
sessions. The meeting begins Monday evening and runs through Saturday night. So many people will stay over Saturday night to get cheaper airfares and will stay to Sunday morning. Included are special events, including a clinical luncheon and industrial dinner and a Banquet in the Crown room. The opening buffet will be outdoors on the Promenade deck, but we will also have access to the presidential ballroom. The industrial functions are evolving.

**ACHEMS' FISCAL YEAR**  
**(+ISOT) BUDGET**  
**(Kathryn Hamilton):**

The budget (next page) lists estimated income and expenses for the 1996-1997 fiscal year and for

ISOT 1997 (from budget approved by Executive Comm., Nov. 1996). The estimates are subdivided according to whether the income and expenses will occur during the fiscal year or after July 1, 1997, in association with ISOT. The estimated income includes two new ISOT grants that will presumably be funded at the 50% level. Transactions in parentheses are encumbrances to reserve funds for specific purposes. For example, the first encumbrance for ISOT 2001 will occur during this fiscal year. The budget projects a net gain of \$19,794 following ISOT 1997. (At closing on 3/31/97, AChemS had \$165,415.23 in cash assets).

**ACHemS' Membership, 1980-Present**



## Budget for AChemS' 1996-1997 Fiscal Year and ISOT 1997

<u>Income</u>	July '96-June '97	~July '97	July '96~July '97
Membership			
<i>Academic members</i>	\$23,000	\$0	
<i>Corporate members (Firmenich, Olfactory Research Fund)</i>	\$4,000	\$0	
Membership subtotal			\$27,000
AChemS' grant from NIH (B. Ache, P.I.)			
<i>Symposia &amp; educational outreach</i>	\$24,270	\$1,160	
<i>Minority &amp; clinical supplements (including previous years' balance)</i>	\$20,688	\$0	
<i>Encumbered funds (from '95-'96)</i>	(\$2,692)	(\$0)	
AChemS' NIH grant subtotal			\$48,810
ISOT grants (pending), donations, and refunds			
<i>NIH grant (M. Meredith, P.I.)</i>	\$25,000	\$0	
<i>NIA grant (C. Murphy, P.I.)</i>	\$25,000	\$0	
<i>Donations &amp; hotel refund (including \$5,700 from '95-'96)</i>	(\$5,700)	\$2,750	
ISOT grants, donations, refunds subtotal			\$58,450
Conference income			
<i>Conference fees</i>	\$86,800	\$80,527	
<i>Function tickets &amp; sales (social, clinical lunch, industrial reception, books, etc.)</i>	\$0	\$5,435	
<i>Reimbursement of '96 expenses</i>	\$962	\$0	
Conference income subtotal			\$173,724
Other income			
<i>Awards &amp; lectures (Ajinomoto, Givaudan, IFF, Moskowitz-Jacobs, Takasago)</i>	\$9,500	\$0	
<i>ECRO encumbrance (from previous years)</i>	(\$2,000)	(\$0)	
<i>Chemical Senses subscriptions (for Oxford University Press)</i>	\$23,485	\$0	
<i>Miscellaneous income (interest &amp; other refunds)</i>	\$1,700	\$90	
Other income subtotal			\$36,775
<b>Total income (including reserves)</b>			<b>\$344,759</b>

<u>Expenses</u>	July '96-June '97	~July '97	July '96~July '97
Membership			
<i>Panacea Associates fees (less \$1,350 allocated to AChemS' NIH grant)</i>	\$20,650	\$0	
<i>Panacea Associates expenses (communication, newsletters, supplies)</i>	\$9,000	\$0	
<i>Executive Board expenses (communication, Oct lunch meeting, WWW site)</i>	\$2,000	\$0	
<i>Banking &amp; legal fees</i>	\$450	\$0	
<i>Communication Awareness Day</i>	(\$1,000)	\$0	
Membership subtotal			\$33,100
AChemS' NIH grant for symposia and fellows			
<i>Symposia &amp; educational outreach (speaker &amp; guest expenses, AV, page charges)</i>	\$5,500	\$14,894	
<i>Encumbrance for symposia (to carry forward)</i>	(\$7,728)	(\$0)	
<i>Minority &amp; clinical fellows programs</i>	\$1,869	\$18,819	
<i>Encumbrance for fellows (to carry forward)</i>	(\$0)	(\$0)	
AChemS' NIH grant subtotal			\$48,810
ISOT grants (pending) and donations			
<i>NIH program (communication, ads, speaker expenses, AV)</i>	\$0	\$25,000	
<i>NIA program (communication, ads, speaker expenses, AV)</i>	\$0	\$25,000	
<i>Additional speakers costs (funded by ISOT donations)</i>	\$0	\$3,000	
<i>Student travel &amp; housing awards (funded by ISOT donations)</i>	\$0	\$2,950	
ISOT grants, donations, awards subtotal			\$55,950
Conference expenses			
<i>Program (ISOT printing &amp; mailing, abstracts, programs, helpers, AV, hotel costs)</i>	\$18,500	\$103,790	
<i>Executive board expenses (ads, WWW site, on-site lunch meetings &amp; expenses)</i>	\$2,900	\$5,030	
<i>Functions &amp; sale items (social, clinical lunch, industrial reception, AV, books, etc.)</i>	\$0	\$6,100	
<i>Student travel &amp; housing awards (funded by AChemS)</i>	\$0	\$14,000	
Conference expenses subtotal			\$150,320
Other expenses			
<i>Awards &amp; lectures (Ajinomoto, Givaudan, IFF, Tucker awards &amp; expenses, AV)</i>	\$0	\$10,300	
<i>ECRO encumbrance (to carry forward)</i>	(\$2,000)	(\$0)	
<i>ISOT encumbrance (to carry forward)</i>	(\$1,000)	(\$0)	
<i>Oxford University Press (Chemical Senses subscriptions)</i>	\$23,485	\$0	
Other expenses subtotal			\$36,785
<b>Total expenses (including encumbrances)</b>			<b>\$324,965</b>

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## ITEMS OF SPECIAL NOTE:

### A PRESIDENT FOR ACHEMS?

Executive Chair Elect, Tom Scott, and I plan to propose a change in title for the Association's Chief Executive Officer (CEO); from "Executive Chairperson" to "President". This would bring us into alignment with our sister organizations, ECRO and JASTS, as well as most other US professional associations. It is not always clear in dealings with other organizations, including commercial corporations, that the Executive Chairperson is in fact the CEO of the Association. The proposed change of title would make new contacts easier and more effective for AChemS; it would take effect with the CEO term of office beginning in 1998 to ensure current officers have no conflict of interest. The proposed change is an amendment to the bylaws and requires a vote by members at the annual business meeting. We propose to introduce this amendment at the 1997 business meeting in San Diego. If approved by the membership, one of the two nominees for the office listed on the current ballot as "Executive Chairperson Elect", and whose biographical details are included in this newsletter, would become "President Elect" and would assume office as the first AChemS CEO with the title "President" at the conclusion of the annual meeting in 1998. To ensure that all members have an adequate notice of the proposed change and to give each an opportunity to express an opinion, a section of the election ballot requests a vote for or against the title change. Although the by-law change must be voted on at the annual meeting, the opinions of the membership at large will carry weight with attendees proportional to the numbers voting on the ballot.

### MANDATORY SUBSCRIPTION TO CHEMICAL SENSES?

The agreement between AChemS and Oxford University Press (OUP), by which subscription to "Chemical Senses" at a dramatically reduced rate was included in AChemS membership, is due to expire in December 1997. It appears that the mandatory subscription policy has gained us some members and lost us others. For example, postdocs are unhappy at the extra cost of membership and some members, even those that consider the journal worth the cost, do not like to be coerced. On the other hand some members are delighted to have reduced cost access to a specialty journal, and the wider readership may encourage more submissions by members.

As we approach the negotiations for an extension of the OUP agreement, we need a better reading of how satisfied members are with the current arrangement. The OUP agreement will be discussed at the annual business meeting in San Diego but a poll in this newsletter (on the election ballot) allows you to express your opinion now.

### INDUSTRY/ACADEMIC INTERFACE

The Industry Relations Committee, Grant Dubois, John Labows and Ralph Norgren, have begun the process of strengthening the industry/academic interface within the chemical senses community. These efforts include promoting greater interchange between industry and academic scientists, allowing each to benefit from the experience and expertise of the other, and new opportunities for academically trained students and postdocs to explore possible careers in industry. **Three recent initiatives directed at this goal are:**

- 1. An Industrial Symposium at the ISOT meeting entitled "Use of Olfactive Science in Fragrance Creation"** with presentations given on research/applications from industrial labs (scheduled for Friday morning).
- 2. An hour session at ISOT for one-on one discussions between industry representatives and graduate students/postdoctoral fellows on possible career opportunities** in companies whose businesses are impacted by the chemical senses. This could include what skills are required, what is expected in an industrial setting/consumer market, etc. This session will be immediately before the Industry Dinner (Wednesday afternoon).
- 3. Creation of a list of individuals active in industry willing to serve as "mentors" for students**, including being available for discussions by phone or e-mail, and possibly for 1-2 day externships.

Several industry scientists have agreed to participate in numbers 2 and 3 above and their names will be available at the meeting and, on request, through the AChemS Web page. If there are additional industry scientists willing to participate in the discussions at ISOT and/or to serve as mentors on an ongoing basis, please contact John Labows via e-mail at <John\_Labows@colpal.com>.

Other initiatives that are in an exploratory phase include internships at industry labs for students or postdocs considering a career in industry. An internship in the summer or at other times allows students to discover if they are comfortable in the commercial setting, and allows companies to evaluate potential employees without an ongoing commitment, in addition to the work and ideas the students contribute. Industry representatives interested in shepherding an intern-program proposal through their company hierarchy should contact John Labows or Mike Meredith.

Proposals of suitable topics for workshops at future AChemS meetings, involving interchanges between industry and academic scientists, will be solicited at the ISOT industrial dinner. Topics might include emerging techniques with possible future commercial application, or the types of research that could provide critically important data but are too long term to be undertaken by an individual company. Additional suggestions may be communicated directly to the Industry Relations Committee.

## CANDIDATES FOR ACHEMS OFFICES

### EXECUTIVE CHAIRPERSON ELECT:

#### **Charles A. Greer, Ph.D.**

Education and Training: B.A. in psychology from Univ. of Colorado at Colorado Springs in 1973; Ph.D. in neurosciences from Univ. of Colorado at Boulder in 1978; postdoctoral work in the Section of Neurobiology at Yale Univ. School of Medicine. Current position: Associate Professor with tenure in Neurosurgery and Neurobiology, Yale Univ. School of Medicine; Director of Research in Neurosurgery; Director of the Yale Interdepartmental Neuroscience Graduate Training Program. AChemS Offices: Secretary and currently Program Chair for the AChemS meeting in ISOT July 1997. Honors: Sensory Disorders and Language Study Section member from 1991 - 1995. Research Interests: Determinants of axon pathfinding and organization of primary afferent and intrinsic synaptic circuits in the olfactory system.

#### **David Hill, Ph.D.**

Education and Training: B.S. in psychology and Zoology from Western Illinois Univ. in 1975; M.S. (1978) and Ph.D. (1979) in experimental psychology from Ohio Univ.; postdoctoral training in sensory physiology at the Univ. of Michigan, 1979-1981. Current Position: Professor, Department of Psychology, University of Virginia. AChemS Offices: Program Chair, 1996. Honors: Ajinomoto Award for Taste Research 1996; NIH Research Career Development Award; Member Sensory Disorders and Language Study Section, 1993-present. Research Interests: neurophysiological, morphological and behavioral development of the gustatory system; environmental and physiological factors affecting the developing and regenerating taste system; salt taste transduction; neural coding of taste information at peripheral and central levels; influences of the taste system on feeding behaviors.

### COUNCILOR:

#### **Timothy A. Gilbertson, Ph.D.**

Education and Training: B.A. in biology and psychology from Univ. of California at San Diego in 1981; M.A. and Ph.D. in neurobiology from the Univ. of California at Davis in 1988 and 1991; Postdoctoral training at Colorado State Univ., 1991-93. Current Position: Assistant Professor, Pennington Biomedical Research Center, Louisiana State Univ. and Adjunct Assistant Professor, Dept. of Zoology and Physiology, LSU from 1993-present. AChemS Offices: Program Committee, 1995, and Election Committee, 1994. Research interests: Investigation of salt taste transduction and its regulation, sensory coding in peripheral taste receptors, and gustatory cues for dietary fat.

#### **Henry Trapido-Rosenthal, Ph.D.**

Education and Training: B.S. from the Univ. of California at San Diego in psychology and biology; Ph.D. from the Univ. of California at Santa Barbara in chemoreception of abalone larval settlement and metamorphosis; postdoctoral work at the Whitney Laboratory of the Univ. of Florida. Summer-long training at the Cold Spring Harbor Lab. Current position: Since 1993 scientist at the Bermuda Biological Station for Research, Inc. Principal investigator of the BBSR NSF-REU program. Research Interests: Spiny lobster olfaction, focusing on perireceptor phenomena responsible for clearing odorants from the receptor environment.

## PROGRAM CHAIRPERSON ELECT

### **Diego Restrepo, Ph.D.**

Education and Training: B.Sc. from the Univ. of British Columbia in Physics in 1980; Ph.D. and postdoctoral work at the Univ. of Rochester in Biophysics, until 1987; Monell Chemical Senses Center 1987-1997. Current position: Associate Professor of Cellular and Structural Biology, Univ. of Colorado Health Sciences Center. AChemS Offices: Chair of AChemS Minority Travel Fellowship Committee 1994-present. Honors: Takasago Award in Olfaction, 1995. Member Editorial Board Membrane Biochemistry, 1990-93; NIH/NIDCD Communication Disorders Review Committee 1995-present. Research Interests: understanding of the peripheral mechanisms of chemosensory transduction using an interdisciplinary approach including biophysics, molecular biology and electrophysiology. Cellular and molecular basis for human olfaction in health and disease.

### **Sue C. Kinnamon, Ph.D.**

Education and training: Ph.D. in neurobiology from Kansas State Univ. in 1982; postdoctoral work at the Univ. of Colorado Health Sciences center. Current position: Associate Professor, Colorado State Univ., Department of Anatomy and Neurobiology, also part of Molecular, Cellular and Integrative Neuroscience Program and Rocky Mountain Taste and Smell Center. AChemS Offices: Nominating committee, Minority Fellowship committee 1995-present, Councilor 1990-92. Research Interests: Mechanisms of chemosensory transduction in taste cells; development and turnover of taste cells; structure and function of taste cells.

## ISOT XII/ACHEM S XIX

Dear Colleagues:

We look forward with pleasure to welcoming you to San Diego for the joint meeting of ISOT XII and AChemS XIX, July 7-12, 1997. Registration in the late afternoon of July 7 will be followed by the Opening Reception/Buffer and the Givaudan Lecture: "Logistics of Brain Development" by Dr. Pasko Rakic. More than 650 abstracts have been received for invited symposium presentations, volunteer slide talks and poster presentations, promising a comprehensive, lively, scientific exchange. A summary of the Program appears below. Late arriving abstracts will be included in an addendum to the program and distributed at the meeting. Plan to stay until Sunday July 13: Symposium talks, slide sessions and poster sessions continue through Saturday evening.

Representatives from the NIH will be mounting two unique workshops designed to inform and stimulate the membership in new directions for funding chemical senses research and training. Dr. Jack Pearl will chair the first event on Tuesday, July 8; and Dr. Rochelle Small the second event on Wednesday, July 9. We are grateful to the NIH for support for invited speakers in the ISOT symposia through NIH Conference Grants. The Olfactory Research Fund is also supporting a special event to promote innovative research. Industrial sponsors provided key support for the conference through awards and gifts. Corporate Sponsors will be announced at the meeting and acknowledged in the program.

To celebrate this international event and to provide a fitting setting in which to present the International Flavors and Fragrances Award for 1997, we plan an elegant evening on Friday night, July 11: a banquet in the Crown Room of the Hotel Del Coronado with music and dancing to the Big Band sounds of the Variations. To receive a banquet ticket with your registration packet, please RSVP on the accompanying reservation form. Partially supported by donations, the banquet is complimentary to registered participants who RSVP. Tickets for spouses and others may be obtained by registering for the meeting as an accompanying person or purchasing a banquet ticket.

Other special events include the Industrial Event, with career mentoring and a dinner, on Wednesday, July 9; and the Clinical Luncheon on Saturday, July 12. In addition to the luncheon meeting, Saturday will include a number of sessions of interest to physicians and those working in medical environments. The University of California, San Diego, School of Medicine is sponsoring ISOT for up to 40 hours in Category 1 CME credit for physicians (See Summary of Program). Friends of Dr. Jacob Steiner will mark his retirement at a dinner with an address by Dr. Steiner on July 8. To reserve space for any of these events, return the Special Event Reservation Form with check.

Rooms with the meeting discount are rapidly filling at the Hotel Del Coronado. If you have not yet made hotel reservations, please call (800 HOTEL DEL) now to avoid disappointment. After June 6, rooms will be on a space-available basis. To book flights at substantial discounts over discounted and regular fares, contact Delta (800 241-6760) and refer to File Number XC415. The Meeting Identifier DMNBJXC415 should appear in the tour code box on all Delta tickets. **Be sure to ask if a companion fare (Buy one, receive one free) applies in your market.** Special meeting discounts have also been arranged with Southwest Airlines. To book flights on Southwest, call the Southwest Meeting Desk (800 433-5368) and refer to the Identifier Code C7897 by June 30. Southwest's popular "Friends Fly Free" Program may be useful for those wishing to assist graduate students' travel. Booking with Meeting Carriers decreases the cost of bringing outside speakers to the meeting through complimentary tickets.

Hertz Car Rental, who has both airport and Hotel Del Coronado locations, is offering meeting rates at all Southern California locations. Rates begin at \$149.99 for a weekly rental. To book, call 800 654-2240, refer to CV#24390 and give the ISOT XII/ACHEM S XIX name and dates. Space is still available in the optional/social activities, but early registration is encouraged. Social Activities Forms should be returned directly to Conference Touring of San Diego.

Childcare at the meeting is available through Tender Loving Care (TLC). If you are interested in group care, please indicate the number of children and their ages and return the form. Brochures describing rates and services may be requested by email: [cmurphy@sunstroke.sdsu.edu](mailto:cmurphy@sunstroke.sdsu.edu). TLC can be reached at (619) 589-0950.

On behalf of Dr. Charles Greer and the other members of the Program Committee, I cordially invite you to participate fully in the meeting. We sincerely hope that you will enjoy a rewarding scientific experience in surroundings conducive to international intellectual exchange.

Best Wishes,

Claire Murphy, Ph.D.  
Chairperson, ISOT XII

# INTERNATIONAL SYMPOSIUM ON OLFACTION AND TASTE XII AND ASSOCIATION FOR CHEMORECEPTION SCIENCES XIX

## SCHEDULE OF EVENTS

### MONDAY, July 7

- 12:30-5:00 pm AChemS Executive Committee Meeting  
1:00-4:00 Education Outreach, Babcock Complex  
4:00 Registration: Grande Hall, Lower Level  
6:00 Minority Fellow Orientation, Grande Hall  
6:30 Opening Reception: Promenade Deck & International Ballroom  
8:00 Welcome, Opening Remarks, Grande Hall, Upper Level  
8:30 Givaudan Lecture: Pasko Rakic: "Logistics of Brain Development" *invited pres?*  
9:30 Organizational Meeting for Graduate Student Travel Awardees  
Optional Social Program 1:00-5:00 pm City Tour with Harbor Cruise

### TUESDAY, July 8

- 8:00 am Symposium: Synaptic Processing of Chemosensory Signals (D. Smith & K. Mori)  
8:00 Symposium: Neuroimaging of Chemosensory Systems in Health & Disease (A. Faurion & R.L. Doty)  
10:15 Symposium: Chemosensory Event-Related Potentials and Related Techniques (G. Kobal)  
10:15 Slide Session: Central Olfactory Anatomy  
Morning Poster Session: Chemosensory Learning, Vomeronasal and Trigeminal, Central Gustatory Organization and Function  
4:00 pm NIH Workshop: Funding Opportunities in Chemosensory Research, Organizer: Jack Pearl  
7:00 Symposium: Taste Transduction: New Molecular and Physiological Insights (S. Kinnamon)  
7:00 Slide Session: Neurogenesis and Cell Death (A. Calof)  
★ Evening Poster Session: Olfactory Development and Plasticity, Odor Perception and Cognition  
7:30 pm Retirement Dinner, Coronet Room  
Optional Social Program 1:00-5:00 pm City Tour with Harbor Cruise  
Optional Social Program 3:30-7:30 pm San Diego Zoo Tour

### WEDNESDAY, July 9

- 8:00 am Symposium: Development of the Olfactory System (P. Brunjes)  
8:00 Slide Session: RROP/PTC Tasting (L. Bartoshuk)  
10:15 Symposium: The Role of Innervation in Induction and Differentiation of Taste Organs (C. M. Mistretta)  
10:30 Symposium: Sensory Evaluation (A. Noble)  
Morning Poster Session: Olfactory Receptor Neuron Structure, Development and Function, Central Olfactory Structure and Function  
— 4:00 pm NIH Workshop: The Review of Chemosensory Research Applications, Organizer: Rochelle Small  
— 5:30 Multi-Center Questionnaire Workshop (R. L. Doty)  
6:00-11:00 Industrial Event (Career Mentoring), Windsor Complex, Organizer: J. Labows  
7:00-11:00 Industrial Dinner, Windsor Complex, Host: J. Labows  
7:00 Symposium: Experience-Induced Changes in Chemosensory Responsiveness (J. Glendenning)  
7:00 Slide Session: Odorant Binding Proteins (R. Steinbrecht and P. Pelosi)  
9:15 Slide Session: Mixtures/Sensory Interactions  
Evening Poster Session: Odor Detection and Transduction, Olfactory Receptor Neuron Physiology  
Optional Social Program 6:00-8:30 pm Evening Dinner Cruise  
2nd Annual Taste vs. Smell Softball Game 1:00-3:30 pm (M. Geisler)

## THURSDAY July 10

- 8:00 am Symposium: Aging and the Chemical Senses (S.S. Schiffman)  
8:00 Slide Session: Central Gustatory Organization and Function  
9:45 Slide Session: Olfactory Receptor Function, Development and Central Neurogenesis  
10:15 Symposium: Odor Memory (C. Murphy and R. Hudson)  
Morning Poster Session: Feeding Behavior, Vomeronasal Receptor Structure, Olfactory Receptor Neurons: Ion Channels, Neuron Modeling and Database Development  
1:00 pm Symposium: Umami: Taste Perception, Nutrition and Central Mechanisms (K. Kurihara and G.K. Beauchamp)  
4:30 Olfactory Research Fund Event: Stimulating Innovation in Research. Organizer: A. Gilbert, Duchess of Windsor Cottage  
7:00 Symposium: Genetic Approaches to Olfactory Receptor Function (C. Bargmann)  
7:00 Slide Session: Chemosensory Perception and Cognition  
Evening Poster Session: Taste: Plasticity and Mechanisms of Transduction, Taste: Flavor, Mixtures, Astringency, Central Olfactory Structure, Function and Pharmacology.  
Optional Social Programs: 1:00-4:30 pm La Jolla Tour; 5:00-10:30 pm Sea World Tour

## FRIDAY July 11

- 8:00 am Symposium: Mechanisms of Sensory Transduction: Olfaction (S. Firestein)  
8:00 Slide Session: Brain Potentials and Neuroimaging of Chemosensory Systems  
10:15 Symposium: The Science Behind Fragrance Creation (J. Labows)  
Morning Poster Session: Gustatory Receptor Function and Genetic Expression, Psychophysical Methods, Irritants, Aging and the Chemical Senses, Human Olfaction and Taste: Imaging, Electrophysiological Response, Olfactometers.  
Artificial Noses  
12:30-2:30 ICOT Board Meeting  
3:30 pm ACHEM S Awards Symposium (T. Scott)  
6:30 pm International Flavors and Fragrances Award Presentation (by C. Warren) at the Conference Banquet.  
Big Band Music, The Crown Room, Hotel Del Coronado

## SATURDAY July 12

- 8:00 am Symposium: Molecular Neuropathology of the Human Olfactory System (B. Talamo)  
8:00 Slide Session: Gustatory Function  
10:15 Symposium: Clinical Disorders in the Chemical Senses (T. M. Davidson)  
11:45-2:00 Clinical Luncheon-Windsor Cottage (D. Leopold)  
Morning Poster Session: Taste Transduction, Olfactory Receptor Neurons: Odor Processing, Physiology and Gene Expression  
2:00 pm Symposium: Pheromone Communication and Interaction with Hormones (M. Meredith)  
4:30 Association for Chemoreception Sciences Business Meeting  
7:00 Symposium: Odorant Encoding by Distributed Parallel Processing (J. Kauer)  
Evening Poster Session: Gustatory Measures, Taste and Olfaction: Clinical, Gustatory Organization  
Optional Social Program 4:00-9:00 pm Tijuana Dinner Tour

## SUNDAY July 13

- Optional Social Programs: 7:00 am-8:00 pm Disneyland  
Optional Social Programs: 7:00 am-8:00 pm Universal Studios Tour

Morning posters will be mounted by 8 am and left in place until 2-3 pm; evening posters will be mounted by 4 pm and removed by 7:30 the next morning.

CME Credit: The University of California, San Diego, School of Medicine designates this educational activity for up to 40 hours in Category 1 credit towards the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity. The University of California, San Diego, School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

*Get News*

# ISOT SPECIAL EVENT RESERVATION FORM

Registrant's Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip, Country \_\_\_\_\_ s

Phone \_\_\_\_\_ FAX \_\_\_\_\_ email \_\_\_\_\_

*RSVP:* I do \_\_\_\_\_ do not \_\_\_\_\_ plan to attend the Banquet.

### I Wish to Reserve the Following:

No. of Tickets	Amount	
_____ Industrial Dinner Event @ \$48.00		\$ _____
_____ Retirement Dinner @ \$48.00		\$ _____
_____ Banquet Tickets for Accompanying Persons @ \$60.00		\$ _____

(A cash bar will be available at Dinner Events.)

Clinical Luncheon @ \$29.95, Choice of:

\_\_\_\_\_ Broiled Salmon Filet, Mustard and Grape Sauce \$ \_\_\_\_\_

\_\_\_\_\_ Marinated, Grilled Chicken Breast, Kiwi Orange Relish \$ \_\_\_\_\_

(Luncheon Entrees include choice of Soup or Salad and Dessert, as well as Seasonal Vegetables, Homemade Rolls, Coffee, Decaffeinated Coffee, Hot Tea and Iced Tea.)

TOTAL AMOUNT ENCLOSED \* \$ \_\_\_\_\_

\*Enclose check in U.S. dollars made payable to AChemS XIX.

**Reservation Form should arrive by June 20 at:**

Panacea/AChemS Central Office  
744 Duparc Circle  
Tallahassee FL 32312-1409.

Child Care  
I wish to receive a Child Care Brochure \_\_\_\_\_

I am interested in Group Care for \_\_\_\_\_ Child(ren), ages: #1 \_\_\_\_\_ #2 \_\_\_\_\_ #3 \_\_\_\_\_

## **FUNDING OPPORTUNITIES IN CHEMOSENSORY RESEARCH**

### **ISOT PANEL DISCUSSION**

*Tuesday, 4-6 p.m. July 8, 1997*

Representatives from federal funding organizations, such as NIH, and members of the chemosensory community will discuss funding mechanisms and opportunities in chemosensory research. Programs that help individuals improve their fundability, such as fellowships, sabbaticals and mentoring will also be detailed. Speakers will provide four minute presentations that include details on how and when interested individuals may obtain additional information at ISOT. Presentations will be followed by an open question and discussion period. World Wide Web access to these and other funding opportunities will be described and a computer will be available on site.

**Organizer:** Jack Pearl, National Institute on Deafness and Other Communication Disorders (NIDCD), NIH

- Overview: NIH and other federal funding agencies
- NIDCD support of olfactory research; program priority areas
- Chemosensory epidemiological research
- National Institute on Aging (NIA)
- DARPA (Defense Advanced Research Project Agency)
- Department of Defense (DOD)
- International funding opportunities
- Sabbaticals and other extended research sojourns
- European Center for Chemical Senses
- Industrial support
- Human brain project: What it can do for the chemosenses
- Fellowships
- Mentorship program of AChemS
- Access to funding opportunities through the Web
- Concluding remarks

Jack Pearl, NIDCD, NIH  
Rochelle Small, NIDCD, NIH  
Howard Hoffman, NIDCD, NIH  
Judith Finkelstein, NIA, NIH  
Regina Dugan, DARPA  
John Kauer, Tufts Univ. Medical School  
Charles Wysocki, Monell Chemical Senses Center  
Ralph Norgren, Coll. of Med., The Penn. State Univ.  
Ralph Norgren, Coll. of Med., The Penn. State Univ.  
Gary Beachamp, Monell Chemical Senses Center  
Gordon Shepherd, Yale Univ. School of Med.  
Claire Murphy, San Diego State Univ.  
Judith Van Houten, Univ. of Vermont  
Charles Greer, Yale Univ. School of Medicine  
Jack Pearl, NIDCD, NIH

## **THE REVIEW OF CHEMOSENSORY RESEARCH APPLICATIONS**

### **ISOT WORKSHOP**

*Wednesday, 4-5:30 p.m. July 9, 1997*

Representatives from the Division of Research Grants (NIH), members of review panels, and program staff will discuss aspects of grant submission, assignment and review procedures and criteria. The workshop is intended to provide information and answer questions that will assist in making application to federal funding agencies.

**Organizer:** Rochelle Small, National Institute on Deafness and Other Communication Disorders (NIDCD), NIH

For more details, contact Rochelle Small, NIDCD, NIH.  
Tel: (301) 402-3464; FAX: (301) 402-6251; email: rochelle\_small@nih.gov.

## **20TH ANNIVERSARY OF ACHEMS, 1998**

### **It is not too early to think about 1998!**

There will not be another newsletter until next fall, so the Program Committee invites you now to send in your suggestions for symposia and workshops for the 20th Anniversary Meeting of AChemS, April 1998.

Send your ideas via US mail or email to: Dr. Gail D. Burd, 1998 AChemS Program Chair, Department of Molecular and Cellular Biology, Life Sciences South Bldg. 444, University of Arizona, Tucson, AZ 85721; gburd@ccit.arizona.edu.

### **MESSAGE FROM THE PUBLIC AFFAIRS & INFORMATION COMMITTEE**

- Please help keep the committee informed. If your work has been cited in the press send us a clipping. It helps the committee know when AChemS members are in the news.
- Press Policies: AChemS has a press policy. Included in this policy is the requirement that all members of the press who wish to attend AChemS meetings or events must register with the committee and establish credentials. AChemS' press releases for meetings are based on abstracts selected by the program committee.
- Postings on the AChemS Web site: Official AChemS press releases will soon appear on the Web in the section News/What's New. Contact Dr. R. J. O'Connell for details.
- Please direct all press inquiries to the chairman of the committee: Dr. Robert J. O'Connell, Worcester Foundation for Experimental Biology, 222 Maple Ave., Shrewsbury, MA 01545, Phone: (508)-842-8921, ext. 151, FAX: (508)-842-9632, Email: oconnell@sci.wfeb.edu.

### **POSITIONS OPEN:**

**POSTDOCTORAL POSITION.** A postdoctoral position is available to participate in a project studying the consequences of perinatal dietary NaCl exposure on the development of adult taste function and hypertension in a rodent model. This work is part of a joint program project, funded by the NIH, involving investigators at the University of Florida and the Florida State University. The postdoc will take part in animal psychophysical taste testing in Dr. Alan C. Spector's laboratory, and neurochemical examination of brain regions related to fluid homeostasis in Dr. Neil E. Rowland's laboratory. The position should provide a unique chance to gain experience in the most recent advances in both behavioral and neurochemical methodologies. Funding is available for 2 years starting July 1, 1997. If interested, send a curriculum vitae along with the names and addresses of 3 references to: Dr. Alan C. Spector, Department of Psychology, PO Box 112250, University of Florida, Gainesville, FL, 32611.

**POSTDOCTORAL POSITIONS IN NEUROSCIENCE COMMUNICATIVE SCIENCES** are offered in the disciplines basic to research on hearing, chemical senses and other communicative sciences. 11 Faculty Investigators provide this training with state-of-the-art approaches in an interdisciplinary form in cell, molecular and developmental biology as well as the traditional areas. Contact: Dr. Kent Morest, Center for Neurological Sciences, MC3405, The University of Connecticut Health Center, Farmington, CT 06030, (860) 679-4678. E-mail: nsinfo@neuron.uchc.edu. Website: www3.uchc.edu/nsinfo.