



AChEM S NEWSLETTER

Association for
Chemoreception Sciences

Editor: C.A. Greer

Editorial Assistant: H.A. Cameron

As the new editor of the AChEM S Newsletter I welcome submissions and comments from the membership. Please submit to:

Dr. Charles A. Greer
Section of Neurosurgery
Yale Univ. School of Medicine
333 Cedar Street
New Haven, CT 06510

Executive Committee Actions/Reports

Max Mozell has reported on the results of the deliberations concerning the future of ISOT, ICOT and the relationship with IUPS. ISOT will continue to be held under the auspices of ICOT but will no longer be called a satellite meeting of IUPS (but can be called almost anything else which indicates an affiliation with them). ICOT will remain under the umbrella of IUPS to the extent that they will continue to provide both political leverage, should it be needed in the implementation of an international meeting, and the usual small amount of money to ICOT for support of the organizers of the next ISOT meeting. ISOT will now be held on the same 4-year schedule as was recently adopted by IUPS for their meeting. The next ISOT meeting will be hosted by JAST in Japan. There was also an agreement that the membership of ICOT will consist of two members from each of the three regional societies. The chairperson of ICOT for a given cycle will be one of the representatives of the next host society. It was also agreed that one or more of the ICOT members from the host country should be a member of the local organizing committee for the planned ISOT meeting.

Future ISOT meetings will be hosted, in turn, by each of the regional societies with the site of each meeting to be selected by the next host. The notion that AChEM S, ECRO, and JAST should make annual payments to a pool to support the organization of the next meeting was not acted on largely because the JAST representatives seem to have little need for outside funding.

During the summer the executive committee authorized several expenditures. The AChEM S membership list was updated and entered into a modern PC compatible data base (Symphony) to facilitate the production of appropriate mailing lists and letters. The Association also purchased two 35mm slide projectors, lenses, stands, pointers and carrying cases in order to avoid the fairly substantial rental fees associated with these items. We will still need to rent appropriate screens, overhead and movie projectors, and various pieces of sound equipment for each annual meeting.

Contracts have been signed with the Sarasota Hyatt House signifying our intent to hold our annual meetings there through 1993. In exchange for this advance commitment we were able to block the following dates: April 17-21, 1991; April 7-12, 1992; and April 13-18, 1993. Please note that we have booked an extra day in '92 & '93 in anticipation of continued growth in meeting attendance. We are also guaranteed that the annual rate increase will be no more than 5% each year and that, in contrast to earlier years, we will have full use of all of the meeting facilities on a 24-hour basis for the duration of the meeting.

The Public Information and Affairs Committee has been staffed by the following appointees: G. Beauchamp (Chairperson); L. Beidler; T. Finger; B. Halpern; M. Mozell; C. Murphy and R. O'Connell. Since this is a recently activated standing committee most of the members have only agreed to serve on an interim basis. It is hoped that during this initial period the exact mechanisms to be employed by the committee to effect their original charge will be determined. Advice and consul from the membership are welcome.

The Public Information and Affairs Committee urges all of our members who favor the funding of science from public funds to write to their elected state and federal representatives indicating that support. If we do not ask these individuals for realistic increases in research budgets, for new funding initiatives, for increased training support and for funds to upgrade and repair the infrastructure of science in our universities and research institutes they will not be provided. When questioned, our representatives complain that they never hear from us. Be assured that they hear regularly from those who oppose public funding of basic biomedical research and more often from those who oppose the use of animals in these endeavors. One short letter takes five minutes to compose. Modern word processors make it trivial to send a letter, when required, to any number of congressmen and senators. These letters need not contain detailed budget recommendations, although they certainly are in order, but could easily recount the difficulties associated with doing quality work when faced with ferocious competition for each available

research dollar or the problems associated with the progressive decline in the number of scientists in training. Letters can be of two types. Those which express support for some well defined thing, like increased funding for biomedical research, are often simply counted to arrive at some idea of the amount of support among the voters. The other kind of letter is usually more specific and often includes data, for instance, the authorization budget for NIH needs to be increased from \$X million to \$Y million in order to fund 5,000 new RO1's this year. These are counted and read, usually by the staff of the representative. These letters are often used to adjust funding priorities. The point is that both kinds of letters are valuable. We should not be embarrassed to ask for support for our research efforts. Sample letters and information about how to communicate your concerns are available from a number of sources including: your institution's public affairs or grant offices, AAAS (1333 H Street, NW, Washington, DC 20005; (202) 326-6500); the Society for Neuroscience, which is particularly active in this regard, (11 Dupont Circle, Suite 500, Washington, DC 20036; (202) 462-6688); Friends of NIDCD (225 Haverford Avenue #1, Narberth, PA 19072; (212) 663-3135); Sigma Xi, The Scientific Research Society, 345 Whitney Avenue, New Haven, CT 06511; (203) 624-9883); and the Society for the Study of Reproduction (J.P. Preslock, Dept of Obstetrics, Gynecology and Reproductive Sciences, Univ. Texas Medical School, Houston, TX 77030; (713-792-5360). If you don't wish to contact these organizations, you can find a colleague who belongs to one or another, or get help from your own institution. For your convenience we include a current list of the members on the appropriate Senate and House Subcommittees. Please remember to send copies of your letters to your own Congressmen and Senators if they

are not already on the list of members. In order to support AChemS's parallel efforts in this regard please forward copies of your letters to Dr. Beauchamp so that we may begin to keep a letter file.

**Senate Appropriations
Subcommittee on Labor, Health and
Human Services, Education.**

186 Dirksen Bldg.,
Washington, DC 20510-6025
Phone: (202) 224-7283

Tom Harkin (IA), Chrmn.

Robert C. Byrd, WV
Ernest F. Hollings, SC
Quentin N. Burdick, ND
Daniel K. Inouye, HI
Dale Bumpers, AR
Harry Reid, NV
Brock Adams, WA
Arlen Specter, PA
Mark O. Hatfield, OR
Ted Stevens, AL
Warren B. Rudman, NH
James A. McClure, ID
Thad Cochran, MS
Phil Gramm, TX

**House Appropriations
Subcommittee on Labor, Health and
Human Services, Education**

23258 Rayburn Building,
Washington, DC 20515-6024
Phone: (202) 225-3508

William H. Natcher (KY), Chrmn.

Neal Smith, IA
David R. Obey, WI
Edward R. Roybal, CA
Louis Stokes, OH
Joseph D. Early, MA
Bernard J. Dwyer, NJ
Steny H. Hoyer, MD
Silvio O. Conte, MA
Carl D. Pursell, MI
John Edward Porter, IL
C. W. Bill Young, FL
Vin Weber, MN

AChemS AWARDS FOR 1990

The AChemS Awards Committee (Marilyn L. Getchell, William Jakinovich, Foteos Macrides [chair], Thomas Scott) requests nominations for awards to be made at AChemS XII, April 18-22, Sarasota, Florida. The awards are the Takasago Award and the Frito-Lay Award. All nominations must be received by March 1, 1990.

The Takasago Award, made possible by Takasago Corporation, is awarded annually by AChemS to an outstanding younger scientist in the field of olfaction. It consists of a \$5,000 cash award. Nominees should be AChemS members, approximately 3-10 years postdoctoral, whose research record clearly distinguishes them among the emerging leaders in olfaction.

The Frito-Lay award is administered by AChemS for research excellence in the field of taste. It is sponsored for a second year by Frito-Lay, Inc. The amount of the award is also \$5,000, for an individual who has made significant impact on the scientific understanding of the chemical, physiological, or perceptual nature of taste. This award is open to any appropriate person.

The Awards Committee, on behalf of the AChemS membership, thanks Dwight R. Risky and Bob Longan of Frito-Lay, Inc., for making the Frito-Lay award possible again. We also express our deep appreciation to Takasago Corporation and to International Flavors and Fragrances, Inc., for their continuing support that makes the Takasago Award and the triannual Stanley K. Freeman Award AChemS traditions. We believe that all these awards encourage thoughtful and significant research in olfaction and taste that is of benefit to the entire chemosensory community.

cont. on pg. 3

NSF

Dr. Chris Platt reports that the Division of Behavioral & Neural Sciences was reorganized last year to form a few large programs from several small ones. In the reorganization, the Sensory Physiology & Perception Program was superseded by a Panel and Program Director for Sensory Systems, which handles topics including sensory transduction, coding, pathways, and brain organization for sensory information processing. Chemosensory research has flourished in the last decade, and the proportions of applications and funding in this area have increased to about 20% of the totals handled by Sensory Systems. The chemosensory community has been represented in the 1980s on Advisory Panels by the valuable contributions of Gary Beauchamp, Marilyn Getchell, Mimi Halpern, Foteos Macrides, Sarah Winans Newman, John Teeter, and Thomas

Scott; and Steven Price was Program Director for Sensory Physiology & Perception in 1987-88.

Upon submission, proposals undergo "merit review" involving written evaluations from several external experts (usually at least 6 are solicited, and typically 3-4 are able to return reviews). Their reviews and the proposals are discussed by an Advisory Panel (usually of 6-10 members, all active scientists, each typically serving 3 years.) The decision whether or not to recommend funding is made by the PD; "ratings" on the review forms are not simply averaged, there is no "pay line" that determines what gets funded and what does not, and there is no "approved but not funded" category. The major criterion for funding decisions is the scientific merit of the proposal. Since there are always more superior proposals than can be funded with available resources, the PD must consider additional criteria (such as "pipeline" issues of under-

represented groups, effect on educational or training infrastructure, levels of other support, career position of the PI) in deciding which few of the deserving proposals to recommend. The PD has a lot of latitude in negotiating award amounts with a PI; the perpetual trade-off with finite dollars is that giving more to individual projects means making fewer awards, or that giving more awards means less to meet the needs of individual projects. For many neuroscience areas, final budgets of awards often are in the range of \$50K-\$80K/year including indirect costs, usually for 3 years. the "success rate" for funding has been roughly 20% of the proposals.

For further information, please feel free to contact Dr. Christopher Platt, Program Director for Sensory Systems (202-357-7428; or cplatt@nsf.bitnet), or write to:

BNS Division, Rm 320
National Science Foundation
1800 G Street, NW
Washington, DC 20550

NIDCD

As most of you are aware, the National Institute of Deafness and Other Communication Disorders (NIDCD) is now official and many of us have received notification of new grant numbers with the familiar "NS" preface replaced by the new "HD." Dr. Jay Moskowitz is currently the Acting Director although a short list has been established from which a permanent Director will be named in the immediate future.

Dr. Jack Pearl will continue to represent the chemical senses as Program Officer. In this capacity Dr. Pearl has indicated that NIDCD is interested in developing collaborative clinical trials concerning problems important to the chemical senses. Anyone with comments or suggestions on areas of interest is asked to contact Dr. Pearl (301-496-5061). Dr. Pearl also

commented that members of AChemS should not be too dismayed by current reports of severe funding shortages at NIH. NIDCD recently received an additional infusion of funds that should significantly improve funding levels. Further details were unavailable.

Anyone wishing further information on NIDCD is also encouraged to write or telephone and request the Committee Report which establishes the priorities and objectives of the new institute.

National Institute on Deafness
and Other Communications
Disorders

Building 31, Room IB-62
National Institutes of Health
Bethesda, MD 20892

301-496-7243 voice/402-0018 TDD

*A letter from the director of NIDCD
appears on page 8*

Awards - cont. from page 2

Please submit a letter of nomination, reprints, and a complete vita and bibliography for those individuals that you wish to nominate. Please check that your nominee is eligible for the specific award. Nominations should be sent in quadruplicate (4: all materials) to:

AChemS Awards Committee
c/o Foteos Macrides
Worcester Fndn. Exptl. Biol.
222 Maple Avenue
Shrewsbury, MA 01545 USA

Gordon Conference

The Summer 1990 Gordon Conference on Chemical Senses: Taste and Smell is scheduled for July 16 through July 20 (Monday morning through Friday noon), 1990, at Plymouth State College South, in New Hampshire, USA (note that this is Plymouth, New Hampshire and NOT Plymouth, Massachusetts). The Conference will have a reception starting at 6:00 p.m. on Sunday, July 15. Morning sessions begin at 9:00 a.m. and end at approximately 12:30 p.m. Evening sessions begin at 7:30 p.m. and end at approximately 10:00 p.m.

In addition to the Monday through Friday formal sessions with speakers and discussion, there will be a poster session between 5:00 p.m. and 6:00 p.m. each evening (Monday through Thursday). Applicants for the Conference will be asked to indicate on their

Conference application form their interest in presenting a poster, and a title. This will permit appropriate grouping and scheduling of posters. Mounting boards (4 feet by 8 feet) and stands will be provided. Posters may be mounted at 1:00 p.m. (after the morning session and lunch) and will be removed at 6:00 p.m. (before dinner and the evening session) on the day for which they are scheduled. The author(s) of a poster will be present at their poster ONLY during the 5:00 p.m. to 6:00 p.m. poster session. Photographs of those authors who are participants in the Conference will be mounted on the poster so that other conferees may seek them out for discussion. We can schedule 20-30 posters at each poster session. Consequently, it will be possible for essentially every participant to present a poster if they wish.

Further information is available from:

Chairman: Bruce P. Halpern
Uris Hall
Cornell University
Ithaca, NY 14853-7601
USA
Telephone: 607-255-6433
D57J@CORNELLA.BITNET
halp@tcgould.tn.cornell.edu
FAX: 607-255-7116 or -4156

Vice Chairman: David L. Hill
Gilmer Hall
University of Virginia
Charlottesville, VA 22903
USA
Telephone: 804-924-4036 or -3374
DH2T@VIRGINIA.BITNET
dh2t@mendel.acc.virginia.edu
FAX: 804-924-7185

The program for the Gordon Conference is on page 5.

First Announcement of the IXth Congress of ECRO

The Ninth Congress in 1990 marks the twentieth anniversary of ECRO and appropriately it will take place in the Netherlands, the country where ECRO was conceived. Back in 1970, during a summer school in Utrecht, it was decided to found ECRO as a multidisciplinary research organization aiming at uniting scientists from such diverse fields as chemistry, molecular biology, food science, and sensory analysis, working in industry laboratories, institutions or universities.

ECRO uses several tools in its efforts to achieve this goal; the biannual congress is one of the most important ways for the membership to communicate with each other and build and maintain inter- and intradisciplinary contacts. The organizing committee of ECRO IX is convinced of the need to continually emphasize this function of our congresses. Accordingly, it proposes

a programme for ECRO IX designed to satisfy the need for exchange between specialists in each field, as well as the need for communication between specialists from different fields.

To this end we have sought to identify areas of research where there are major unresolved problems, or at least controversial views, and hence a possibility for fruitful discussion that might reveal to non-specialists the importance of the issue. Since interactions along borderlines of related disciplines often stimulate the advancement of science, the idea is that such a controversy within any one discipline of chemoreception represents an intellectual problem that should have importance for other disciplines.

In this way, specialists are challenged to explain to others, not directly familiar with their

problems, just why such a problem is so important. The different controversies or problem fields will be introduced by authoritative speakers, and the different sides of the controversy will then be discussed by two other discussants active in the field. It is envisaged to publish the papers presented under each heading, thus presenting an overview that marks the present state of affairs in chemoreception research.

The organizing committee is particularly grateful to the Suikerstichting Nederland (the Dutch Sugar Foundation) who are supporting this Ninth Congress of ECRO by a generous donation. This donation makes it possible to keep the cost of the congress as low as possible.

More information about the IX Congress of ECRO is on pages 6 - 7.

GORDON CONFERENCE ON CHEMICAL SENSES: TASTE AND SMELL

July 16-20, 1990

Plymouth State College South, New Hampshire USA

Chairman: Bruce P. Halpern Vice Chairman: David L. Hill

Monday, July 16, 1990

Morning: DEVELOPMENTAL AND ONGOING CHANGES IN CHEMOSENSORY SYSTEMS

Discussion Leader: Peter Brunjes, University of Virginia

Speakers: Dale Purves, Washington University Medical School; Pasquale P. C. Graziadei, Florida State University; Phillip S. Lasiter, Florida Atlantic University

Poster Session Themes: DEVELOPMENT OF TASTE & OLFACTION; BRAINSTEM GUSTATORY STRUCTURE & FUNCTION

Evening: THE NUCLEUS OF THE SOLITARY TRACT: FROM GUT TO TONGUE AND BACK AGAIN

Discussion Leader: Ralph Norgren, Pennsylvania State University

Speakers: Susan Travers, Ohio State University; David V. Smith, University of Cincinnati; Madhu Kalia, Thomas Jefferson University

Tuesday, July 17, 1990

Morning: INSIGHTS INTO BASIC CHEMOSENSORY FUNCTION FROM STUDIES OF HUMAN CHEMOSENSORY DISORDERS

Discussion Leader: Bruce W. Jäpek, The University of Colorado

Speakers: Linda M. Bartoshuk, Yale University; Maxwell M. Mozell, SUNY Health Science Center at Syracuse; Gary Beauchamp, Monell Chemical Senses Center

Poster Session Theme: HUMAN CHEMOSENSORY DISORDERS

Evening

DO INVERTEBRATE AND VERTEBRATE CHEMOSENSORY SYSTEMS SOLVE SIMILAR PROBLEMS IN SIMILAR WAYS?

Discussion Leader: John G. Hildebrand, University of Arizona

Speakers: John Caprio, Louisiana State University; Robert J. O'Connell, Worcester Foundation for Experimental Biology; Thomas Eisner, Cornell University

Wednesday, July 18, 1990

Morning: CHEMOSENSORY TRANSDUCTION: FROM INITIAL INTERACTIONS WITH STIMULI TO PERCEPTUAL CATEGORIES?

Discussion Leader: Geoffrey H. Gold, Monell Chemical Senses Center

Speakers: Doron Lancet, The Weizmann Institute of Science; John A. DeSimone, Virginia Commonwealth University; Kenzo Kurihara, Hokkaido University

Poster Session Theme: CHEMOSENSORY TRANSDUCTION

Evening: PATTERNS AND LIMITS OF CHEMOSENSORY STIMULATION: CONTRIBUTIONS AND COMPLEXITIES OF MIXTURES AS STIMULI, OF THRESHOLDS AS MEASURES, AND OF TEMPORAL PATTERNS AS BOTH

Discussion Leader: Michael O'Mahony, University of California at Davis

Speakers: Harry T. Lawless, Cornell University; Jelle Atema, Boston University Marine Program

Thursday, July 19, 1990

Morning: ARE BIOCHEMICAL MEASURES OF OLFACTORY BULB METABOLIC ACTIVITY PREDICTIVE OF ITS SENSORY PHYSIOLOGY?

Discussion Leader: Michael Meredith, The Florida State University

Speakers: Burton Slotnick, The American University; William B. Stewart, Yale University Medical School; James Schwob, SUNY Health Science Center at Syracuse

Poster Session Theme: OLFACTORY BULB STRUCTURE AND FUNCTION

Evening: ARE VISUAL OR AUDITORY MODELS FOR CNS SEPARATION OF PERIPHERALLY COMBINED INTENSITY AND QUALITY INPUTS APPLICABLE TO OLFACTION AND TASTE?

Discussion Leader: Gordon M. Shepherd, Yale University Medical School

Speaker: Mark Konishi, California Institute of Technology

Friday, July 20, 1990

Morning: NATURAL OR SIMPLE CHEMOSENSORY STIMULI: DISCOVERY, CHARACTERISTICS, AND UTILIZATION

Discussion Leader: Mimi Halpern, SUNY Health Science Center at Brooklyn

Speakers: Robert P. Erickson, Duke University; Charles Derby, Georgia State University; J. Russell Mason, Monell Chemical Senses Center

FIRST ANNOUNCEMENT OF THE IXTH CONGRESS OF ECRO

September 2-7, 1990

Leeuwenhorst Congress Center, Noordwijkerhout Holland

TOPICS AND INVITED SPEAKERS

- | | |
|------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 1. The use of functional measurement in the study of mixtures | Speaker: McBride, Australia |
| 2. The functional significance of olfactory glomeruli | Speaker: Hildebrand, USA |
| 3. Is cyclic AMP the olfactory second messenger? | Speaker: Lancet, Israel |
| ④ Plasticity: general concept or specific problem? | Speaker: Masson, France |
| 5. The existence of single or multiple sweet taste receptors | Speaker: Dubois, USA |
| 6. The concept of spatial coding, what does it mean today? A critical perspective on neural processing of odours | Speaker: Holley, France |
| 7. The quantification of sensory experience and its relationship to consumer liking | Speaker: MacFie, England |
| 8. Odour quality, a matter of blend or components? | Speaker: Löfstedt, Sweden |

All speakers have accepted our invitation with enthusiasm. We are now in the process of arranging with the discussants.

The introductory lecture by the invited speaker is allocated with 45 minutes, whereupon each of the discussants gives his/her view in 15 minutes, followed by 15 minutes of general discussion.

The timetable of the congress has been constructed such that each of these controversies will be treated in a plenary session of the congress. Of course, the presentation of fresh research results will remain the body of the congress. Three parallel sessions of oral communications follow the plenary sessions, with sufficient time between them to allow delegates to change audience rooms.

One complete evening and two half-afternoons will be devoted to authors' explanation of posters: moreover, the posters will be on view during the whole congress. The provisional timetable gives an outline of the structure of the Ninth Congress of ECRO.

PROVISIONAL TIMETABLE

	Morning	Afternoon	Evening
September 1990			
Sunday 2nd	-	registration, get together	opening lecture
Monday 3rd	topic 1 coffee oral sessions	topic 2 tea oral sessions	posters
Tuesday 4th	topic 3 coffee oral sessions	topic 4 tea posters	concert
Wednesday 5th	topic 5 coffee oral sessions	excursion	topic 6 General Assembly
Thursday 6th	topic 6 coffee oral sessions	topic 8 tea posters	buffet
Friday 7th	breakfast departure		

All topics in plenary sessions. All oral sessions in parallel.

Other Activities

To mark the 20th anniversary of ECRO, several special events are being organized: Summer School in Sensory Analysis, organized by Prof. Frijters and Dr. Kroeze. The subject is the application of functional measurement in flavour research, and it will take place August 27-31 in Wageningen.

ECRO Minisymposium on the subject Plasticity, to be organized by Dr. Clauding Masson, August 28-30 in Marseille, France.

Informal workshop on Insect Chemoreception, to be organized by Dr. Den Otter. This workshop, under the auspices of ECRO, is scheduled for either the week before or the week after the Congress.

About one-and-a-half hours will be devoted to the plenary sessions on the controversies (topics). After the coffee or tea break, the remaining two hours will be laid out in three parallel sessions with four communications each, and in poster sessions. An oral communication must not be longer than 20 minutes. It will be followed by discussion (5 minutes) and a break (5 minutes) to facilitate movement between conference rooms.

The Leeuwenhorst Congress Center in Noordwijkerhout, close to the coast and very near to Schiphol airport, was the site of the IVth Congress in 1980. It can be reached conveniently by air, car, and rail. Since 1980 the center has been extended and modernized; all rooms have been enlarged. Single and twin rooms (limited number) are available, all with bathroom. Many sporting activities, including bicycling, are possible. Permanent bars are open to the thirsty.

Accommodation and Reservation

The fee for the IXth Congress of ECRO is DFL 775-. This includes: 5 nights lodging, all meals from Sunday dinner through Friday breakfast, coffee and/or tea between sessions, as well as the concert night, the excursion, and the Congress Buffet. The fee for accompanying persons is Dfl. 700- which includes all the above except attendance of the congress sessions. There is no reduction in the fee for twin rooms or for partial participation.

Preliminary Registration

Those wishing to attend should register now by filling in the form below and sending it back to the congress secretariat, at the address below.

Full details on the programme and an abstract form will be sent out in the final announcement, due March 1990. The deadline for sending in abstracts is May 1st, 1990.

The Organizing Committee:

E.P. Köster
C.J. Den Otter
J. Frijters
J. Kroeze

L.J. Van Gemart
B. Van der Pers-King
H. Van Der Starre
H. Van Der Wel

Yes, I wish to attend the ECRO IX Congress in Noordwijkerhout.

Name:

Address:

Telephone number:

Fax number:

Encircle your preference for a presentation: poster oral

First author:

Name of accompanying person:

Encircle your preference for accomodation: single twin

Please fill in completely and send back to:

ECRO IX 1990, attn. Dr. J. Kroeze, Psychologisch Laboratorium, Sorbonnelaan 16, 3584 CA Utrecht, the Netherlands

As the newsletter was going to press we were pleased to receive the following from Dr. Jay Moskowitz, Director, NIDCD.

Letter from Dr. Moskowitz to the Association of Chemoreception Sciences Greetings from the National Institute on Deafness and other Communicative Disorders

I am very pleased to have this opportunity to extend greetings from all the staff of the newest Institute at the NIH, the National Institute on Deafness and Other Communication Disorders (NIDCD). We are very proud to count the research represented by the Association of Chemoreception Sciences as a part of our Institute's mission.

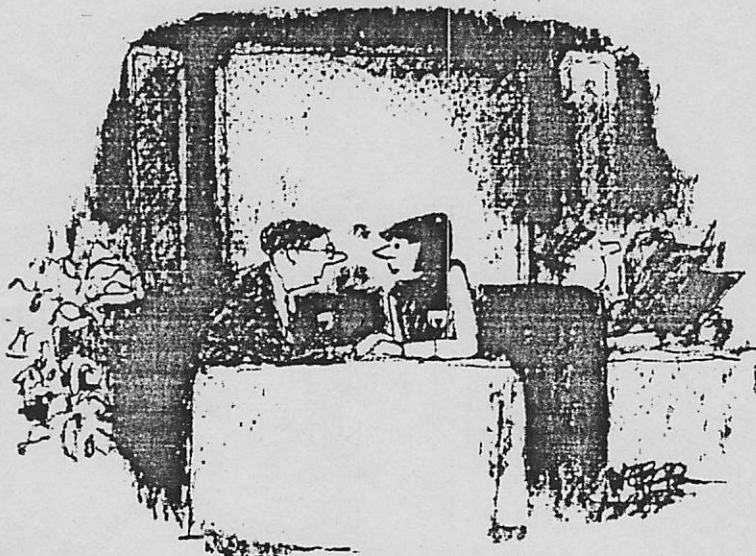
The legislation establishing the NIDCD was signed just a little over a year ago. It has been a very busy and productive year for the Institute. A task force was convened in January 1989 to develop a National Strategic Research Plan for the Institute and copies of that document are available by contacting the Institute. Good progress has been made in hiring a staff to join those who transferred from the National Institute on Neurological Disorders and Stroke (NINDS), to develop ongoing programs as well as expand administrative offices in the Office of the Director. A National Deafness and Other Communicative Disorders Advisory Council and Advisory Board have both been formed, with outstanding individuals serving on each Advisory body. Both groups have had their first meetings and have begun some important undertakings in providing very valuable advice to the Institute.

The dimension of the Institute that I am most excited about, however, is the development of the fundamental and clinical science base. In addition to the strong research grant portfolio that transferred from the NINDS, awards have been made for the first time in FY 1989 to NIDCD grantees. I know that many members of the Association of Chemoreception Sciences have received their first Notice of Grant Award from the NIDCD recently. We welcome you to our Institute and are very pleased to count you as members of the Institute family. As a measure of how significant the science base is to the NIDCD, we chose to celebrate our first Anniversary with a scientific lecture. The lecture was presented by Dr. Peter Dallos who spoke on "Cochlear Neurobiology: Why All the Excitement?" The lecture was very well attended and received at the NIH and provided an important message on the emphasis we intend to place on fundamental, basic, investigator-initiated research.

We are most anxious to expand the chemosenses portion of our research grant portfolio. To that end, we have issued a Program Announcement to the research community on Nasal Chemoreception: Regeneration and Trophic Interactions. The purpose of this Program Announcement is to encourage both new and established investigators to submit applications related to the mechanisms of the regeneration cycle of nasal chemosensory receptor neurons and the trophic interactions between these neurons and other cells. New opportunities for understanding the mechanisms of this plasticity and its development have been provided by advances in the concepts, approaches, and methods of contemporary neurobiology, including molecular neurobiology. Additional information on this Program Announcement is available by contacting Dr. Jack Pearl, Health Science Administrator of the NIDCD at 301-496-5061. This is one mechanism we have initiated to stimulate additional research in the chemosenses. Other Program Announcements are being developed that relate to the chemical senses including one on the neurobiology of taste pathways and a second one on the genetics of chemical senses. These will be issued in the very near future.

In conclusion, I am delighted that your professional group and the vital, fundamental research your members are conducting are now associated with the NIDCD. We live in an age when communication has a significant effect on our ability to function and be productive in society. We at the NIDCD are committed to understanding and enhancing all aspects of the ability to communicate. The research answers you are providing are an important part of the communication science infrastructure. I welcome your comment and suggestions as we chart the path ahead for the NIDCD and I am grateful to your association for giving me this opportunity to share some of our progress and plans with you.

*Reprinted from The New Yorker,
November 6, 1989*



"I think I can make you very happy if I can get funded."

This application may be reproduced and distributed among your students and interested colleagues.

Application for membership: Association for Chemoreception Sciences (AChemS)

Please fill in the information below and sign one of the eligibility statements on the next page. There is only one class of membership, but the dues for bona-fide students are reduced.

LAST NAME: _____

First Name: _____

Title (Dr., Prof., Ms., etc.): _____

ADDRESS

Room Number: _____

Department: _____

University or Institution: _____

Street and Number: _____

City/Town: _____

State/Province/Region: _____

ZIP Code/Post Code: _____ Telephone: _____ Ext.: _____

COUNTRY: _____ BITNET (Electronic Mail) Address: _____

INTERESTS (No more than 3 key words for each, please)

1. Sense studied (e.g. Olfaction, Taste):
2. Experimental approach (e.g. Anatomy, Electrophysiology):
3. Experimental model (e.g. Frog, Human, Computer modelling):

ELIGIBILITY (Please sign statement 1 or 2 below)

NON-STUDENT

- 1). I have 2 years experience in chemosensory research and/or have a professional interest in the field.

Signed:

Date:

Membership dues US \$30.00

PRE-DOCTORAL STUDENTS ONLY

- 2). I have participated for 2 years in a program of studies leading to an advanced degree in a field relevant to chemosensory research or have an equivalent commitment to the field.

Signed:

Date:

Membership dues US \$10.00

*Please have your doctoral dissertation advisor, departmental chairperson, or any REGULAR (non-student) member of AChemS sign section 3 (below).

- 3). The applicant is currently enrolled in a program of studies leading to an advanced degree (MS, MSc, MA, Ph.D., D.Phil., MD, or equivalents).

Signed:

Advisor/Chairperson/
Regular AChemS Member

(Note: The eligibility requirements are prescribed by the bylaws of the association. They are interpreted very broadly by the Membership Committee and the Executive Committee.)

Make checks payable to ACHEMS and mail to:

Dr. Judith Van Houten
Membership Chairperson, AChemS
Department of Zoology
University of Vermont
Burlington, VT 05405 USA

*** DUES IN US\$ BY CHECK OR DRAFT PAYABLE THROUGH A US BANK, PLEASE ***

Chemical Senses Reviewers

Inglis J. Miller, Jr., Ph.D.
Executive Editor

The journal **Chemical Senses** would like to renew its list of volunteers to review manuscripts submitted for publication. Peer review is a most important part of maintaining high standards of scientific quality as well as a fair editorial policy. If you want to be considered as a reviewer for **Chemical Senses**, please complete and return this form to the address listed below.

Manuscript Reviewers for Chemical Senses

Please return to:
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Name: _____

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Please indicate topics of manuscripts you would be willing to review:

How many papers would you be willing to review per year? _____

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