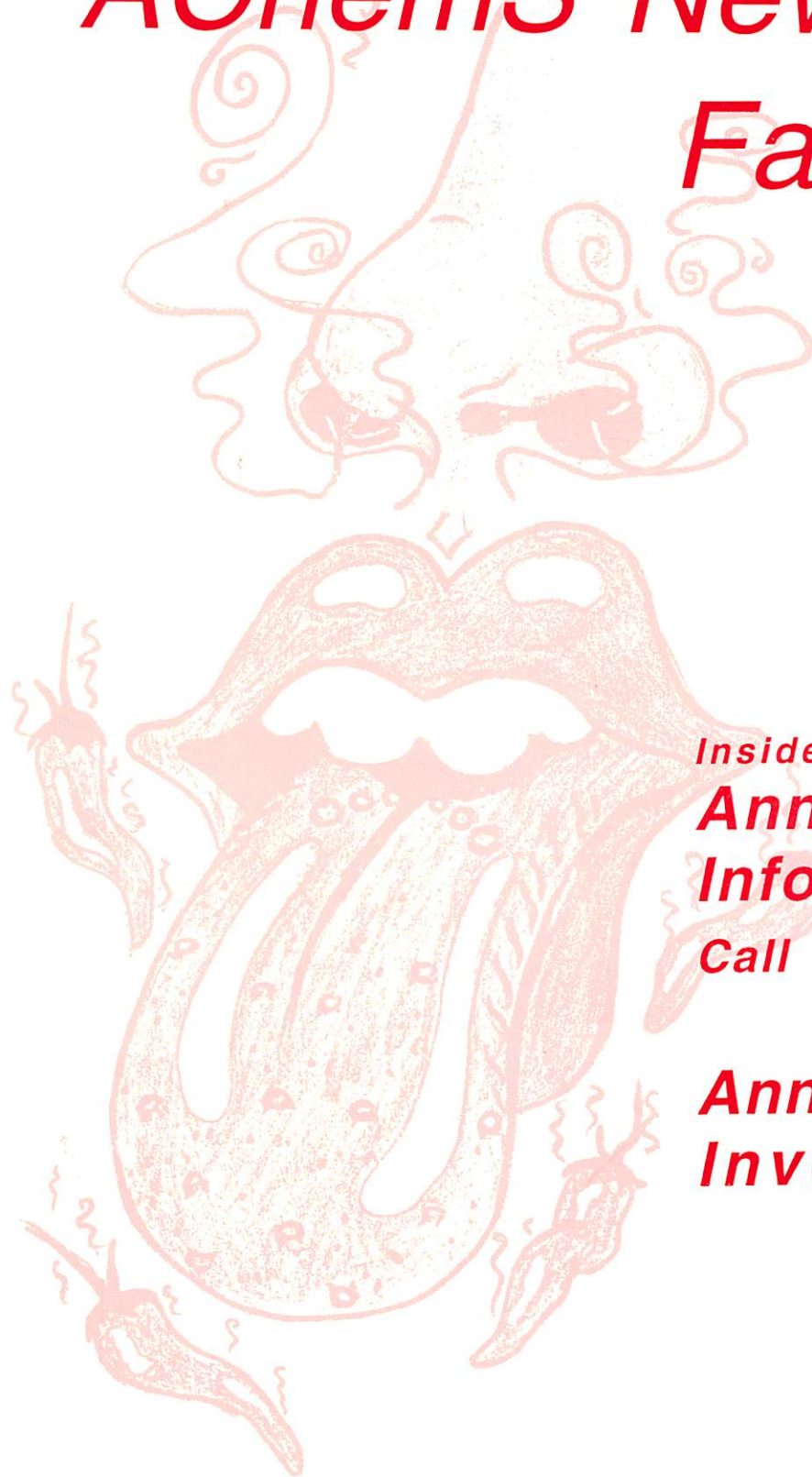


Association for Chemoreception Sciences

AChemS Newsletter

Fall 1995



Inside:

***Annual Meeting
Information &
Call for Abstracts***

***Annual Dues
Invoice***

WHERE TO SEND THE FORMS TO PRE-REGISTER FOR ACHEMS XVIII

Using **First Class Mail**, send everything **except the hotel registration envelope** in one packet to: AChemS, c/o Panacea Associates,
744 Duparc Circle, Tallahassee FL 32312-1409
Phone/FAX number: (904) 531-0854

Please **DO NOT** use Registered Mail. It will slow the process and Panacea Associates will be happy to send you a receipt upon request. Federal Express is expensive and unnecessary provided your abstract is mailed first class and **postmarked on or before January 8, 1996**

The packet should include:

1. Abstract original form and 12 copies, and a diskette version of your abstract
2. Author notification card with your address and postage on it
3. Dues payment for 1996
4. Membership database update form if applicable (please indicate **ONLY** changes from the 1995 membership directory)
5. Conference registration card and payment - please note: a separate check for each registration and dues payment is requested!
6. Application form (in duplicate) for student assistance if applicable
7. Nominations of officers for AChemS for 1996-97
8. Nominations for Awards (this may be mailed directly to the Awards Chairman, Dr. Albert Farbman, if you prefer).

Your **hotel registration** should be mailed directly to Sarasota. If there is no registration envelope in your copy of the newsletter, call or fax the Hyatt, Sarasota at Phone: (941) 953-1234; FAX: (941) 952-1987, and identify yourself as an AChemS meeting participant.

Don't forget to send in your 1996 dues!
Look for the 1996 Dues Invoice in this Newsletter

Cover illustration by Nicky Dietz

NEWSLETTER
NEWSLETTER**AChemS Association for Chemoreception Sciences***fostering chemical senses research and understanding smell and taste in health and disease***Executive Committee****Executive Chair**

Judith Van Houten, Ph.D.
University of Vermont

Past Executive Chair

John S. Kauer, Ph.D.
Tufts University School of Medicine

Executive Chair Elect

Michael Meredith, Ph.D.
Florida State University

Secretary

Charles Derby, Ph.D.
Georgia State University

Treasurer

Kathryn A. Hamilton, Ph.D.
Louisiana State University Medical Center

Membership Chair

Wayne Silver, Ph.D.
Wake Forest University

Program Chair

David L. Hill, Ph.D.
University of Virginia

→ Councilors

Robert Bradley, Ph.D.
University of Michigan

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

AChemS Central Office**c/o Panacea Associates****744 Duparc Circle****Tallahassee, FL 32312-1409****Phone/FAX: (904) 531-0854***In This Newsletter You Will Find:*

- Call for Abstracts and Information about 1996 AChemS Meeting
- Minutes of Spring 1995 AChemS Executive Committee Meeting
- Minutes of the 1995 AChemS Business Meeting
- News from the Executive Chair
- Other News (News from NIH, Positions Available, Meetings, and More)

*Calendar for 1995-96***November 1995**

- 14** Fall Meeting of the Executive Committee at the Annual Meeting of the Society for Neuroscience, San Diego

January 1996

- 8** Deadline for receipt of abstracts, 1996 dues if sponsoring an abstract, nominations of officers, nominations for awards, student travel awards
- 10** Deadline for receipt of information for the Spring Newsletter

February 1996

- 29** Deadline for receipt of pre-registration fee

March 1996

- 10** Deadline for receipt of ballot for election of officers

April 1996

- 17-21** AChemS XVIII Annual Meeting in Sarasota
- 20** Deadline for receipt of 1996 dues

The AChemS Newsletter is published twice a year. Those interested in publishing in the Spring 1996 Newsletter should submit material by January 10, 1996 to: Dr. Charles Derby, Secretary of AChemS, Department of Biology, Georgia State University, P.O. Box 4010, Atlanta, GA 30302-4010; Tele (404) 651-3058; FAX (404) 651-2509; EMAIL biocdd@gsusgi2.gsu.edu

*Column from the
Current
Executive Chair
of AChemS*

*DR. JUDITH
VAN HOUTEN*

CHEMICAL SENSES...

A significant change has come to AChemS. The membership voted by mail ballot and approved by over 2:1 the inclusion of a subscription to **Chemical Senses** in our regular members' dues. The discount is substantial (yearly subscription for \$55). You will notice that your dues are now \$100. I am working with Oxford University Press to allow student members to subscribe to **Chemical Senses** at the discounted rate, but the subscription is not part of their dues payment. The new membership dues structure will be in place for two years, at which time we will assess its success.

ANNUAL MEETING NEWS...

It is time to think about our next annual meeting of AChemS. Dave Hill and his committee have been working hard to put together a program that

will engage the chemical senses community. We are also anticipating the next joint meeting with ISOT. Charles Greer, our Program Chair Elect, is working with Claire Murphy, who is working with ISOT, to put together an exciting joint meeting in the beautiful setting of the Del Coronado Hotel in San Diego in the summer of 1997.

PANACEA MOVES...

Panacea has moved. Please note the new address on the membership directory.

WWW...Mike Meredith and Joel White continue to work on the development of our world wide web home page. More information about this is in this newsletter.

COMMUNICATION AWARENESS DAY

1995... NIDCD is holding its annual Communication Awareness Day on October 18. AChemS will be represented at this meeting and I will report on it to the membership in the next newsletter.

KEY WORDS...I would like to initiate an effort to standardize at least some of the key words

that we use in our publications to facilitate finding papers of interest through electronic searches. Please communicate by e-mail (jvanhout@moose.uvm.edu), mail or FAX (802/656-2914) about the key words that you tend to use or that you would like others to use in the literature. I will try to analyze this information and make the results known to you all with some recommendations for some "key" key words that will help all of us to search more effectively. I would appreciate hearing from you by December 1, so that there is time to present these results at the annual meeting. However, your input is always welcome.

MENTORING...I would like to begin a network of mentoring for young scientists. There is a great deal of information that "mature" scientists can impart about funding, academic tenure track positions, life in industry, and expediting science through collaboration. Women in Neuroscience has laid some nice groundwork for developing mentoring in areas of neurosciences including the chemical senses. However, I

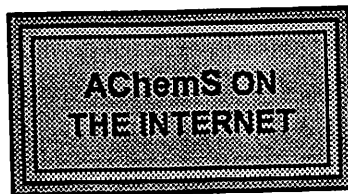
believe that this should be extended to all young scientists, with special encouragement for minority scientists to join our society and our community of neuroscience.

I am asking a small group of AChemS members including some who are also ECRO members to help in the development of a mentoring network. If you are interested in helping this new initiative get off the ground, please contact me. Ideas and volunteer efforts will be much appreciated here. I know that some of you have been mentors in an informal way and have valuable insights into how it is done best.

AChemS has always been a society that welcomes new members and it has benefitted by

the infusion of new members and new ideas that enhance the already fine work done by those of you with longer records in this field. Mentoring will help to retain the welcoming atmosphere of AChemS, keep bright new scientists involved in our field, help them with their careers, and generally add to the vigor of the society. I hope to interest many of you in this initiative over the next year.

*Best Wishes,
Judith Van Houten*



AChemS has a Home Page on the World Wide Web. The facility is

established at Florida State University. Information about the society, its annual meeting, and membership lists are currently available on the AChemS Home Page. The address is <http://neuro.fsu.edu/achems>

AChemS also has a List server. This has been developed at Wake Forest University. This is an email distribution list which allows rapid communication about specific issues of interest to its subscribers. To subscribe to the AChemS list, send an email message to: listserv@wfu.edu. The text in the body of your message should be: subscribe (schemsenseslist<your address> (e.g. subscribe chemsenseslist doe@achems.edu



*Minutes of the Spring 1995
Association for
Chemoreception Sciences
Executive Committee
Meeting, held on Wednesday,
April 19th, 1994 at the
Sarasota Hyatt.*

MEETING BEGAN AT 12:20 PM

Secretary's Report
(Charles Derby): The minutes from the Fall 1994 Executive Committee Meeting (held on November 17, 1994 during the Society for Neuroscience Annual Meeting at the Fountainebleau Hotel in Miami FL) were approved.

2. Treasurer's Report
(Barry Green): The AChemS Budget Report for July 1, 1993-June 30, 1994 and the Projected Budget for July 1, 1994-June 30, 1995 are appended. Our total assets as of June 30, 1994, are \$59,220.36, which is the approximate cost of running one annual meeting. The increase in conference fee for this year's Annual Meeting was necessary to help cover the costs of the meeting. Even with

this increase, the conference fees did not completely cover the costs of the meeting. So, to be fiscally responsible, AChemS should seriously consider additional increases in the conference fee for both regular and student members for future meetings.

The considerable cost associated with sending newsletters via airmail to foreign members was discussed. Airmail is necessary to get the call for abstracts to foreign members in time for them to submit abstracts on time. To cover the additional costs of airmail, we should consider an increase in the membership fees for foreign members by \$10. It was decided that starting this year, Panacea Associates will carefully analyze costs associated with mailings, and report these findings to the Executive Committee at the Spring 1996 Executive Committee meeting.

The Executive Committee thanked Barry Green, who will be resigning as Treasurer, for all of his efforts, particularly in computerizing the budget.

3. Membership Report
(Wayne Silver): As of April 1995, there are a total of 531 dues-paying members, including 427 regular, 101 student, and 3 emeritus members. There are 210 others (154 regular, 65 student) who paid dues in 1994 but not 1995. During the past year, it was decided that we not send out in a separate mailing an additional dues notices as was voted on at the 1994 AChemS Business Meeting. This was not done because the number of people in arrears was not as great as originally thought and therefore the additional cost associated with mailing the additional dues notice (estimated to be \$800) was not warranted.

There was discussion about the eligibility of undergraduates as student members. Currently, undergraduate students have been accepted as student members and have been eligible for travel awards. According to the AChemS By-laws, "Applicants for Individual Membership shall be required to demonstrate an active interest in chemoreception by

having either two years experience working in the field or participating two years in an appropriately oriented graduate program leading to an advanced degree." It was agreed that select undergraduates involved in research programs should continue to be eligible for membership.

The publishers of the Journal of Reception & Psychophysics have requested an AChemS Membership Directory so that they can have a list of potential reviewers for manuscripts submitted to them. AChemS policy has been that we give our Membership Directory free of charge to groups using it for a non-commercial use, but we have sold it to groups intending to use it commercially. It was voted to allow the publishers to have our Membership with the provision that it be used for non-commercial use only.

4. Election Results (Inglis Miller): The 1995 Elections Committee consisted of Inglis Miller, April Mott, Barbara Zielinski, Beverly Cowart and Donald Ganchrow. We received 93 ballots. The results of the

election are the following:
Executive Chair-Elect,
Michael Meredith;
Program Chair-Elect,
Charles Greer;
Treasurer, Kathryn
Hamilton; Councilor,
Marilyn Getchell.

5. AChemS XVIII -
Meeting Related Items:

a. Registration and Hotel Relations (Panacea Associates: Pat Meredith and Susan Lampman): Pre-registration for the meeting has been successful this year. Offered at the meeting are several fund raising items: AChemS mugs, tee shirts, and slides are for sale, and there is an auction for books.

If the Abstract Book for the Annual Meeting is to be generated from an electronic format, it will cost the Association more.

The contract with Hotel Del Coronado, which will be the site of AChemS/ISOT in San Diego in 1997, is currently being negotiated. The contract for the 1999 AChemS Annual Meeting will be negotiated with the Sarasota Hyatt this year. Following discussion, it was agreed that the the

vast majority of the membership believes that the Sarasota Hyatt is a very attractive site for our annual meeting and that it can accommodate our scientific sessions at least in the near future. However, there was discussion regarding the availability of adequate numbers of individual rooms in the Hyatt. This year all reserved rooms in the Hyatt were booked by March 1st, even though the Hyatt made available to AChemS 240 of their 280 rooms (which is 40 more than required according to our contract). We also have subcontracts with other local hotels, including Holiday Inn. But we may need to look into additional overflow hotels as the number of registrants increases. The 1996 Program Committee should consider listing overflow hotels in the Fall 1995 Newsletter.

b. Program (Barbara Talamo): A new event at this year's meeting is a symposium consisting of talks by winners of awards. To give us time to elect awardees and for them to prepare their presentation, the 1996 Program Committee should consider moving to an earlier date the

deadline for nominations of the awards. In addition, members should be encouraged to submit nominations. It was decided that the abstract submission deadline of January 5th should be retained and strongly adhered to. Talamo recommended that we publish annual meeting information and the call for abstracts in the ECRO Newsletter so that ECRO members are more aware of deadlines for our annual meeting. Our attempt this year to produce the abstract book electronically was unsuccessful. The major problem was that 50% of the electronic abstracts received were not in one of the approved formats. It is decided that future Program Committees continue to try to implement electronic program abstract books, and encourage members to adhere to instructions.

c. Awards (John Kauer): Givaudan-Roure Lectureship: Robert Horowitz ; Takasago Award: Diego Restrepo; Frito-Lay Award: Robert Margolskee; Moskowitz-Jacobs Award: Paul Breslin; Ajinomoto Awards: Alan Spector; Susan Travers, Joseph Travers. It was reiterated that the \$2,000 award of

the Givaudan-Roure Lectureship is to cover the Lecturer's honorarium and expenses. Future Program Chairs should be made aware that this remains the policy.

d. Student Travel and Housing (John Hildebrand): We received (64) applications (52 for housing and 52 for travel). 39% were disqualified according to application of the published rules. 3% withdrew. All of the remaining were awarded: (22) housing (21 accepted); (29) travel awards (27 accepted). A total of \$9,923.48 was awarded. Hildebrand strongly recommended that we print prominently on the application form that the it must be completed accurately and on time for a student to be eligible for funds, and that a copy of the student's abstract also be submitted. For tax purposes, we need to ask the students receiving travel awards to sign an affidavit stating that the amount of the award represents their true expenses. Hildebrand recommends that the Councilor handling student travel next year work more closely with the administrator of the NIH

Minority Travel Fellowship Program.

6. Executive Chair Report (John Kauer): The AChemS Archive has been established at Monell Chemical Senses Center. Anyone interested in donating items to the Archive should contact Bruce Halpern. We should consider sponsoring a presentation on the history of AChemS at our 20th Annual Meeting.

Our representatives on ICOT are Barry Ache (Chair) and Charlotte Mistretta. They will provide the line of communication between the International Union of Physiological Sciences and AChemS, especially for 1997 ISOT/AChemS.

AChemS has contributed \$1,000 to be a sponsor of C h e m o s e n s o r y Awareness Day. This upcoming event in Washington DC is a lobbying effort to help Congress understand the importance of chemical senses research.

Jack Pearl of NIDCD has communicated to AChemS that there is money available, beginning March 1st, to fund satellite meetings to

the annual meetings of AChemS, Society for Neuroscience, or other meetings for discussion of rare diseases involving the chemical senses. The 1996 Program Committee will consider organizing such a meeting for AChemS XVIII.

The 1997 ISOT Meeting will be held at the Hotel Del Coronado in San Diego, California. Claire Murphy will chair the local organizing committee. Murphy reported that we have signed a contract for July 6-12, with a commitment for 2,900 room-nights. Single and double rooms will be available at a daily rate of \$142; triple rooms will be \$167 and quadruple rooms \$192. Extensive conference facilities are available in this famous and historic beachfront hotel originally built in 1888. Charlie Greer and Claire Murphy were encouraged to assemble as soon as possible a Program Committee so that they begin resolving the many issues associated with organizing the 1997 ISOT/ACChemS meeting, including making local arrangements, program development, fund raising, writing conference grants

(perhaps several proposals for symposia in specific disciplines), and securing industrial support. This committee should be larger than the usual AChemS Program Committee in order that the many issues be a d d r e s s e d simultaneously. We will formulate more specific organizational plans in our Fall 1995 Executive Committee Meeting.

2a.

7. Executive Chair Elect (Judy Van Houten): Van Houten raised several items that she would like to work on this year. The Education Outreach Program is very important. She would like to see concrete outcomes from it, and to inform as many AChemS members as possible about it by adding a report on it in the Fall 95 Newsletter. She would like to develop a formal mentoring program between older and younger AChemS members. She would like to strengthen ties with NIDCD.

2b.

8. Committees

a. Computer Committee (Joel White, Wayne Silver, Chuck Wysocki, Michael Meredith, Inglis Miller). We have established an AChemS

Home Page on the World Wide Web of the Internet. The facility is established at Florida State University. It is important to have this site stable and have technical help to keep it operational. Because of its potential importance to the society, AChemS is willing to provide some financial support for maintaining this site. In addition, an AChemS list server (email distribution list) has been developed by Wayne Silver at Wake Forest University. The list server will be useful for more rapid communication about specific issues of interest to members, whereas the Home Page is helpful for posting information for longer term usage (Membership Directory, Newsletter, Program of the Annual Meeting). It was requested that this committee develop a formal description of services that can be provided by these two facilities, determine the cost associated with securing technical help, and an estimate of how long this site will likely be stable. This proposal should be submitted for discussion at the Fall 1995 Executive Committee Meeting. With this formal proposal, the Executive Committee

can then make more informed decisions. The address for the AChemS Home Page is <http://neuro.fsu.edu/achems/>. To subscribe to the AChemS List, send an e-mail message to: listserv@wfu.edu; the text in the body of your message should be: s u b s c r i b e chemsenseslist <your address> (e.g. subscribe chemsenseslist doe@achems.edu).

b. Public Affairs Committee (Robert O'Connell, Richard Costanzo): Costanzo reported that an AChemS Press Release has been distributed to the local media. This included 10 abstracts deemed to be of more general interest. An article about our annual meeting appeared in the local newspaper the first day of the meeting. We also plan to visit local schools and talk about the chemical senses. In future years, we would like to bring select school children to our annual meeting. O'Connell recommended that to facilitate this process in future years, the Program Committee select 15-20 abstracts that they think are of general interest and give these to the Public Affairs Committee. The Public Affairs Committee can

then assemble these abstracts into a press release that can be distributed to the local media. It was also recommended that a public relations representative at a university also screen abstracts since their definition of 'newsworthy' abstracts may be more similar to that of the local media. O'Connell will serve as the Chair of this committee next year. He will select a committee to assist him, and they will work in close association with the Program Committee.



9. Other Business

The issue was considered as to whether AChemS, which promotes the improvement of health of people, should continue to accept as Corporate Members tobacco companies, which make products deemed by the Surgeon General to be harmful to human health. After spirited discussion, the following motion was passed: Corporate Members will be listed in the Membership Directory rather than in the Annual Meeting Program Book.

The issue of whether to change the length of the term of the Executive

Chair from one to two years was revisited. One reason for considering this change is that it takes some time to learn the job. An argument against this is that the Executive Chair actually serves for 3 years in an 'executive' capacity: as Executive Chair-Elect, Executive Chair, and past Executive Chair. The associated burden of extending this capacity to 4 years by adding an additional year as Executive Chair might actually make the position less appealing. It was decided that the Executive Chair employ the skills of the Executive Chair-Elect as much as possible and appropriate. It was also stressed that 'corporate memory' be transferred between those filling the same position in consecutive years.

Meeting was adjourned at 4:30 pm.

Respectfully submitted
by Charles Derby

ACChemS Budget Report:

July 1, 1993-June 30, 1994

and

Projected: July 1, 1994-June 30, 1995

Income:	1993-94	1994-95 (projected)
Membership dues	\$23,691.00	\$24,800
Registration\Conference fees	33,035.00	45,000
NIH symposium grant	19,792.00	26,414
IFF symposium	5,000.00	--
Industrial memberships	6,000.00	4,000
Firmenich		
RJR		
Philip Morris		
Industrial award sponsorships	5,000.00	5,000
Ajinomoto (3,000)		
Frito-Lay (500)		
Givaudan-Roure (500)		
Moskowitz-Jacobs (500)		
Takasago (500)		
Industrial luncheon	1,000.00	1,000
Clinical luncheon	930.00	1,000
OUP prepayment/editorial expenses	3,925.00	5,175
Interest	821.15	900
Miscellaneous	1,611.00	1,000
TOTAL INCOME:	\$100,805.15	(\$114,289)

Expenses:

Program Expenses	\$49,846.58	\$52,500
Hotel, food (29,700.39)		
Program chair (1, 185.00)		
Call for abstracts (2,853.57)		
Abstract booklet (3,522.29)		
Speaker travel expenses (7,520.33)		
Other expenses (5,065.59)		
Student travel awards	8,316.22	10,000
Minority travel awards	3,741.00	10,000
ECRO travel awards	4,000.00	1,000
Tucker Award	500.00	500
Ajinomoto	---	3,000
Educational Outreach	---	500
Membership Expenses	1,955.01	2,050
Directory (1,500.87)		
Other (454.14)		
Panacea Management	16,561.36	\$18,750
Service fee (16,093.75)		
Office expenses (467.61)		
Chemical Senses Editorial Expenses	2,500.00	5,175
Officers' Expenses	362.99	500
Friends of NIDCD (contribution)	650.00	1,000
Newsletter	1,124.27	1,180
Public Affairs Committee	24.83	250
Misc. supplies & expenses	833.69	1,000
Fees (bank, corporate)	537.62	600
ISOT set-aside		1,000
TOTAL EXPENSES:	\$90,872.57	\$109,005
SURPLUS:	\$9,932.58	\$5,284

Cash on hand as of June 30, 1994:

Master Checking:	\$16,683.67
Savings:	25,643.74
CD:	10,000.00
Reimbursable acct.	6,892.95

TOTAL ASSETS: \$59,220.36

ACHEM_S MEMBERSHIP REPORT

April 17, 1995

New Members since April 1994:

Regular = 100
Student = 56
Emeritus = 0
Total = 156

Dues paid in 1994 but not in 1995:

Regular = 154
Student = 65
Total = 219

Dues paying members for 1995 as of 4/6/95:

Regular = 427
Student = 101
Emeritus = 3
Total = 531

Dues paid in 1993 but not since:

Regular = 48
Student = 35
Total = 83

Total dues paying members as of 4/15/95:

Regular = 527
Student = 157
Emeritus = 3
Total = 687

Members still "on the books" but not paid since 1992 or 1991:

Regular = 161
Student = 52
Total = 213

News from the Membership Chair.....

As Membership Chair I would like to make clear what the AChemS membership year is. The Bylaws state that "The membership year shall commence on the first day of the calendar year and the dues for any particular membership year shall be established and paid in advance of that year's annual meeting". In other words, if you pay your dues between October and July in response to the invoice found in this newsletter, those dues are for the 1996 calendar year.

If you pay dues after the 1996 Annual Meeting in April but before the invoice comes out in the Fall 1996 Newsletter in October, those dues would be for the 1996 calendar year. In this case, dues would need to be paid again sometime between the Fall 1996

Newsletter in October and the 1997 Annual Meeting in July or on site at the meeting, in order for you to be considered a member at the time of the 1997 Annual Meeting.

Let me also point out that it is now AChemS policy that a person who lets their membership lapse must pay dues for two years in order to be reinstated as a member of AChemS.

If you have any dues or membership questions, please do not hesitate to contact me. Wayne Silver, Department of Biology, Wake Forest University, Winston-Salem, NC 27109. Phone: 910/759-5920 ; FAX: 910/759-6008; EMAIL: silver@wfu.edu

1995 AChemS Awards

GIVAUDAN-ROURE LECTURESHIP
ROBERT HOROWITZ

MOSKOWITZ-JACOBS AWARD
PAUL BRESLIN

FRITO-LAY AWARD
ROBERT MARGOLSKEE

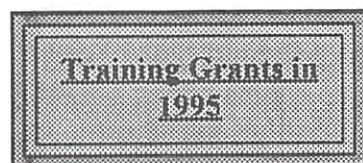
TAKASAGO AWARD
DIEGO RESTREPO

AJINOMOTO AWARDS
ALAN SPECTOR
SUSAN TRAVERS, JOSEPH TRAVERS

1995 TUCKER AWARD
LESLIE STONE

The 1995 Tucker Award winner is Leslie Stone of University of Colorado Health Sciences Center. This award is for the best student presentation at the 1995 AChemS meeting. Her presentation was "Both Ectoderm and Endoderm Give Rise to Taste Buds in Mice", and was co-authored by Thomas Finger, Patrick Tam, and Seong-Seng Tan.

NEWS FROM THE NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATIVE DISORDERS



Postdoctoral Individual National Research Service Awards.

These grants (F32) are to provide postdoctoral research training to individuals in order to broaden their scientific background and extend their potential for research in specified health-related areas. New awardees in 1995 include: Pamela Dalton (Monell Chemical Senses Center; "Sensory and Cognitive Effects of Long Term Odor Exposure"), Rona Delay (Boston University; "Patch Clamp Analysis of Olfactory Neurons"), Kathleen Dorries (Tufts University; "Single Unit and Behavioral Responses to Odorant Series"), Joseph Dynes (University of California San Diego; "Spatial Coding of Olfactory Information"), David Lin (University of California Berkeley; "Molecular Basis of Convergence by Olfactory Neurons"), Nancy Rawson (Monell Chemical

Senses Center; "Molecular Basis of Olfactory Discrimination"), John Reiss (University of Arizona; "Specificity and Plasticity of Olfactory Connections"), Angela Setzer (Pennsylvania State University; "Peripheral Gustatory Responses During Sodium Appetite"), Suzanne Sollars (University of Virginia; "Dependence of Taste Development on Receptor Innervation"), and Yinong Zhang (California Institute of Technology; "Olfactory Receptors").

National Research Service Awards for Senior Fellows.

These awards (F33) are to provide opportunities for experienced scientists to make major changes in the direction of research careers, to broaden scientific background, to acquire new research capabilities, to enlarge command of an allied research field, or to take time from regular professional responsibilities for the purpose of increasing capabilities to engage in

health-related research. Barry Davis received an award in 1995 to study neurophysiology of taste processing at the University of Maryland at Baltimore.

Institutional National Research Service Awards.

These awards (T32) are to enable institutions to make National Research Service Awards to individuals selected by them for predoctoral and postdoctoral research training in specified shortage areas. A new award was made in 1995 to the Chemosensory Training Program at Florida State University (Director, Michael Meredith).

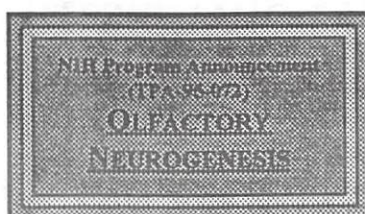
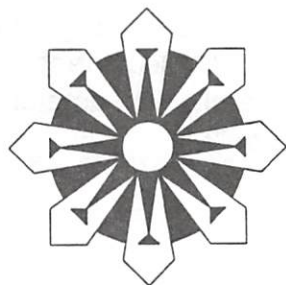
Research Career Development Awards.

These five-year awards (K04) allow established researchers to further develop their research careers. Receiving a new award in 1995 was Alan Spector (University of Florida; "Assessment of Peripheral Gustatory Function").



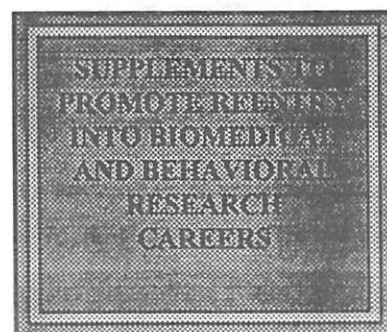
Pathophysiology of Anorexia in Disease and Aging

The National Institute on Deafness and Other Communicative Disorders is participating in this program. The NIDCD is interested in receiving research grant applications for support of research on pathophysiologic mechanisms that mediate the loss of appetite seen in disease and aging. Applications covering a broad range of activities in this area, including both basic and clinical research, are encouraged. Support of this program will be by research project grant (R01) and FIRST awards (R29). Researchers interested in receiving more information should contact Dr. Jack Pearl, NIDCD (Tele: 301-402-3464; FAX: 301-402-6251)



This program announcement, to be published in the NIH Guide in late September, reiterates the continuing interests of NIDCD and NIA in receiving applications for the study of mechanisms that maintain, terminate, and reinitiate the sequence of olfactory neurogenesis in the olfactory epithelium throughout the life of the organism. The scope of this announcement includes the neurogenic sequence of cell proliferation, differentiation, synaptogenesis, growth migration, maturation, cell death, and the mitotic signals to renew the cycle under both normal physiologic conditions and after experimental procedures such as olfactory nerve transection, that perturb this unique cycle of neural development. This announcement is timely because the recent development of molecular tools makes the identification of specific types of sensory neurons and their connections practical. This announcement

supplements a previous one, *Nasal Chemoreception: Regeneration and Trophic Interactions* (NIH Guide, Vol. 18, No.34, September 29, 1989), and is part of the NIDCD programmatic theme of sensory regeneration in the auditory, vestibular, and chemosensory systems. For more information, contact Dr. Jack Pearl, NIDCD (Tele: 301-402-3464; FAX 301-402-6251).



The National Institute on Deafness and Other Communication Disorders (NIDCD) wishes to highlight to researchers in human communication a new program for administrative supplements to research grants to support individuals with high potential to reenter an active research career after taking time off to care for children or parents or to attend to other family responsibilities. The aim of these supplements is to

encourage fully trained individuals to reenter research careers within the mission of the NIDCD. This program will provide administrative supplements to existing NIDCD research grants for the purpose of supporting full-time or part-time research by these individuals in a program geared to bring their existing research skills and knowledge up to date.

Selected active award mechanisms at domestic institutions are eligible including ROIs, POIs, and P50s. Principal investigators submit a request for an administrative supplement to support an eligible candidate interested in reestablishing a research career.

Candidates must have a doctoral degree such as M.D., D.D.S., Ph.D., D.O., D.V.M., or equivalent, and at least two years of postdoctoral research experience and must have had sufficient prior research experience to qualify for a faculty appointment at the

assistant professor or -equivalent level. Candidates who have begun the reentry process through a fellowship or similar mechanism are not eligible for this program. In general, the duration of the career interruption should be for at least two years and no more than eight years. Examples of qualifying interruptions would include starting and/or raising a family, an incapacitating illness or injury of the candidate, the spouse, partner, or a member of the immediate family; relocation to accommodate a spouse, partner, or other close family member; pursuit of nonresearch endeavors that would permit earlier retirement of debt incurred in obtaining a doctoral degree and military service.

The program is not intended to support graduate postdoctoral training and is not intended to support career changes from nonresearch to research careers for individuals

without prior research training. Generally, at the time of application, a candidate may not be engaged in paid research activities for more than 25 percent effort. Supplemental awards may be made for up to three years and may not exceed \$50,000 in direct costs per year. An additional amount up to \$10,000 may be requested for supplies, domestic travel, and publication costs relevant to the proposed research.

The full text of the announcement of this NIH program appeared in the NIH Guide for Grants and Contracts, Vol. 23 (18), dated May 13, 1994. For further information regarding this program within NIDCD, contact Dr. Judith A. Cooper, Deputy Director, Division of Human Communication, National Institute on Deafness and Other Communication Disorders.) PHONE: 301-496-5061, FAX: 301-402-6251, E M A I L : JUDITH_COOPER@NIH.GOV.

ANNOUNCEMENT OF 1996-97 SENSORY SCIENCE SCHOLARSHIPS

To support Ph.D. students who intend to teach and conduct research in the area of sensory science at the University level, one \$12,000 Sensory Science Scholarship will be awarded for the 1996-97 academic year. This scholarship is awarded in honor of the memory of Professor Rose Marie Pangborn, who initiated the scholarship fund to encourage the education of Sensory Scientists who intend to go into academic careers.

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Applicants for the scholarship must be enrolled in a Ph.D. Program such as Food Science, Nutrition, Psychology or Physiology. The planned or on-going dissertation research must be on a sensory topic under the guidance of a recognized sensory scientist. Candidates will be evaluated on the basis of their academic record, commitment to a career in teaching in the field of sensory science, and support in letters of recommendation. The

selection of recipients and policy governing the awards will be determined by the Board of Directors of the Sensory Science Scholarship Fund (SSSF).

Applications, including all required documentation must be postmarked no later than March 1, 1996. For additional information and application forms, contact Ms. JoAnn Lewis or Dr. Hildegard Heymann, Dept. of Food Science and Nutrition, University of Missouri, Columbia, MO 65211, USA. Phone: 314/882-4113, FAX: 314/882-0596. Note after December 31, 1995, the area code will change to 573. EMAIL: hildegard_heyman@muccmail, missouri.edu

President and treasurer of the Sensory Science Scholarship Fund (SSSF), Dr. Jack Pangborn, has announced the 1995-6 scholarship winners. Elizabeth Skibba

Gwartney and Thomas Heinbockel were each awarded SSSF scholarships of \$12,000 for 1995-6. Past recipients include Dr. Terri Rosett, Dr. Nicolette van der Klaauw, Sophie Bonnans and Jeannine Delwiche.

Liz Gwartney received her undergraduate degree in Fermentation Science at the University of California at Davis and her M.S. degree in Food Science at the University of Missouri, Columbia where her research focused on temporal perception of menthol. She is enrolled in the Ph.D. program in Food Science and is pursuing a minor in Polymer Science and Statistics at North Carolina State University at Raleigh, where she has been a teaching assistant in the Biology department. In her Ph.D. research, she is investigating sensory, rheological and chemical factors affecting flavor delivery in milk protein products.

Tom Heinbockel received his undergraduate and M.S. degrees in Germany at the Philipps-Universitaet Marburg. His M.S. thesis included research at the Max Planck Institute for Behavioral Physiology on

the olfactory system of female silkmoths. For his Ph.D. in Neuroscience at the University of Arizona, he is studying the central processing of olfactory information in the brain

of the sphinx moth. Submitted by A.C. Noble, University of California, Davis, CA 95616. FAX: 916/752-0382, Phone: 916/752-0387 E-mail acnoble@ucdavis.edu.

PRE- AND POST-DOCTORAL TRAINEESHIPS AT FLORIDA STATE UNIVERSITY

The Florida State University Program in Neuroscience has 3 Pre-Doctoral Traineeships available immediately, funded by a new NIH training grant, for research in Chemosensory Systems (Olfaction, taste and related systems). The Chemosensory Training Group provides a unique environment for training in the chemical senses, and includes: Dr. Michael Meredith (Director; Olfactory/vomerolateral functional circuits); Dr. Robert J. Contreras (Co-director: Taste/Intake physiology and behavior); Dr. James C. Smith (Taste/Intake behavior); Dr. Paul Q. Trombley (Olfactory synaptology); Dr. Glayde Whitney (Taste behavior-genetics). Pre-doctoral trainee stipends are \$12,000 plus full tuition. Trainees must be US citizens or permanent residents and be admitted as graduate students in Biological Science or Psychology. Contact

individual faculty or the co-directors to express interest in chemosensory research training and for further information and application forms.

The POSTDOCTORAL TRAINEESHIP is available for research with one or more member(s) of the Chemosensory Training Group. Trainees who can benefit from joint training and contribute to research in more than one laboratory have a unique opportunity to pursue innovative research not restricted by current research-funding patterns. Training within a single laboratory is also possible. Stipend is at NIH first-year rate initially and trainees must be US citizens or permanent residents. Postdoctoral positions may also be available in individual laboratories. Contact individual faculty or the co-directors for more information. Indicate your interest in chemosensory systems

and the direction you would like your research to take.

Program in Neuroscience (4075), Florida State University, Tallahassee, FL, 32306. Phone: (904) 644-3076/3427; FAX: (904) 644-0989; e-mail: neuro@neuro.fsu.edu Further information is available via the World Wide Web at <http://neuro.fsu.edu> EEO/AA

Assistant Professor

Florida State University invites applications for an anticipated tenure track assistant professor position in the Department of Psychology and the Program in Neuroscience. Preference given to candidates with experience in sensory processes. Applicants with PhD and post-doc training send CV, selected reprints, statement of research direction and names of 3 references by Dec22,1995 to Neuroscience Search Committee, Dept Psychology, Florida State University, Tallahassee FL 32306-1051. For info see <http://www.psy.fsu.edu.EOAAE>.



The next Gordon Conference on the Chemical Senses will be held August 18-23, 1996 at Salve-Regina University, located in the popular New England seaside resort town of Newport, Rhode Island. The theme of the conference will be "Understanding stimulus quality in the chemical senses: molecules to perception". The purpose of the conference will be to revisit the concept of stimulus quality in the chemical senses in light of the new insights gained from molecular biology and other state-of-the-art approaches to the field. The meeting will consist of an integrated series of eight focused lecture/discussion sessions and a plenary lecture that

collectively will address the concept of stimulus quality through various levels of organizational complexity. The tentative session topics are:

- How shall we measure stimulus quality in the chemical senses?
- Genomic organization and receptor expression in chemoreceptor cells
- Role of peripheral integration in coding chemosensory stimuli
- Oscillatory potentials in the olfactory bulb: their role in quality discrimination
- Cortical representation of stimulus quality
- Neural representation of the affective (hedonic) dimension of chemical stimuli
- Relating molecular, physiological and psychophysical studies to quality recognition in olfaction
- Relating molecular, physiological and psychophysical studies to quality recognition in taste

Plan now to attend. A detailed program and guidelines for application will appear in the February, 1996 issue of *Science* magazine featuring the 1996 Gordon Conferences. For further information, contact either:

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Updates through September 1, 1995 - tear out and keep in your turquoise directory

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