



ASSOCIATION FOR CHEMORECEPTION SCIENCES

NEWSLETTER

VOLUME 5, NUMBER 2

SEPTEMBER 1987

I. General Comments.

If this newsletter has a different style from that which you have become comfortable with, it is because, after four years of effective service, Janneane Gent has turned over the pink collar of the secretary to me. I have only to look at the volume of mail that Janneane has transferred to appreciate how organized she was in this office; she deserves our thanks for her contribution to the development of AChemS throughout nearly half of its existence.

The format of this newsletter will change slightly. We will retain some traditional items and also introduce a quotes contest (the brainchild of Gary Beauchamp) and a poll regarding the structure of our annual meeting (composed by Inglis Miller). Immediately after distributing this, I will be leaving for Japan, a concatenation of events that is, while convenient, purely coincidental. Any opinions you have to direct my way regarding the newsletter will therefore arrive with greater latency than usual but, I am certain, with undiminished amplitude.

II. Executive Chairperson's Letter.

Dear Colleagues,

In 1988 the Association for Chemoreception Sciences will mark its Tenth Anniversary with the annual meeting in Sarasota, from April 27 through May 1. After a mid-summer conception at the Gordon Research

Conference on Chemical Senses in July 1978 and a gestation of about 10 months, the First Annual Meeting of AChemS was held in April, 1979, organized by Dr. Maxwell M. Mozell, Chairman of the Initial Steering Committee. Max and Steering Committee members alternated breath holding with panting and the 1979 meeting finally arrived with 30 invited oral presentations and 75 poster presentations. Last year the Ninth Annual Meeting included a total of 74 oral presentations and 107 posters.

The 72% increase in total number of presentations over nine years demonstrates a healthy growth rate for the meeting, and figures on AChemS membership indicate that the Association itself is thriving. As well as achieving a stable membership and vital annual meeting, over its first decade the Association has developed Bylaws, launched a newsletter and a membership directory, and embarked on a formal association with the journal, Chemical Senses. The annual meeting has continuously convened investigators studying a breadth of chemosensory topics and using a range of techniques from those of molecular biology to ethology to clinical testing. Of our total individual members about 17% are from industrial corporations, so an active communication is maintained among colleagues pursuing basic and applied research.

Overall, therefore, the Association is fulfilling most of the stated goals under Article II of the Bylaws. However, we probably have not fulfilled our aspiration to "act as an identifiable organ representing the interests of the chemosensory research

community." In the coming year I would like your ideas on how to meet this purpose of the Association so that the Executive Board can begin to move AChemS into a subsequent developmental stage --- a stage where we make more public the identity acquired during the past nine years and use our influence as an association to meet particular needs of the chemoreception sciences. We will plan a new look for our newsletter and business stationery. In addition, we will attempt to increase our financial base by recruiting more corporate members to the current list of four companies. Yearly increases in individual membership dues and meeting registration fees can sustain our annual meeting expenses, but cannot provide a sound financial base to secure the Association and make possible new endeavors.

Please comment on these ideas by writing to me or other Executive Board members. I look forward to celebrating AChemS' Tenth with you next April and to receiving comments from you in the meantime.

Sincerely,
Charlotte M. Mistretta

MINUTES
GENERAL BUSINESS MEETING
ACHEMS IX
May 2, 1987
Sarasota, Florida

Called to order at 5:07 pm by Bruce Oakley.

I. Reports

A. Elections - David Smith

A total of 158 votes were cast. The results are as follows:

Exec. Chair-elect - Gary Beauchamp

Program Chair-elect - John Caprio

Secretary - Tom Scott

Councilor - Al Farbman

B. Membership - Michael Meredith

There are currently 363

members; 335 regular members and 28 students. A total of 317 registered for the meeting; 194 regular members, 62 students, and 61 nonmembers.

C. Program - Barry Ache

There were 195 presentations; 11 invited talks and 183 volunteer papers. Attendees occupied 191 rooms at the hotel including 4 complimentary rooms. The cost of the meeting was approximately \$62 per person. About \$11.62 of this is paid for by corporate sponsorship. Registration covers another \$35.

D. Finance - David Hill

Estimated for 1986-87:

Expenses	\$33,713.17
Income	29,461.49
Net loss	(4,051.68)

Assets as of 4/87:

Checking account	\$17,314.00
Savings account	24,823.98

E. Executive Committee - Bruce Oakley

The level of appointments at the meeting seems reasonable and should continue next year. Pre-registration fees will increase for next year's meeting as follows: \$50 for members, \$65 for nonmembers, \$10 for student members, \$15 for student nonmembers. On-site registration fees will be as follows: \$60 for members, \$75 for nonmembers, no increase in fee on-site for students. Membership dues will remain the same for 1987-88. We are running a loss of approximately \$5000 each year, but we should be able to break even with the increase in registration fees.

The awards Committee will be chaired next year by Mimi Halpern. Marilyn Getchell will be continuing as a member of the committee, and two new members will be appointed by Charlotte Mistretta. This committee is charged with the responsibility of finding awardees for the Freeman, Mrs Dash and Takasago awards.

II. New Business

A. Dates of future meetings

AChemS X April 27 - May 1,
1988, Sarasota.

AChemS XI April 26 - 30,
1989, Sarasota.

B. List of attendees requested

It was requested that a list of meeting attendees including names and addresses be made available at the meeting. The membership Chair said that it would be relatively easy to make a pre-registration list available but would be difficult to create an accurate list on-site. It was also suggested that non-members' names and addresses be included in the directory as an addendum.

C. Handbook of Olfaction and Taste

The possibility was raised again that this organization take the responsibility for creating a source book of olfaction and taste. Points raised during the discussion included: 1) such books tend to become out of date very quickly, 2) the Handbook of Protozoology, for example, costs about \$60, has pictures, reviews, references, and took 15 years to write, 3) a list of interests is included with each member's name in our directory.

D. Location of AChemS

It was suggested that the membership be polled as to desired location of our annual meeting.

E. Parallel sessions

A show of hands indicated that most members object to parallel sessions. Suggestions as to ways to avoid this included: increase the number, space provided and display time for posters; keep early afternoons free, but schedule sessions in late afternoon and early evening.

F. Other meetings of interest

The next ECRO meeting is in Warrick, UK, July 18-22, 1988. There is a Gordon Conference this July on "Development and Plasticity in the Chemical Senses." The next ISOT has not been set.

IV. Thanks to Barry Ache and Mike Meredith for all their hard work to make AChemS a success.

V. Meeting adjourned and gavel

passed to Charlotte Mistretta.

Respectfully submitted,
Janneane Gent, Secretary

IV. AChemS Vital Statistics and Policy on Membership Dues (information and graph by Mike Meredith).

Membership Dues, Directory and Growth M. Meredith, Membership Chair

Current policy on membership dues is summarized below.

This coming year we plan to produce a new directory of members after the annual meeting so that members who join at the meeting, or who neglect to pay their annual dues until the meeting, can still be listed. In general, members who pay their dues by May 1 in any calendar year will be guaranteed listing in the directory of members for that year. The new directory will generally be available by July 15.

Current policy (using the coming year as an example) would be to drop from the directory, the names of people who have not paid (for 1988) by the time a new list is typeset (approx June 15) and at the same time to drop from the mailing list those who had not paid dues since 1986.

Members not paying dues, technically remain members (unless formally expelled! - see by-laws) but do not enjoy the fringe benefits of membership, once they are in arrears by more than one year. They will thus receive no more newsletters, meeting notices, calls for abstracts, ballots, dues requests or other nuisances. Members will be re-instated on the mailing list for the remainder of the then current calendar year on payment of annual dues.

All memberships run from the date of dues payment to the end of the same calendar year, except for new members

who join after Oct. 1. Their memberships will run from the date of dues payment to the end of the next calendar year. This extension is intended to allow new members to receive information about the next annual meeting as well as to benefit from the reduced member registration fee at that meeting.

Changes in membership dues will normally be approved and voted on at the annual general meeting. Any changes which are approved will apply to dues which will secure membership for the following year. That is, new memberships paid after Oct. 1 will be at the new rate but dues paid late for the then current calendar year will be at the old rate. For 1988, dues remain unchanged.

Growth of the Association for Chemoreception Sciences

ACheMS has grown almost exactly in parallel with the Society for Neuroscience in terms of the number of members. The accompanying graph shows the growth of total membership (1), scientific registration at annual meetings (2), number of abstracts submitted (3) and number of student registrants (4). In 1985 there were 332 AChemS members and 10,000 SN members. The AChemS and SN numbers are scaled by a factor of 30:1 so that total membership in 1985 is plotted at the same point and the parallel growth is immediately apparent. The great increase in meeting attendance and abstracts in 1986 was probably due, in part, to the combination of the meeting with ISOT. This explosion did not carry over into 1987 and the rate of meeting growth once again parallels that of the SN meeting. If the present trend continues for the next 2-3 years we may have to consider limiting the number of presentations at annual meetings, or find a new larger meeting place.

V. Exotic Quotes.

This is the first in what I hope will be a series of chemosensory quotes to grace this newsletter. They come from Gary Beauchamp, President-Elect and quote sleuth, and are grouped by theme. The motif this time is olfaction-canine. If you can identify either quote, send me a letter (at my Delaware address) and you will receive a) recognition in the next AChemS newsletter and b) a Javits Award. Gary, his colleagues, immediate family members and his dog are ineligible.

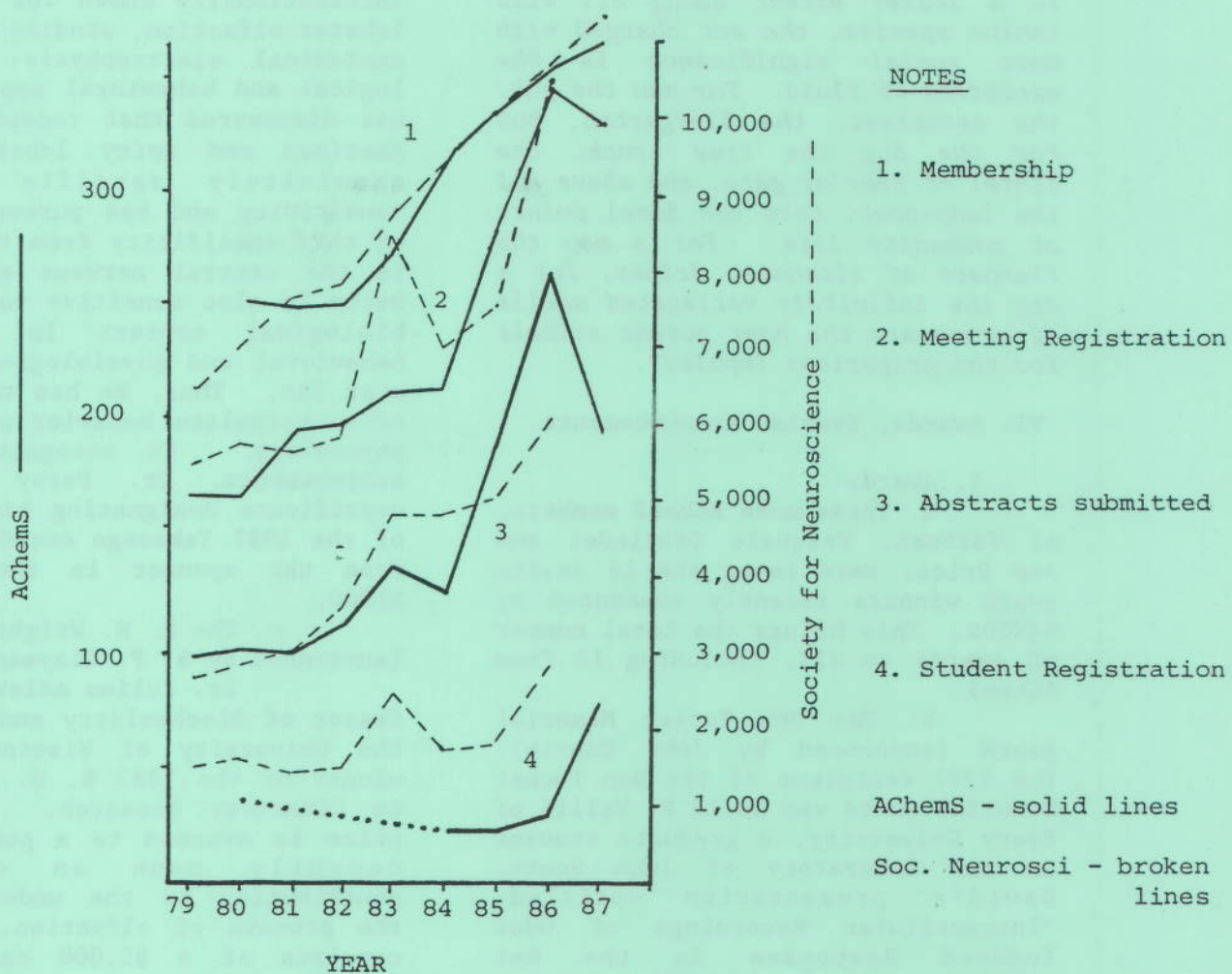
1. "Wait now, and I'll tell you some of the harder scents that are coming on this wind - a few of the dainty ones."

Then the dog shut his eyes tight, poked his nose straight up in the air and sniffed hard with his mouth half-open.

For a long time he said nothing. He kept as still as a stone. He hardly seemed to be breathing at all. When at last he began to speak, it sounded almost as though he were singing, sadly, in a dream.

"Bricks," he whispered, very low - "old yellow bricks, crumbling with age in a gardenwall; the sweet breath of young cows standing in a mountain stream; the lead roof of a dovecote - or perhaps a granary - with the mid-day sun on it; black kid gloves lying in a bureau drawer of walnut wood; a dusty road with a horses' drinking-trough beneath the sycamores; little mushrooms bursting through the rotting leaves; and - and - and"

2. In addition to all this strictly scientific work, in which [he] collaborated with his human observers, he planned to undertake two popular books entirely on his own. One was to be called *The Lamp-post, A study of the Social Life of the Domestic Dog*. The opening passage is interesting for the light which it throws on [his] temperament. "In man, social intercourse has centered mainly on the process of absorbing fluid into the organism, but in the domestic dog and



COMPARISON OF MEMBERSHIP AND MEETING GROWTH BETWEEN AChems AND SN
(Data on Soc. Neurosci. from article by D.H.Cohen, TINS Oct.'86)

to a lesser extent among all wild canine species, the act charged with most social significance is the excretion of fluid. For man the pub, the estaminet, the Biergarten, but for the dog the tree trunk, the lintel of door or gate, and above all the lamp-post, form the focal points of community life. For a man the flavours of alcoholic drinks, for a dog the infinitely variegated smells of urine are the most potent stimuli for the gregarious impulse".

VI. Awards, Events, Announcements.

1. Awards

a. Three more AChemS members, Al Farbman, Pasquale Graziadei and Joe Price, were among the 16 Javits award winners recently announced by NINCDS. This brings the total number of awards to 223, including 13 from AChemS.

b. The Don Tucker Memorial Award (announced by John Caprio). The 1987 recipient of the Don Tucker Memorial Award was David P. Wellis of Emory University, a graduate student in the laboratory of John Scott. David's presentation entitled, "Intracellular Recordings of Odor Induced Responses in the Rat Olfactory Bulb" (AChemS abstract #97), was selected during AChemS IX as being outstanding research performed by a graduate student in the chemical senses. David's name and university affiliation joins those of previous recipients of the award (Gerlinda Hermann, Celeste Wirsig and Jonathan Pevsner) on a plaque which hangs permanently in the Don Tucker Memorial Conference Room in the Bio Unit I Building at Florida State University. David was also the happy recipient of a \$200 cash award.

c. The Takesago Award (announced by Judy Van Houten).

Dr. Charles D. Derby, Assistant Professor at Georgia State University, is the recipient of the second Takesago award for research in olfaction. Dr. Derby is

internationally known for his work on lobster olfaction, studies that include anatomical, electrophysiological and behavioral approaches. He has discovered that receptor cells of American and spiny lobsters can be exquisitely specific in their sensitivity and has pursued the study of this specificity from the periphery to the central nervous system. Dr. Derby is also sensitive to the natural biological context in which both behavioral and physiological responses must fit. Thus, he has taken care to cross correlate behavior with cellular physiology. In recognition of his achievements, Dr. Derby received a certificate designating him the winner of the 1987 Takesago Award and a check from the sponsor in the amount of \$5000.

d. The R. H. Wright Award (announced by B. P. Clayman).

Dr. Julius Adler, Professor of Biochemistry and Genetics at the University of Wisconsin, is the winner of the 1987 R. H. Wright Award in Olfactory Research. This annual prize is awarded to a person who has recently made an outstanding contribution to the understanding of the process of olfaction. The award consists of a \$5,000 cash award, a \$20,000 research grant, a scroll, and appointment as a Distinguished Visiting Professor at Simon Fraser University to present a public lecture and a series of research-level lectures based upon the cited work. Dr. Adler's investigations of chemo-reception in bacteria were cited by the Governing Committee as an outstanding contribution to the field. Previous recipients of the award were Dr. K-E. Kaissling of the Max Planck Institute, Seewiesen, and Dr. G. M. Shepherd of Yale University.

2. Coming events.

a. UoR-SCI International Symposium on Food Acceptability. University of Reading, U.K., September 14-18, 1987. In honor of the work of Dr. Roland Harper on odor classification and profiling. The

symposium will discuss food acceptability in broad terms, including scientific, commercial and social considerations. For further information contact either Dr. D. M. H. Thompson, Dept. Food Science and Technology, Univ. Reading, Whiteknights, P.O. Box 226, Reading RG2 2AP, U.K. or Ms. Nadya Antoniadou, J. Sainsbury Plc., Rennie House, Rennie St., London SE1 9LL, U.K.

b. The 21st Japanese Symposium on Taste and Smell. Nagasaki Koseinenkin Kaikan, Nagasaki, Japan, November 11-12, 1987. The symposium will consist of five invited lectures and free communications regarding all aspects of taste and smell. For further information contact Dr. Toshihide Sato, Dept. Physiology, Nagasaki Univ. School of Dentistry, 7-1 Sakamoto-machi, Nagasaki 852, Japan.

c. Symposium on Appetite, Thirst and Related Disorders. Univ. of Texas at San Antonio, San Antonio, TX 78285-0662, November 12-15, 1987. In honor of the work of Professor Yutaka Oomura on the neurophysiology of feeding and reinforcement. The symposium will consider the peripheral and central control of food and fluid consumption in the regulation of body mass and composition. There will be four invited lectures plus slide and poster presentations in a Neuroscience format. For further information contact Professor Matthew J. Wayner or Ms. Vicky Robinson, Div. of Life Sciences at UTSA.

d. AChemS X, Sarasota Hyatt Hotel, April 27-May 1, 1988. A call for papers will be sent to AChemS members by Inglis Miller during October.

e. The 8th International Congress of ECRO, Univ. of Warwick, Coventry, U.K., July 18-22, 1988. The topics of invited speakers and of slide and poster sessions will be organized into 13 subject areas. For further information contact Dr. S.

Van Toller, Warwick Olfaction Research Group, Dept. of Psychology, Univ. of Warwick, Coventry CV4 7AL, U.K.

3. Announcements

a. Subscriptions to Chemical Senses. IRL Press has announced new dollar-based (replacing pounds sterling-based) prices for Chemical Senses to apply worldwide except for the U.K. and Japan. To attract new subscribers, IRL is offering a special discount of 25% from the \$60 personal rate for AChemS members, so that a personal subscription can be yours for an initial fee of only \$45.

b. Position openings

(1) tenure-track, 12 mo. assistant professor or sensory scientist position, Dept. of Food Science, Cornell Univ. Responsibilities: 50% teaching (sensory evaluation and sensory science), 50% research in sensory evaluation and flavor chemistry. Qualifications: Ph.D. in food science or related with strong background in chemistry/biochemistry. Salary: competitive. Available: 7-1-88. Contact: Dr. J. H. Hotchkiss, Dept. of Food Science, Cornell Univ., Ithaca, NY 14853.

(2) post-doctoral position, Dept. of Psychology, Univ. Delaware. Responsibilities: single neuron recording from taste areas of macaque CNS. Qualifications: Ph.D. in neuroscience or related discipline with specialty in neurophysiology. Salary: obscene. Available: immediately. Contact Dr. T. R. Scott, Dept. of Psychology, Univ. of Delaware, Newark, DE 19716.

VII. AChemS X.

The following questionnaire from Inglis Miller, Program Chair for AChemS X, should be completed and returned to Inglis in time to influence the form of his call for papers in October.

Tenth Annual AChemS Meeting - 1988

Report from Inglis Miller, Jr., Program Chairperson

The dates for AChemS X are set at April 27 - May 1, 1988. The following persons have agreed to serve on the Program Committee:

Gloria Adamek	Carol Christensen	Barry Davis
Albert Farbman	Robert Frank	Richard Gleeson
Linda Kennedy	Inglis Miller	James Smith

Current levels of participation indicate that about 200 Abstracts will be submitted for the 1988 meeting. About 40% request slide-talk formats and 60% request posters. The major effort of the Program Committee is to organize these presentations into sessions and to schedule the logistic support for the meeting. Please return this questionnaire to help us assess your preferences for meeting organization.

Return to: Inglis J. Miller, Jr.
Dept. of Anatomy
Bowman Gray School of Medicine
Wake Forest University
Winston-Salem, NC 27103

1. Are you satisfied with the opportunity and modes of presentation available at the AChemS meeting?
Yes ☐ No ☐ Comment:
2. Do you favor retaining the general format for sessions in the morning, open afternoons, and sessions in the evening?
Yes ☐ No ☐ Comment:
3. Have you participated in or attended the 4-6 PM Discussion (workshop) sessions in recent years?
Yes ☐ No ☐ Comment:
4. Would you consider making a videotape presentation if the option were available?
Yes ☐ No ☐ Comment:
5. In order to accommodate the number of requests for slide-talk presentations in the 1987 meeting, it was necessary to schedule simultaneous talks. More slide-talk presentations have been requested than can be accommodated without simultaneous talks or more sessions. Rate your preferences for solutions to this problem: (1-highest, 2,3,...; X - You oppose this solution.)

☐ Limit the number of 15 min. talks and assign the balance to posters.

☐ Schedule more talk sessions in the afternoon or evening.

☐ Schedule simultaneous talk sessions.

☐ Schedule simultaneous talk and poster sessions.

☐ Reduce the number of long (symposium) talks.

☐ Other. Comment:

6. Provision of food and beverage for breakfast, receptions, refreshment breaks and beer for the discussion sessions have become a large expense category for the AChemS meeting.

Do you favor (check one) ...?

☐ Retaining current level of service and cost.

☐ Expanding level (and cost) of food and beverage service.

☐ Reducing level of service and cost.

7. Are you satisfied with the service and cost (in general) at the Hyatt House?

Yes ☐ No ☐ Comment:

8. Any additional comments or suggestions for the Program Committee to consider for 1988?