



ASSOCIATION FOR CHEMORECEPTION SCIENCES NEWSLETTER

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JAVITS AWARD TO TWO MORE
CHEMICAL SENSES INVESTIGATORS

Drs. Linda M. Bartoshuk and William S. Cain, both of the John B. Pierce Foundation Laboratory in New Haven, are the latest chemosensory scientists to receive Javits Neuroscience Investigatorships. The award provides up to 7 years of NINCDS support for research in the neurological and communicative sciences. Awardees are selected by the NINCDS Council from the pool of competing grant applications. Drs. Bartoshuk and Cain join five other chemosensory scientist recipients (Lloyd Beidler, Bruce Oakley, Robert O'Connell, Robert Gesteland and David V. Smith). According to NINCDS, additional Javits Investigators will be named at Council meetings in January and May 1985.

IMPORTANT INFORMATION FOR
GRADUATE STUDENTS

DON TUCKER MEMORIAL AWARD

The second annual "Don Tucker Memorial Award" will be presented to a graduate student following AChemS VII who, in the opinion of the committee, had an outstanding presentation (oral or poster). The award will consist of: (1) the name of the recipient being added to an engraved plaque at Florida State University (Biology Unit 1 Building) where Don Tucker worked, and (2) a monetary award of \$200. The first annual Don Tucker Award was presented to Gerlinda Hermann of the Brain Research Institute, UCLA, for her AChemS VI

presentation entitled, "Vago-gustatory interactions in the parabrachial nucleus of the rat". Don Tucker's work in the field of the chemical senses was of exceptionally high quality, and his influence through contacts with doctoral, postdoctoral students and colleagues will long be felt. Graduate students who are sole or first authors of an abstract to be presented at AChemS VII and who wish to be considered for this award, please send a copy of the abstract by April 1 to:

John Caprio (Phone: 504/388-1132)
Dept. of Zoology & Physiology
LSU
Baton Rouge, LA 70803

HOUSING FOR GRADUATE STUDENTS AT ACHEMS VII

AChemS will provide multiple occupancy rooms (3-4 individuals per room) at the Hyatt Hotel for graduate students without financial support for housing at AChemS VII. Students who wish to apply for space in these rooms please call John Caprio (see above) immediately.

* * NOTE * *

BALLOT AND RETURN ENVELOPE FOR 1985
ACHEMS ELECTION ARE ENCLOSED

MEETING NOTES

NOVEMBER 10, 1984 - Esmail Meisami, Department of Physiology-Anatomy, University of California, Berkley, hosted Chemical Senses Day II. The first meeting of Western chemosensory scientists had been hosted by Rose Marie Pangborn at University of California, Davis in October, 1983. The one day program consisted of:

Session I. Olfaction: Human Studies

AMOORE, John E., Olfacto-Labs., El Cerrito, CA. "Odor threshold levels: detection, objections, warning."

BUTTERY, Ron G., Western Regional Labs, USDA, Berkeley. "The odor of vitamin B₁."

EBELER, Susan E., R.M. Panghorn & W.G. Jennings. Univ. Calif., Davis. "Effects of various media on the aroma intensity of methone."

PANGBORN, Rose Marie & Andrea Kaye, Univ. Calif., Davis. "Hedonic responses to microencapsulated fragrances by California-born Anglo-American vs. Tiawanese Students."

Session II. Olfaction: Experimental studies in animals

AKERT, Pat, Univ. Calif., Berkley. "Orientation to a point source of pheromone in still air."

DAVIS, Edward E., SRI International, Palo Alto. "Peripheral chemoreceptors and regulation of insect behavior."

GRAJSKI, Kamil A., Univ. Calif. Berkeley. "Tree-structured methods classify spatial patterns of bulbar EEG."

MEISAMI, Esmail, Univ. Calif., Riverside. "Early olfactory deprivation and olfactory epithelium."

MORTON, Thomas, Univ. Calif., Riverside "Selective modification of proteins in the olfactory epithelium of tiger salamanders."

RUSSELL, Michael J., Sonoma State Hospital. "Olfactory influences on the immune system."

SESSION III. Gustation: Human Sciences

BLAIS, Christina. R.M. Pangborn, N. Borhani, & M.F. Ferrell, U.C. Davis. "Effect of dietary sodium restriction on salt taste responses."

FROEHLICH, Deborah, & R.M. Pangborn, Univ. Calif., Davis. "Effect of oral administration of starch on secretion of salivary amylase."

GUINARD, Jean-Xavier. Univ. Calif. Davis, P. MacLeod, & A. Faurion. "A psychophysical study of chemoreception and perception of sweet and bitter tastes."

MURPHY, Claire, San Diego State Univ. "Age-associated changes in chemosensory preference."

SESSION IV. Gustation: Human and animal studies

FERRELL, Fay, Univ. Calif., Davis. "Genotype and dietary NaCl levels affect salt sensitivity and preferences in Dahl rats."

KUBO, Issac, Univ. Calif., Berkeley. "Naturally occurring insect feeding deterrents: structure and activity."

NOBLE, Ann C. & Jane Leach. Univ. Calif., Davis. "Bitterness; Caffeine vs. quinine."

O'MAHONY, Michael, Univ. Calif., Davis. "Sequential sensitivity analysis for sensory difference testing."

Subsequent meetings are tentatively scheduled for Fall, 1985 at SRI International, Palo Alto, CA (E.E. Davis, host) and for Fall, 1986 at the Western Regional Labs. in Berkeley (R.G. Buttery, host). For more information, contact R.M. Pangborn, Food Science & Technology, Davis, 95616.

**OVERNIGHT DELIVERY SERVICES THANK
ACHEMS MEMBERS**

AChemS VII Program Chairman, Gary Beauchamp, reports that 183 abstracts have been submitted for this year's annual meeting. An astounding 57 were received before the deadline. The remainder arrived on or shortly after the deadline, primarily by way of overnight express mail. Clearly this year's Program Chairman has struck an impressive amount of fear into the hearts of many of the membership.

Please note that AChemS VII officially begins Wednesday evening, April 24 with registration from 6:00-8:00, followed by the annual Givaudan Lecture from 8:00-9:00 and registration from 9:00-11:00. Registration will also be available before and between sessions on Thursday. This year's Givaudan lecture, "Explorations of the Insect olfactory system" will be given by John Hildebrand. The final session, Sunday, April 28, will be two symposia: Genetics in Chemoreception from 8:30-10:00 and Current Advances in Neurochemistry of the Mammalian Olfactory System from 10:30-12:00. The meeting will end at noon Sunday.

POSITION AVAILABLE

INSTRUCTOR/ASSISTANT PROFESSOR OF PHYSIOLOGY, faculty position (non-tenure track) available before July 1, 1985 to conduct research on neural regeneration in the olfactory system. Individuals with expertise in neuroanatomical and/or electrophysiological techniques will be given preference. Opportunity to participate in graduate and/or professional school teaching. Salary will depend on experience. Support available for up to 4 years. Applicants should have M.D. or Ph.D. degree in neurophysiology or related field. Send curriculum vitae and names of three references to: Dr. Richard M. Costanzo, Department of Physiology and Biophysics, Medical College of Virginia, Box 551 MCV Station, Richmond, VA 23298. An Affirmative Action/Equal Opportunity Employer (12/84).

ACHEMS DUES REMINDER

Send your 1985 membership dues (\$20 regular, \$10 student) to Dr. Marion Frank, Membership Chair, right away (see address below). The 1985 membership directory goes to the printer March 20 and your name will not be in it if you have not paid your 1985 dues. The new directory will be available at the AChemS VII meeting to all members in good standing. Make your check payable to AChemS and send to:

Dr. Marion Frank
Department of Oral Biology
University of Connecticut Health Center
Farmington, CT 06032

1985 WRIGHT AWARD CALL FOR NOMINATIONS

BRITISH COLUMBIA. The R.H. Wright award in olfactory research was established in 1984 by an anonymous donor in recognition of the accomplishments of Robert H. Wright. The prize, awarded to an individual in recognition of outstanding and ongoing achievement in research in olfaction, consists of:

- 1) A scroll citing the contributions made by the recipient
- 2) A \$5,000 cash award
- 3) Appointment as Distinguished Visiting Professor at Simon Fraser University.
- 4) A \$20,000 grant for research and to pay expenses of the visit to Simon Fraser University to receive the award and present lectures. Lectures will be published.

The names of proposed candidates and supporting information (especially recent work, published or unpublished) should be sent before 15 March 1985 to B.P. Clayman, Simon Fraser University, Burnaby, British Columbia V5A 1S6, Canada. Please note, supporting information must be written in or translated into English.

ERRATUM

Dr. David V. Smith's name was inadvertently and without malice left off of the chart of AChemS officers. He is, in fact, the current Executive Chairperson Elect.