



# NEWSLETTER

INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

Volume 20, Number 2, August 2003

## Future Meeting Sites



The theme for the ISCE 2004 Annual Meeting is: **Chemical Ecology and Phytochemistry in Forests and Forest Ecosystems**. This will be a joint meeting with the Phytochemical Society of North America (PSNA). The meeting will take place on the campus of the University of Ottawa, Canada, on July 25-29, 2004.

There will be a symposium addressing the theme and participants are encouraged to submit papers and posters dealing with various aspects of chemical ecology that fit in the forest ecosystem, both temperate and tropical (plant/plant interactions; plant/animal interactions; animal/animal interactions; pheromones, etc).

Participants wishing to organize symposia on specific topics are also encouraged to inform the organizers by October 31, 2003. This is an absolute deadline.

Letters of invitation are available from meeting hosts Prof. J.T. Arnason / Prof. B.J.R. Philogène if they are required to help attendees obtain funding ([jarnason@science.uottawa.ca](mailto:jarnason@science.uottawa.ca) [bphilog@science.uottawa.ca](mailto:bphilog@science.uottawa.ca) ).

Other scheduled meetings are:

- 2005, Maryland, USA (Organizer Jeff Aldrich)
- 2006, Barcelona (Organizers, Angel Guerrero and Francisco Camps)

## *In This Issue:*

- Future Meeting Sites
- From The Editor
- Election Results
- Member News
- Books of Interest
- Positions Available

The ISCE Newsletter is published triannually, in October, February, and June. It is financed through member contributions. None of the material contained herein may be reprinted without the proper written acknowledgment of the editor. Address all correspondence and newsletter submissions to the editor.

(Stephen Foster, [stephen.foster@ndsu.nodak.edu](mailto:stephen.foster@ndsu.nodak.edu)).  
Deadline for the next issue is October 1, 2003.

- 2007, Jena, Germany (Organizer Wilhelm Boland)
- 2008, Pennsylvania State University, USA (Gary Felton, Jim Tumlinson)
- 2009, Neuchatel, Switzerland (Ted Turlings)

## Election Results



### Vice-President and President-Elect:

Professor Hanna Mustaparta, Department of Biology, Norwegian University of Science and Technology, Trondheim, Norway, has been elected as the new ISCE Vice-President and President-elect.

Dr Mustaparta is internationally renowned for her work on the mechanisms underlying olfactory coding and olfactory learning in insect-plant interactions and pheromone communication in insects. Dr Mustaparta is a member of The Norwegian Academy of Science and Letters

# INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

## From the Editor

By this time, the first joint ISCE-APACE meeting should have taken place in Gyeong-ju, South Korea. The meeting would have been the second ISCE meeting held in Asia, and was intended by its principal organizer, Dr K.S. Boo, to bring together chemical ecologists from Asia and the Pacific region, many of whom have difficulty in attending meetings outside of their region, with those from other parts of the world. Unfortunately, the confluence of international events such as the war in Iraq, uncertainty over North Korea, and especially the outbreak of SARS, probably conspired to deter members from attending the meeting. The low actual and projected registration numbers, which would have made the meeting uneconomic to stage, combined with the realization that the aim of bringing chemical ecologists from around the world to Asia, would not be achieved, led to Dr Boo deciding, with the full support of the ISCE executive, to cancel the meeting. Needless to say, this decision was not taken lightly especially since, at that late stage, Dr Boo and his co-organizers had already done much of the planning and organizing, and a number of members had already finalized their travel plans.



Along with disappointment, the cancellation of the meeting brought home to me many of the benefits and practicalities of the annual meeting for us, as researchers and members of this society. First and foremost it provides the best live forum for presentation of data in the field of chemical ecology. No other scientific meeting covers the range of topics in chemical ecology with such depth, and with so many of the leading researchers present. Related to this, is the fact that the annual meeting is also the best opportunity to meet with many colleagues and discuss research and issues in our field. The relatively small size and informal nature of the annual meeting means that it is relatively easy to meet with virtually everybody at the meeting. The annual meeting is also an opportunity for members to honor formally some of the outstanding contributors to the development of the field of chemical ecology. The intended recipients of this year's Silver Medal and Silvetein-Simeone Awards, Jeremy McNeil and Richard Vogt, will now present their talks and be honored at the Ottawa meeting next year. In order that we will not double up on award winners at the Ottawa meeting, the Executive decided that the winners (to be announced in the next newsletter) of this year's vote for these awards, will present their talks and be honored at the 2005 meeting in Maryland. Consequently, we will not be asking for nominations next year for the awards.

On a practical level for the society, the annual meeting is important for the smooth running of the society. It essentially offers the only opportunity for Executive and Council members to meet and discuss and resolve various matters of interest to the society, as well as providing a forum for members to express their views and vote on these and other matters. The cancellation of the annual meeting has meant that these issues have had to be dealt with by remote communication, a more difficult and less satisfactory process. For example, the financial statement for the past year is currently being prepared by Steve Teale, and this will be checked by two members, however, members will not be able to vote to accept/reject it until the Ottawa meeting.

With the cancellation of this year's meeting it is therefore doubly important that members make a special effort to attend next year's meeting in Ottawa, July 25-29 being organized by Thor Arnasson and Bernard Philogene. Next year's meeting will also be a joint meeting held in conjunction with the Phytochemical Society of North America. More details about this meeting are given below.

Finally, the new Executive has assumed duties, albeit without the usual fanfare offered at the annual meeting. Tom Baker has taken over the position of President from Jean-Luc Clément, with Jean-Luc replacing Murray Isman as past-president. Steve Teale and myself remain as Treasurer and Secretary, respectively, while, completing the group, is Hanna Mustaparta who was elected vice-president. I would like to express my congratulations to Hanna, and also to Manfred Ayasse, Anne-Geneviève Bagnères, Ken Haynes and Hiromi Sasagawa who have been elected as new councilors.

# INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

and The Royal Norwegian Society of Sciences and Letters. She is a frequent participant in meetings of ISCE and regularly referees and publishes papers in the Journal of Chemical Ecology.

## Councilors

ISCE councilors are elected for a term of three years. Councilors are appointed from various geographical and subject areas, and advise the ISCE Executive Committee. Our new councilors will be:



**Professor Manfred Ayasse**, Department of Experimental Ecology, University of Ulm, Germany. Professor Ayasse's research interests focus on the Chemical Ecology and Behavioral Ecology of hymenopteran insects and the reproductive biology of orchids.



**Dr. Hiromi Sasagawa**, Tokyo Metropolitan Institute for Neuroscience, Japan. Dr. Sasagawa's research interests range from the identification of semiochemicals involved in social communication, to endocrine-based modulation of neural and behavioral responses to these semiochemicals.



**Dr. Anne-Geneviève Bagnères**, Institut de la Recherche sur la Biologie de l'Insecte, CNRS, Tours, France. Dr. Bagnères work is concerned with the chemical ecology of social insects.

The outgoing councilors are John Hildebrand, Wilhelm Boland, Nelida Gomez, Ann Hagermann, and Steven Seybold. The Executive thank them for their conscientious duty during their terms on the council.

## Member News

Christopher Fettig and Steven Seybold have recently moved from the Universities of Georgia and Minnesota, respectively, to Research Entomologist positions with the USDA Forest Service, Pacific Southwest Research Station in Davis, California, USA. The two scientists will focus on a research program on the chemical ecology of bark beetles that addresses questions ranging from the basic (e.g. molecular regulation of pheromone biosynthesis) to the applied (e.g. population management techniques using semiochemicals). The bark beetle research program is part of the Western Center for Chemical Ecology and Management of Forest Insects led by Michael Haverty (Albany, California).



**Dr. Kenneth Haynes**, Department of Entomology, University of Kentucky, Lexington, Kentucky, USA. Dr. Haynes research at the University of Kentucky focuses on the evolution of species-specificity of chemical communication in moths and aggressive chemical mimicry by bolas spiders.

# INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

## Books of Interest

**Insect Chemoreception: Fundamental and Applied** by Michael F. Ryan.

Published by Kluwer Academic Publishers.

See <http://www.wkap.nl/prod/b/1-4020-0270-X> for more details.

**Vomeranasa Chemoreception in Vertebrates** by Dr Charles Evans.

From World Scientific Publishing

More about this book at <http://www.wspc.com.sg/books/lifesci/p230.html>

The publishers are offering a 20% discount to ISCE members if orders are placed online by 30th September 2003. To obtain the discount, key in the code:WSPC1000 when you checkout from the online bookshop at <http://www.wspc.com.sg/books/lifesci/p230.html>.

## Positions Available

### Supervisory Research Scientist

USDA, Agricultural Research Service, Northern Plains Area, Red River Valley Agricultural Research Center, Fargo, North Dakota, seeks a permanent full time GS-14/15 Supervisory Research Scientist [Research Biologist (Biochemistry), Research Molecular Biologist (Insects), Research Physiologist (Insects), Research Geneticist (Insects), or Research Chemist] to serve as Research Leader of the Insect Genetics and Biochemistry Research Unit. Incumbent will be responsible for all aspects of the Unit management including fundamental research on development of environmentally safe and pest-specific methods for insect and weed control using biochemical, genetic, molecular biological, and physiological approaches; and for interaction with USDA administrators and cooperators in universities and industry. Incumbent will maintain a personal research program in area of expertise. U.S. citizenship is required. A Ph.D. or equivalent doctoral degree, OR specialized is required. Salary range of \$79,344-\$121,330 per year. Benefits package available. For information on the research program and/or position contact Dr. L. Chandler at 701-239-1371 or via e-mail [chandlel@fargo.ars.usda.gov](mailto:chandlel@fargo.ars.usda.gov). A copy of this vacancy announcement appears at web address <http://www.afm.ars.usda.gov/jobs/ARS-X3W-3437.htm>; or call 301-504-1561 for a printed copy. Vacancy closes 10/

20/03. USDA/ARS is an Equal Opportunity Provider and Employer.

### Microbial/Chemical Ecology Position

Post-Doctoral Research Associate position available immediately. Service Obligation: 100% research. Responsibilities: To conduct research on bacterially derived semiochemicals that mediate mosquito oviposition behavior. Salary: Commensurate with experience. Qualifications: Ph.D. trained in microbiology, entomology, or related fields. Experience in microbial ecology, including culture and identification of bacterial species. Alternatively, chemical ecology, including extraction, purification, behavioral assays and identification of semiochemicals. Instrumentation skills, including GC, MS, TLC, HPLC, and electrophysiology (EAG, GC-EAD) experience desirable.

To apply, submit resume, transcripts, relevant reprints and manuscripts, letter describing background, skills and interests. Also submit names, addresses and phone numbers of three references to:

Dr. Coby Schal

Department of Entomology, Box 7613, North Carolina State University Raleigh, North Carolina 27695-7613 919.515.1821, [coby\\_schal@ncsu.edu](mailto:coby_schal@ncsu.edu)

Closing date: When a successful candidate is found.



Stephen Foster, Editor  
Department of Entomology  
North Dakota State University  
Fargo, ND 58105, USA  
[Stephen.foster@ndsu.nodak.edu](mailto:Stephen.foster@ndsu.nodak.edu)

Visit the ISCE Webpage at <http://chemecol.org/>