ISCE NEWSLETTER

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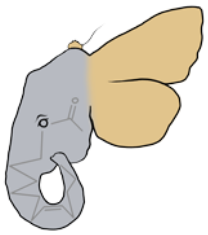
Secretary's Message

Dear members, I am happy to introduce our new secretary Irena Valterová who has coedited this Newsletter. I wish her good luck and I hope you will send her interesting news and information to be able to edit the ISCE homepage and future Newsletters. The five years as secretary in the society has been very interesting for me; many people have shared news and sent comments for the Newsletters. Thank you all for giving me this opportunity. I am now looking forward to arranging the Stockholm meeting, together with Christer Löfstedt, which will be between 29 of June and 3 of July 2015. I hope to see you all there. At the forthcoming meeting in Urbana Illinois in July, Christer Löfstedt will present our conference ideas so far. Please contact me or him if you are willing to arrange a symposium.

Anna-Karin Borg-Karlson
ISCE Secretary

30th Annual Meeting of the ISCE:



ISCE-CSIV 2014
INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY
CHEMICAL SIGNALS IN VERTEBRATES
Urbana-Champaign, Illinois
July 8-12, 2014

Please join us on the campus of University of Illinois at Urbana-Champaign July 8 through 12 to help us wish the International Society of Chemical Ecology a Happy 30th Birthday! The 30th annual meeting of ISCE will be the first held jointly with Chemical Signals in Vertebrates group (http://www.wku.edu/csiv/), which will be holding its 13th triennial meeting. The year 2014, marking the 30th anniversary of the first ISCE meeting (and, as well, the 40th anniversary of the founding of the Journal of Chemical Ecology) is an ideal occasion to mark how the discipline has grown, conceptually, taxonomically, and methodologically. Scheduled symposia, plenary lectures, and social activities thus span a broad range—ranging from birds to bees. biofilms to Hollywood films, and cattle to catalysts, to illustrate. Every -ome will be on the program—pheromones, allomones, kairomones, synomones, and apneumones, as usual, but also genomes and transcriptomes, cytochromes and microsomes, rhizomes and trichomes, protostomes and deuterostomes, and maybe even a few new –omes! Visit the official website for meeting details, including the list of plenary speakers and symposia: http://www.life.illinois.edu/isce.
Among the special events to commemorate the anniversary year, there will be a roundtable discussion with three generations of chemical ecologists and a pheromone film festival to reflect on how chemical ecology influences popular culture. In addition to the scientific sessions, a pre-

conference tour of the Field Museum in Chicago and an RNA-Seq workshop on the UIUC campus are available. Registration and abstract submission are currently open. Please come! Remember, in 2014, ISCE = Illinois Salutes Chemical Ecology!

May Berenbaum
Host of the ISCE Annual Meeting

Results of the 2014-15 ISCE Elections

Vice President

Kenneth F. Haynes is a Full Professor and the Bobby C. Pass Professor of Entomology at the University of Kentucky, where he has worked since 1986. He received his Ph.D. in 1982 working with Professor Martin C. Birch, now deceased, at the University of California, Davis. He went on to conduct postdoctoral research at the University of California, Riverside working with Professor Thomas C. Baker. He has broad interest in behavioral aspects of chemical ecology, and has been excited to have the opportunity to study diverse taxa including moths, beetles, bed bugs and bolas spiders. He has taught Insect Biology, Insect Behavior and graduate seminars in behavior and chemical ecology. He has served the ISCE as Councilor and Treasurer. He wrote a book on "Insect Pheromones" with Martin C. Birch, edited two volumes on "Methods in Chemical Ecology" with Professor Jocelyn G. Millar, and has over 100 scientific papers and reviews. He is a Fellow of the American Association for the Advancement of Science, the C.V. Riley Award winner from the North Central Branch of the Entomological Society of America, and has received research recognitions from his institution.

Secretary

Irena Valterova is the Head of the Research Team of Infochemicals of the Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic in Prague. She graduated in organic chemistry at the Faculty of Natural Sciences of the Charles University in Prague. As a PhD student, she worked on isolation and structure elucidation of defense substances of termite soldiers under the supervision of Dr. J. Vrkoc.

As a postdoctoral research fellow, she spent two years (1990-1992) at the Royal Institute of Technology in Stockholm, Sweden. She worked in the group of Prof. T. Norin on enantioselective separations using a two-dimensional gas chromatography. Her current research includes chemical communication in bumblebees and biosynthetic formation of male marking pheromones. Part of her research is devoted to bumblebee lipids and their roles in the pheromone biosynthesis.

Irena became an ICSE member in 1993 where she served as councilor in 2002-2004. She is an active member of the Czech Chemical Society where she works in the Executive Committee, and member of the Czech Society for Biochemistry and Molecular Biology, where she works in the Executive committee of the Lipidomic section. Furthermore, she is a member of the Board for Alfred Bader Prize awarding outstanding Czech young scientists in bioorganic and bioinorganic chemistry. Within the frames of her work with talented young people, she also acted as a juror of the YEER international competition (Young Europeans Environmental Research) during the period 1996-1997.

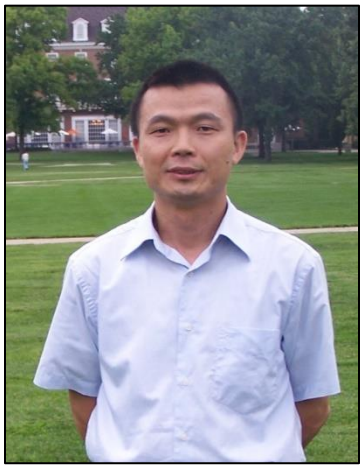
New Councilors

Elisabeth J. Eilers is a postdoctoral researcher at the Institute of Biology, Freie Universitaet Berlin, where she heads a project implemented in a Collaborative Research Centre (CRC) on "Priming and Memory of Organismic Responses to Stress" (http://sfb973.de). Her project which started in 2012 focuses on the question how and at which conditions insect egg deposition warns a plant of future herbivory. Her current position also includes supervising undergraduate students who are co-working with her on the CRC project. Her scientific education at German universities and research institutions (Bielefeld, Goettingen, Jena, Berlin) linked basic and applied ecology, neurobiology and chemistry. She studied first "Environmental Science" (BSc) and earned her Master´s degree in "Agricultural Science". During her Master's studies she spent two field seasons in the U.S. at UC Berkeley investigating agro-ecological aspects of insect pest control in Californian almond production. In 2012, she finished her PhD studies on the sensory ecology of a root-feeding scarab beetle; these studies were part of a joint project between the Max-Planck Institute for Chemical Ecology (supervised by Prof. Dr. Bill Hansson and Dr. Andreas Reinecke, Jena, Germany) and the Freie Universitaet Berlin (supervised by Prof. Dr. Monika Hilker). She highly appreciates chemo-ecological research because of its two- or even multidimensional approach to answer scientific questions.

Patrizia d'Ettorre is Professor at the Laboratory of Experimental and Comparative Ethology, University of Paris 13, Sorbonne Paris Cité.She received a PhD in Animal Behaviour at the University of Parma (Italy) in 1996, followed by postdoctoral research at the University of Tours (France) with a Marie Curie Individual Fellowship, and then at the University of Regensburg (Germany). From 2005 to 2009 she

has been associate professor at the Centre for Social Evolution, University of Copenhagen (Denmark), with a Marie Curie Excellence Grant. Patrizia has edited a book (Sociobiology of Communication, Oxford University Press, 2008), published 5 book chapters and over 70 research papers in international journals (e.g. Biology Letters, Current Biology, Evolution, Journal of Chemical Ecology, Proceedings Royal Society B, etc.). Her areas of interests are chemical communication, social insects, evolution of queen pheromones, recognition systems, perception of multi-component chemical signals, learning and memory.

Astrid T. Groot is associate professor at the University of Amsterdam (UvA) (80%), group leader at the Max Planck Institute for Chemical Ecology, Jena, Germany (20%) and adjunct research assistant professor at North Carolina State University (NCSU). She received her MSc with honors from the UvA in 1995, her PhD in 2000 at Wageningen University, followed by postdoctoral research at NCSU. Her areas of interest include the evolution of sexual communication in moths, plant-insect-microbe interactions, and quantitative genetics. She has authored 50 research articles on these subjects. Since 2010 she is editorial board member of Biology Letters and recently has been invited to become associate editor of the new journal Frontiers in Ecology and Evolution, Chemical Ecology section. Summer 2013 she was also elected to become council member of the European Society for Evolutionary Biology.



Resen Zeng has been working on chemical interactions between plants and other organisms for more than 25 years. He has expertise in various aspects of chemical ecology including plant-plant allelopathic interaction, plant-microbe interaction and plant-insect interaction. Currently he holds the Pearl River Scholar Distinguished Professor of Guangdong Province, China. He is also serving as Editorial Board Member of several international journals including Annual Review of Entomology, Journal of Chemical Ecology, Allelopathy Journal and Allelochemical Interactions. He is the President-elect of International Allelopathy Society. He has published over 70 peer-reviewed research papers and 8 book chapters. Prof. Zeng has been very active in the chemical ecology world, and participated in several ISCE international chemical ecology meetings (such as 2011 in Burnaby (Canada) and 2013 in Melbourne.

Other News and Positions Available

Positions available, conferences in related areas and other news are continuously posted at the society website: www.chemecol.org.