



16 March 2014

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Note: This newsletter contains information about the 2014-15 ISCE officer election and candidates for new Vice President, Secretary and four new Councilors. Please read the candidate biographies and place your vote at the online ballot at <http://chemecol.org/election.shtml>.

The current executives thank all our candidates in this election for volunteering!

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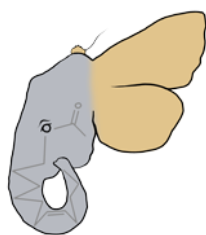
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## 30<sup>th</sup> Annual Meeting of the ISCE: Champaign-Urbana, IL, USA

Below is the latest news from meeting host May Berenbaum regarding the upcoming ISCE meeting in Illinois (**July 8-12, 2014**). More information may be found at the official meeting website (<http://www.life.illinois.edu/isce-csiv/>).

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### ISCE-CSIV 2014

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



The University of Illinois at Urbana-Champaign happily invites you to attend the 30th annual meeting of the International Society of Chemical Ecology, in Urbana, Illinois, July 8-12. This year, ISCE will meet jointly with the Chemical Signals in Vertebrates group; the overall objective of the meeting is to bring together chemical ecologists from around the world to exchange information on cutting-edge research on the chemical mediation of interactions among organisms. Scheduled symposia and plenary lectures span a broad range of disciplines and taxa and encompass both basic and applied research.

Visit the official website for meeting details, including the list of plenary speakers and symposia: <http://www.life.illinois.edu/isce-csiv/index.html>. 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 the place of chemical ecology in popular culture. In addition to the scientific sessions, tours and workshops will be part of the program. Registration and abstract submission are currently open. **All abstracts must be submitted by May 1, 2014.** More information can be found at: <http://www.life.illinois.edu/isce-csiv/abstractguidelines.html>

Travel awards are available to graduate students and junior post-doctoral students (within 2 years of PhD) that are members of the ISCE and presenting at the meeting. **The deadline for travel award applications is April 7, 2014.** Please visit the ISCE website for more details: <http://www.chemecol.org/travelawards.shtml>

We hope to see you soon—remember, in 2014, ISCE = Illinois Salutes Chemical Ecology!

May Berenbaum

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## **31<sup>st</sup> Annual Meeting of the ISCE: Stockholm, Sweden**

The annual meeting of the International Society of Chemical Ecology in 2015 will be held in Stockholm, Sweden, June 29th – July 3rd.

The general program will be announced in September 2014, but we already invite you to submit your **suggestions for symposia, workshops and plenary talks**. We also welcome general ideas about how to make the meeting a successful and enjoyable one.

**Deadline** for this first call is **May 1st, 2014**. Please submit your ideas for workshops, symposia, etc. to [akbk@kth.se](mailto:akbk@kth.se), including a brief outline of the topic and a list of potential speakers.

Anna-Karin Borg Karlson and Christer Löfstedt

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### **Current Vice President and designated ISCE President 2014-2015: Stephen Foster**



**Stephen Foster** is a Professor in the Department of Entomology at North Dakota State University in Fargo, where he has worked since 2000. He obtained his Ph.D. in chemistry at the University of Waikato in New Zealand, before being employed by the New Zealand Department of Scientific and Industrial Research, Entomology Division, in Auckland. His first exposure to chemical ecology was working on the sex pheromones of a group of cryptic species of New Zealand tortricid moths with Dr. Wendell Roelofs, on sabbatical in New Zealand for six months. Since then, his work has focused mainly on the chemistry and biochemistry of communication and host finding/acceptance in herbivorous insects. His current research interests focus on the use of stable isotope tracer methods for studying the allocation of metabolites to the biosynthesis and regulation of fats and pheromones used in reproduction for insects. He has been a member of ISCE since 1992, attends ISCE annual meetings regularly, and

served as secretary from 2002-2008. He has been an Associate Editor of the Journal of Chemical Ecology since 2007.

## 2014-15 ISCE Elections

All members are invited to vote in the 2014-15 ISCE Elections. This year the membership will vote to select a vice president, a secretary, and four councilors. The **vice-president** serves one year in this position and then serves as president in the following term. The **secretary** serves a 3-year term and conducts the correspondence of the Society, including publishing the newsletter and keeping minutes of the Executive Committee. **Councilors** serve a three-year term and act in an advisory capacity to the Executive Committee. For additional information, please consult the ISCE bylaws, available online at the society website.

Elections are conducted via the ISCE website and a ballot is available through the following link:

- <http://chemecol.org/election.shtml>

After reviewing the biographies below, please vote yea or nay for each candidate via the electronic ballot: **ONE** (1) each for Vice President and Secretary and **FOUR** (4) candidates for Councilors. **Voting will close at midnight (EDT) on May 1, 2014.**

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### 2014-15 ISCE Elections: Candidate for 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.

## 2014-15 ISCE Elections: Candidate for Secretary

Our present secretary, Anna-Karin Borg-Karlson, will resign during spring 2014 to prepare for the 31<sup>st</sup> annual ISCE meeting in Stockholm (**29 June – 3 July 2015**). The secretary is the link between the members and the newsletter and website: do not forget to send the new secretary information of general interest, everything from a single photo, to news about interesting conferences, meetings and job opportunities.

**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. She applied this technique in the determination of enantiomeric purity of monoterpene hydrocarbons isolated from insects and plants.

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. She published 126 original scientific papers, 4 review articles, and 4 patents, mainly in the field of chemical ecology.

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.



## 2014-15 ISCE Elections: Candidates for 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

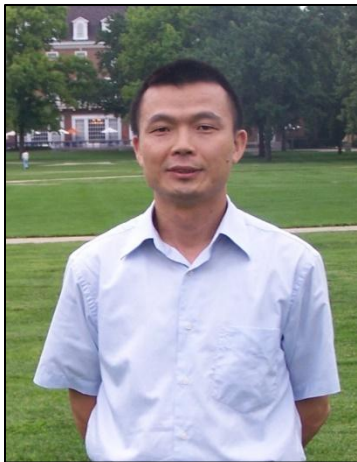
field seasons in the U.S. at UC Berkeley investigating agro-ecological aspects of insect pest control in Californian almond production. In 2012, she finished her PhD studies on the sensory ecology of a root-feeding scarab beetle; these studies were part of a joint project between the Max-Planck Institute 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).

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## New Awards

The ISCE has recently introduced two new awards: the Early Career Award, which closes a gap between student/post-doc awards and the Silverstein-Simeone lecture, and the Syntech Electrophysiology Award, which honors advancements in electrophysiology by graduate students and early-career postdoctoral researchers. Both awards will be awarded for the first time at the 30<sup>th</sup> Annual Meeting in Champaign-Urbana.

## **New Award: Early Career Award in Chemical Ecology**

This award has been announced by email to all members, but for documentation purposes it will be mentioned again here:

The Early Career Award in Chemical Ecology will honor an emerging leader in chemical ecology and honor cutting-edge research that will influence the future direction of the field of Chemical Ecology. It is annually awarded by the ISCE, starting 2014. The award is limited to persons who have finished their Ph.D. studies no longer ago than 8 years (deadline = end of nomination period). The recipient must deliver a plenary lecture at the annual ISCE meeting in the year of the award application. The conference fee, economy flight, and hotel expenses of the recipient of the Award are paid by the society. The nominations will be reviewed by the entire ISCE Executive Committee. Note that previous, unsuccessful nominations must be re-nominated to be considered for the award.

An applicant can nominate herself/himself or he/she can be nominated by an ISCE member. The nomination requires the following documents:

- A nomination letter explaining why the nominee should be recognized for the award, stressing their current independent cutting-edge research. This letter should be supported with one to three support letters from ISCE members.
- A Curriculum Vitae providing the current position, year of receipt of Ph.D. and a full list of publications. The nominee must be a member of the ISCE at least for one year.
- Reprints of the three most important papers as PDF files.

Please submit all parts of the packet in electronic format (including supporting letters) in one pdf file document to the ISCE President.

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## **New Award: Syntech Electrophysiology Award**

The Syntech Electrophysiology Award was established in 2014 and is awarded every year at the ISCE conference to an oral or poster presentation by a student or early-career postdoc (within two years of completing Ph.D.). The award honors special advancement in chemical ecology obtained with electrophysiological methods or new methods in electrophysiology. A small "Golden Probe" goes with the prize, which is sponsored by [Syntech](#). No application is necessary because the award will be judged depending on the presentations during the meeting.



## **Other News and Positions Available**

Positions available, conferences in related areas and other news are continuously posted at the society website: [www.chemecol.org](http://www.chemecol.org).