

ISCE NEWSLETTER

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Webmaster's Message

Greetings from the office of the webmaster! Though I have been in contact with some of you over the years, I have worked mostly behind the scenes to keep our online presence current and useful. The website's most recent upgrade was a big one, and I wanted to take a moment to let everyone know the details. I am sure you have noticed a few cosmetic changes already, such as the rotating images at the top of the website. We are always on the lookout for new images to include in this lineup, so if you have photos of chemical ecology in action, I would be pleased to include them – just let me know!

However, the biggest change for members is the new login section, which can be accessed from the membership tab on our website or through this link (<https://chemecol.org/login.aspx>). Members who are paid through 2015 are already registered with the website through their email address, but will need to create a password by clicking the “create/renew password” link or by following this link (<https://chemecol.org/forgot.aspx>). If you are unsure of the email account on file with the society, please contact the ISCE Treasurer (treasurer@chemecol.org). Lapsed members will need to create a new account by joining the society (<https://chemecol.org/join.aspx>).



Once logged in, you will have options to update your contact information with the society and renew your membership, by way of the usual PayPal or direct credit card purchase. Members can separately purchase a journal membership or donate to the student travel fund – simply choose “none” when asked for years of membership. An itemized receipt, long lacking in our registration process, will be emailed to you upon purchase. Finally, the new website architecture automates the online membership database (<https://chemecol.org/memberSearch.aspx>), so any changes you make will be immediately reflected here.

I hope our new website features will make everyone's membership process easier. Of course, any new software is going to come with its fair share of bugs, so please contact me (webmaster@chemecol.org) if you encounter any errors. Please also let me know if you have suggestions for new login section or the website in general!

Rob Mitchell
ISCE Webmaster

31st Annual Meeting of the ISCE

Dear members and participants, the schedule for the upcoming conference in Stockholm is almost ready and will soon be published on the homepage www.isce2015.com, so please visit for the latest news. The registration closes at the beginning of June and already more than 430 delegates are registered for ISCE 2015 meeting in Stockholm! It is a great honor for us to be the hosts for so many participants from 39 countries, reflecting a high diversity in chemical ecology! If someone at a late stage realizes that this conference is of great interest and wishes to participate, please register immediately or contact us for some last minute advice. We would also kindly want to remind all participants to make sure you have made reservations for

accommodation for your stay in Stockholm. The ISCE website provides some suggestions – but it is still a good idea to compare prices from different websites as lodging can be quite expensive in the Swedish capital. Please contact us if you have questions or problems finding somewhere to stay.

A total of 405 abstracts have been submitted through the form on the website, of which 250 requested an oral presentation. After thorough scrutiny, the scientific committee and the organizers were able to fit 162 talks into the already tight schedule, accepting roughly two thirds. Greater emphasis will be made to make the poster displays a vivid part of the conference, throughout and not only during the poster sessions. All posters will be on display throughout the whole conference right where coffee is served during breaks. During the Tuesday and Thursday Poster sessions, complimentary drinks and snacks will be served. No one needs to be hungry enjoying the posters!

We and the rest of the organizing committee look forward very much to seeing you all in Stockholm. Swedish summers tend to be a tad unpredictable, but we hope for 20-25 °C and a beautiful blue summer sky throughout the day and night – but please bring an umbrella as it might rain, and be 16-20 °C and windy. The sun rises at 03:30 and sets at 22:00, but it never gets totally dark during the night. We would also like to remind you that even though Sweden is a member of the EU and Schengen, it is not a member country of the Eurozone and has its own currency, the Swedish krona (SEK). ATMs are plentiful and credit and debit cards, especially Visa and MasterCard, are accepted almost everywhere. American Express is primarily accepted in high-end stores and in hotels.

We hope to have a nice and scientifically productive time together and we suggest you stay longer in Sweden, before or after the conference, to have time to visit the Stockholm Archipelago by boat or perhaps travel to the true midnight sun in the north.

Looking forward to meeting you all at the conference!

Best wishes

Anna-Karin Borg-Karlson and Christer Löfstedt
David Gotthold (David@chemsoc.se)
Hosts of the ISCE Annual Meeting

Current Vice President and designated ISCE President 2015-2016: Kenneth F. Haynes

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.

Results of the 2015-16 ISCE Elections

Vice President

Christer Löfstedt is a Professor in Ecology in the Department of Biology at Lund University, Sweden. He obtained his Ph.D. in Animal Ecology in 1984, became Associate Professor in 1988, Full Professor in 1997 and serves as Head of the Biology Department at Lund since 2010. Christer grew up with an interest in natural history and environmental issues. Merging these interests with a keen interest in chemistry he obtained his PhD with Professor Jan Löfqvist, working within the large-scale research program *Odour signals for control of pest insects*, which involved 4 different Swedish universities. Spending one semester in the laboratory of Professor Wendell Roelofs at Cornell University’s New York State Agricultural Experiment Station in Geneva in the early 1980’s strongly influenced his research program. He combines research on the evolutionary biology of chemical communication with applied aspects, usually with a focus on moths. His current research includes evolutionary analyses of pheromone communication, pheromone biosynthesis and pheromone receptors, as well as biological production of pheromones in cell and plant factories using a synthetic biology approach.



Christer has been a member of ISCE since the mid 1980’s and attends the ISCE annual meetings regularly. He is also a member of ALAEQ, teaches regularly on international courses on chemical ecology and has a large international network. He has served on the editorial boards of the *Journal of Chemical Ecology* and *Entomologia Experimentalis et Applicata*. He has published more than 170 original scientific papers on various aspects of insect chemical ecology, supervised 20 PhD students and hosted a large number of international post docs.

New Councilors 2015-2018

Renee Maria Borges is currently a Professor and Chairperson of the Centre for Ecological Sciences, Indian Institute of Science, Bangalore, India. She obtained a Masters Degree in Animal Physiology from the University of Bombay, and was awarded a PhD in Biology in 1989 by the University of Miami, Florida, USA, for her work on the role of nutrients and secondary metabolites in forest trees and lianas on the feeding ecology of the endangered, herbivorous Indian giant squirrel in the Western Ghats of India. She focuses on the sensory ecology of plant–animal and insect–fungus interactions. She is particularly interested in how chemicals and host



location mediated by chemicals govern mutualistic and parasitic interactions in the following systems: fig–fig wasp associations that also include phoretic nematodes, ant-plants, fungus-growing termites, and pollination networks. She is currently on the editorial board of *PLoS ONE*, *Acta Oecologica*, *Journal of Biosciences*, and *Journal of the Indian Institute of Science* which, in its centenary year (2015), produced a special issue on Plant Volatiles: Chemistry, Ecology and Evolution that she edited. She has served on the editorial board of *Biotropica* and was a councilor of the Association of Tropical Biology (2001–2003). She has published over 100 research papers including in the *Journal of Chemical Ecology*.

Consuelo De Moraes is a Full Professor at The Swiss Federal Institute of Technology (ETH) in Zürich, Switzerland. She received her B.Sc. from the Universidade Federal de Minas Gerais (Brazil) and earned her doctorate in Entomology at the University of Georgia (USA). Between 2001 and 2013 she was a faculty member in the Department of Entomology at Pennsylvania State University (USA). Her research explores the role of chemical signaling in interactions among plants, insects, and other organisms, with a particular focus on the role of olfactory cues and signals in inter-specific ecological interactions. Professor De Moraes's findings have been published in leading scientific journals including *Nature*, *Science*, and *Proceedings of the National Academy of Sciences* and frequently receive coverage from popular press outlets around the world. She is a Fellow of the American Association for the Advancement of Science and of the Entomological Society of America. Her work has also been recognized via a number of awards and honors, including the David and Lucile Packard Foundation Award, the Beckman Young Investigator Award, the International Chemical Ecology Society's Silverstein-Simeone Lecture Award, and a CAREER award from the US National Science Foundation.

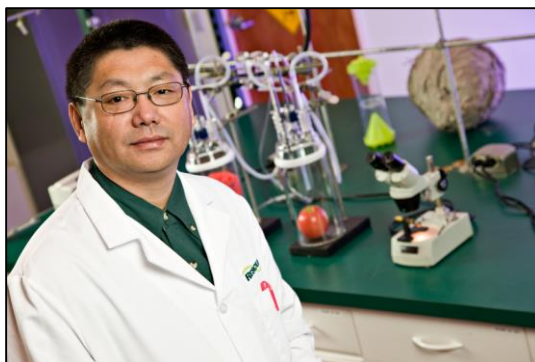


Andrés González Ritzel is Associate Professor at the Chemistry Department of Universidad de la República in Montevideo, Uruguay. He has been involved in Chemical Ecology since his days as a graduate student at Cornell University, where he obtained his PhD with Thomas Eisner working on insect defensive chemistry (1999). Later on, his research has focused on basic and applied aspects of insect pheromones and insect plant-interactions, with emphasis on applied systems in Latin America. He has published more than forty papers in the areas of chemical ecology and natural product chemistry, including publications in the *Journal of Chemical Ecology*, where he also serves as member of the Editorial Board, *Chemoecology*, *PNAS*, *Journal of Natural Products*, *Journal of Insect Physiology* and *The Journal of Experimental Biology*,



among others. He is a founding member of ALAEQ (Latin American Association of Chemical Ecologists) and was co-Chair of the first Congress of ALAEQ in Uruguay (2010). He has also served as Vice-President (2009-2012) and President (2012-2014) of ALAEQ, and has been actively involved in the promotion of Chemical Ecology in Latin America, in particular among young students.

Qing-He Zhang has been working as the director of research at Sterling International, Inc. since 2004, in charge of research and development for the company. He received his B. Sc. and M. Sc. in Agricultural Sciences from Northeast Forestry University, Harbin, China and Ph.D. in insect chemical ecology - plant protection biology from Swedish University of Agricultural Science. As a postdoctoral research fellow, he worked at USDA/ARS Chemical Affecting Insect Behavior Lab (CAIBL) at Beltsville,



MD and at the Department of Entomology, University of Maryland between 2002-2003. Since 1986, Dr. Zhang has been working on various national and international research projects in the area of insect chemical ecology and application of semiochemicals as insect control strategies at several research institutes and universities in China, Portugal, Germany, Sweden and the USA. Dr. Zhang's expertise in electrophysiology, insect behavior and chemical ecology has led him to identify pheromones, kairomones, synomones and other semiochemicals from many economically important pest/beneficial insects (filth flies, mosquitoes, yellowjackets, paper wasps, stink bugs, bark beetles, plant bugs, green lacewings, antlions, pine sawflies, pine moth and longhorned beetles etc); many of them have been used in operational pest management practices, such as monitoring and mass-trapping. Dr. Zhang was the PI for a DoD-SBIR-Phase I/II project (2008-2010) and a NSF-SBIR-Phase I project (2010). Dr. Zhang has published more than 120 peer-reviewed papers in leading scientific journals (including *Annual Review of Entomology*, *Current Biology*, *PLoS ONE*, *Okios* and *Journal of Applied Ecology*, *Journal of Chemical Ecology*). Dr. Zhang owns 21 patents (19 U.S., 1 Chinese, and 1 Australia), and has >10 pending patent applications on insect traps, attractants and repellents. He is currently a councilor of APACE, an associate editor for *Frontiers in Ecology and Evolution* (Chemical ecology), an editorial board member for *Chinese Journal of Ecology*, *Journal of Environmental Entomology*; and a guest editor for a special issue on "Ecological Interactions of Bark Beetles with Host Trees" for *Psyche*. Dr. Zhang has been honored with over 10 national and international academic awards and prizes including the recent U.S. Federal Laboratory Consortium (FLC) Mid-Atlantic Regional Award for Excellence in Technology Transfer (2010). He was the Vice president and President for Overseas Chinese Entomologists Association (OCEA, 2006/2007).

Congratulations to all of you!
