ISCE NEWSLETTER

October 1, 2014



Table of Contents

- 1. Outgoing President's Message
- 2. ISCE-CSIV Meeting 2014 in Urbana-Champaign
 - i. Summary of the Meeting
 - ii. Summary of the round-table discussion
 - iii. Business Meeting
 - iv. Student Award Winners
- 3. <u>ISCE Silver Medal Award</u>
- 4. ISCE Silverstein-Simeone Award
- 5. ISCE Early Career Award
- 6. ISCE Upcoming meeting 2015 in Stockholm
- 7. <u>Call for Nomination of Candidates for the Silver Medal, the Silverstein-Simeone</u> <u>Award, and Early Career Award</u>
- 8. Other News and Positions Available

Outgoing President's Message

Dear members,

What a nice meeting! We had a wonderful time in Urbana with perfect weather and no earthquakes, snakes, or tornados, as predicted by meeting host May Berenbaum. The meeting was very well organized by May and co-organizer Bruce Schulte. We had lots of talks to go to, dealing with diverse topics and excellent speakers, and were potentially able to talk to 321 other participants. Personally I liked very much the input from contributors outside our society. This input brings in new ideas and views and encourages us to think in new directions.



As you know, the Urbana meeting was co-organized with the triannual meeting 'Chemical signals in vertebrates', and I think both groups profited from each other. The joint meetings now are a true success, as we can see from the Urbana meeting and the one last year in Melbourne that was organized together with the Asian-Pacific Chemical ecologists (APACE).

After the meeting in Stockholm next year there will be another joint meeting with the South American Chemical Ecologists (ALAEQ) in 2016. These joint meetings are certainly important in the sense of integration. One goal of the 'International Society of Chemical Ecology' is to promote Chemical Ecology worldwide. Therefore, more integration with the other societies can only strengthen our efforts and bring the field forward.

A central event in Urbana was the round-table discussion we had on the occasion of the 30th birthday of our society. Organized by Monika Hilker and moderated by Julia Kubanek, this discussion shed light on our history, but also on future directions we might go. The discussion showed the need of reaching out from our traditional geographical homes in the US, Europe, and Japan to the many scientists working in Chemical Ecology now in Asia and South America. Surely we need close cooperation with the respective organizations, APACE and ALAEQ, but also to scientists in other areas like vertebrate or microbial chemical ecology. ISCE is the natural host society for all these people.

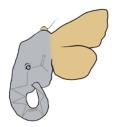
The meeting also saw some changes we implemented. For example, the Early Career Award, which was won in its imaugural year by Sergio Rasmann. This decision was really a tough one because six highly qualified candidates were nominated. The runner-ups should not be disappointed, because next year is a new opportunity. If you know of an outstanding candidate who graduated from a PhD no more than eight years ago, please nominate this person, or even feel free to nominate yourself.

Jocelyn Millar was awarded the Silver Medal for his impressive scientific career and his work and commitment to the society. We are very happy that we found a new sponsor for this award, the Delwart foundation. Bill Hansson gave a brilliant Silverstein-Simeone lecture on his outstanding research on insect olfaction, sponsored by our long-standing partner, Springer. These two awardees, one chemist and one biologist, exemplify the inspiring research in Chemical Ecology that comes from true integration of the two subjects.

There were also some other small changes, that won't be discussed here but, overall, I think the society is in a healthy state. What is still on the agenda for the society? I see the need for more young researchers to become members, meaning that we need to encourage younger scientists to work in Chemical Ecology, to attract more chemists to our area, and also broaden our field to cover more microbiology, marine sciences and vertebrate chemistry.

I think the society has now a perfect team to develop our society further with new president Stephen Foster, vice-president Ken Haynes, new secretary Irena Valterová, and last but not least, treasurer Jeremy Allison. You can support them and the society by emailing them ideas, starting discussions and giving feedback on the society's activities. The society lives through its members.

See you all in Stockholm, Stefan Schulz



ISCE-CSIV 2014

INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY CHEMICAL SIGNALS IN VERTEBRATES

Urbana-Champaign, Illinois July 8-12, 2014



Summary of the meeting by the host May Berenbaum

The 2014 meeting of the International Society of Chemical Ecology was held on the campus of the University of Illinois at Urbana-Champaign. The 2014 meeting of the International Society of Chemical Ecology was the 30th annual meeting of the society, the first

held in the United States since the 2008 meeting at Pennsylvania State University and the first held jointly with Chemical Signals in Vertebrates group, which held its 13th triennial meeting. That these two groups have never before held co-located meetings is a bit surprising given that they share a lengthy common history. The idea for founding an international society of chemical ecology was proposed at the first Gordon Conference on Plant-Herbivore Interactions, held in 1980 in Santa Barbara, California, co-organized by Paul Feeny of Cornell University and Gerald Rosenthal of University of Kentucky. After the second Gordon Conference on Plant-Herbivore Interactions, in 1983, the Executive Committee convened a meeting to plan the first meeting of the new Society in Austin, TX for 1984. At that meeting, vertebrates featured prominently; among the 130 participants at the first meeting was Dietland Muller-Schwarze, a founding member of CSiV.



The 30th anniversary of the first ISCE meeting also happily coincided with the 40th anniversary of the founding of the *Journal of Chemical Ecology*, providing considerable cause for celebration as well as reflection on the remarkable progress of the field over the course of three generations of chemical ecology research.

Attendees at the four-day meeting numbered over 330, representing 33 countries around the world and 31 states within the United States. Of the attendees, there were 74 students, including at least one student who was still in high school (and who was flattered and more than a little amused to be offered a graduate assistantship by an enthusiastic attendee after his talk). Approximately one-third of the attendees went home with a meeting t-shirt featuring the mythical elemoth, a chimeric creature symbolizing the fact that (*Z*)-7-dodecenyl acetate is a component of the sex pheromones of over 140 species of moths and of the urinary preovulatory female-to-male pheromone of the Asian elephant (Rasmussen et al. 1997). Approximately 20 attendees participated in the RNASeq workshop offered before the meeting through the UIUC Institute for Genomic Biology; 41 took advantage of UIUC-sponsored stop at the Field Museum in Chicago for a behind-the-scenes tour en route to Urbana.

The historic Illini Union was the official home of the meeting, with plenaries and symposia taking place throughout the building. Many attendees were housed there as well (with many

others staying a few blocks away at the Illinois Student Residence Hall or the Hampton Inn). Highlights of the program included the award talks: the Silver Medal lecture, "Travels with my ant: from macrolides to methyl branches, presented by Jocelyn Millar, University of California, Riverside; the Silverstein-Simeone lecture, "Olfactory-based resource location and danger avoidance in *Drosophila*," by Bill Hansson, Max Planck Institute for Chemical Ecology; and ISCE's first Early Career Award Lecture, "Elevation gradients as optimal tools for studying variation in plant defense traits against herbivores," by Sergio Rasmann, University of California, Irvine.

Equally well-received were the seven plenary lectures, given by Jerrold Meinwald of Cornell ("Chemical ecology's past, present, and possible future"), Bonnie Bassler of Princeton ("Tiny conspiracies: cell-to-cell communication in bacteria"), Catherine Dulac of Harvard ("Molecular, genomic and neuronal bases of pheromonal signaling in mammals"), Danielle Whittaker of Michigan State ("Silent songs: content and context of avian chemical signals"), Sylvia Anton of Angers University/INRA ("Modulation of insect olfaction: from neurons to behavior"), Murray Isman of University of British Columbia ("Mixtures matter, and other things I've learned about insect-plant chemical interactions") and Robert Raguso of Cornell ("Landscapes of linalool: evolution of a volatile floral signal").

In addition to contributed sessions, formal symposia included:

- 1. Recent developments and new opportunities in chemical ecology for sustainable food production
- 2. Protecting crops by exploring and exploiting plant-mediated tritrophic interactions in the rhizosphere
- 3. Evolutionary ecology of chemically mediated interactions
- 4. The role of bacteria in vertebrate chemical signaling: the scents of symbiosis
- 5. Quorum sensing and biofilms
- 6. Insect communication through cuticular chemicals
- 7. Fungal superhighways: common mycorrhizal networks mediating plant communication
- 8. Chemical ecology of insect herbivore genomes
- 9. Chemical cues and signals structure marine populations, communities, and ecosystems
- 10. The use/application of semiochemicals to manage farm, zoo and wild animals
- 11. Chemical methods
- 12. Effects of pollution on plant defenses, insect behavior and evolution
- 13. Chemical ecology and global decline of pollinators

In recognition of the 30th anniversary, representing three generations of chemical ecologists, a roundtable, organized by Monica Hilker and Julia Kubanek and populated with representatives from all three generations, discussed ISCE achievements, future perspectives, and plans for promoting the field of chemical ecology and the careers of chemical ecologists.

Social activities new to ISCE included a Pheromone Fear Film Festival, attended by about one-third of the people at the meeting, although that number dropped appreciably throughout the evening, possibly due to the less-than-Oscar-worthy nature of the feature film "Empire of the Ants" and possibly due to the "glacial" temperature of the room in Noyes Hall where the movies were shown. Cold temperatures notwithstanding, the audience sing-along to Darren Criss's song Pheromones was enthusiastic (to try it yourself, click on

https://www.youtube.com/watch?v=eWcxLMPBY2k).





Prior to the banquet, a wine and hors d'oeuvres reception was held in the lobby of the Alice Campbell Alumni Center, with musical entertainment provided by the aptly-named Yellowjackets String Band. The Illinois-themed banquet that followed highlighted not only regional dishes but also attributes of their chemical ecology, described on a menu equipped with a bibliography. The edamame and fresh shaved sweet corn succotash with celery, scallion, and red pepper in a sweet thyme vinaigrette, for example, recognized the status of Illinois as the leading state for soybean production, producing 462 million bushels in 2013, and the #2 state in corn production, behind Iowa, with 2.1 billion bushels; a propos of plant chemistry, the UIUC's John Laughnan's discovery in 1953 that a mutation, sh2, produces kernels with 4-10 times more sugar than endosperms of normal corn led to all contemporary "supersweet" corn varieties, which comprise 90% of all US sweet corn grown today. As dessert was served (featuring, among other items, brownies, invented in Chicago for the 1893 Columbian Exposition), door prizes were awarded to several lucky diners. The door prizes were thematically linked to the plenary lectures and were accompanied by poems summarizing the lectures. Due to popular request--i.e., more than three queries--these are provided at the following link:

http://chemecol.org/docs/Plenary Lecture Poetry ISCE2014.pdf

In keeping with the intermittent ISCE tradition of showcasing musical scientists at meetings, a musical interlude was offered on the final day of the program, featuring The Darwinians, comprising (just for the occasion) plenary speaker and former ISCE President Jerrold Meinwald on flute and recorder, Charlotte Greenspan on piano, UIIUC emeritus professor Ian Hobson on piano, Amanda Pond on flute and baroque flute and Amy Flores on cello. The program featured, appropriately, classical pieces about flowers and butterflies (including, among others, Moths and Butterflies by Edward Elgar and The Heliotrope by J. Oswald).

Attendees could choose among local tours on the final afternoon of the meeting; all were wellattended and enthusiastically received (including the



Paul Feeny, 2012 Silver Medal recipient, visiting the Morrow Plots

campus chemical ecology tour, which featured a visit to the Morrow Plots, a cornfield in the

middle of campus which is the oldest continuous soil fertility experimental plot in the United States and the longest-term continuous corn plot in the world (http://cropsci.illinois.edu/research/morrow).

Altogether, some 50 volunteers helped in a myriad of ways to put on the meeting; also invaluable was financial support from many generous donors, including University of Illinois at Urbana-Champaign Office of the Vice Chancellor for Research, Department of Entomology, School of Integrative Biology, College of Liberal Arts and Sciences, Institute for Genomic Biology, United States Department of Agriculture National Institute of Food and Agriculture: Agriculture and Food Research Initiative, AlphaScents, ChemTica Internacional, S. A. ISCA Technologies, Pacific Biocontrol Corporation, Scentry Biologicals, and Sterling International.

Among the official post-conference survey findings (110 respondents):

95% felt that the plenaries and the symposia were good or excellent

61% attended both ISCE and CSiV sessions

91% liked having the joint meeting between ISCE and CSiV

Finally, an unofficial survey of the local organizing committee found that 100% of respondents had a wonderful time hosting and were grateful to the many friends and colleagues who traveled to central Illinois, an admittedly unlikely mid-summer U.S. tourist destination, to come to the meeting--thanks so much to everyone who came!





Left: ISCE local arrangements chair May Berenbaum, with Paul Feeny in front of the UIUC Alma Mater statue. Right: CSiV local arrangements chair Bruce Schulte of Western Kentucky University.

ISCE-2014-Roundtable Discussion - Three Generations of Chemical Ecology

Summarized by Monika Hilker

The roundtable discussion, which was organized by Monika Hilker, Germany, and Julia Kubanek, USA, attracted numerous participants of the ISCE meeting in Illinois. Julia moderated the discussion and introduced the panel, which was represented by Danielle Dixson, USA, and Anke Steppuhn, Germany (young generation), Paulo Zarbin, Brazil, and Alvin Kah-Wei Hee, Malaysia ("central"



generation), and Jeremy McNeil, Canada, and Jocelyn Millar, USA ("silver" generation). The panelists, who not only represented different generations, but also different expertise within our society, addressed a wide range of issues, the roots of the society, its achievements and also future perspectives. We discussed reasons for the relatively low number of society members. A controversial debate started on the question whether a small size of a scientific society is advantageous for efficient (small) scientific meetings or whether the risk of it being marginalized and even disappearing is rather high. Furthermore, the problem of how to fascinate organic chemists in chemical ecology and our society was addressed. A common theme addressed was that chemical ecology needs, in addition to chemical and ecological methods, molecular techniques and bioinformatics as well as the development of a theoretical and evolutionary framework. While many members of the society work on plant-insect interactions, it was highlighted that the society has integrated an increasing number of members studying a wide range of other organisms including vertebrates, marine organisms and microorganisms. The lively roundtable discussion was limited to 90 min, but, of course, no problems were solved within this time. It was not the intention of the roundtable to act like a business meeting, but rather to take the time for self-reflection and to stimulate new thoughts and ideas, which might help promote our society.

Impressions of Champaign-Urbana 2014

Additional photographs are available on the ISCE website: (http://chemecol.org/galleries.shtml)



Business Meeting

ISCE Treasurer's Report (as of 17 June 2014) by J. D. Allison

The ISCE accounts continue to recover from the low point set in 2008 and have a current market value of \$303,264.14, an increase of \$16,047.93 from the year-end value in 2013 (\$287,216.21). Society assets are distributed in stocks (1.5%), mutual funds (74.5%), and cash (24%). To maximize the prospects of a modest appreciation of our portfolio (mostly to keep pace with inflation), our spending should be limited to 4% of the portfolio value not including new revenue from membership fees and sponsors' gifts.

The society received three corporate gifts in 2013. Suterra LLC sponsored the Silver Medal Award (\$5000). Trécé Incorporated sponsored the Student Travel Awards (\$2500). Springer Publishing Co. supported the Silverstein-Simeone Award (\$2000). Thanks are due to these corporations and their representatives (Tom Larsen of Suterra, Bill Lingren of Trécé, and Janet Slobodien of Springer Publishing). Unfortunately, Suterra will no longer be supporting the Silver Medal Award; however, thanks to the efforts of Dr. Ted Turlings DELWART BIOTEC has agreed to sponsor the Silver Medal for the next three years at \$5,000/year. ISCE reimbursed our Silver Medal and Silverstein-Simeone Award winners for 2013 for their travel expenses. We paid the 2013 webmaster (Dr. Rob Mitchell) \$1000. The ISCE will contribute \$12,000 for Student Travel Awards at the 2014 ISCE annual meeting. Travel expenses for our Silver Medal Award winner and our Silverstein-Simeone Award winners for 2014 are pending.

We have 524 active members from 45 countries. There are 97 life members, 334 regular members, 92 student members, and 1 sponsor member. Our membership increased by 31 members in 2014. Currently, student members make up 17.5% of our membership. In recent years we have had a poor rate of membership renewal. For the third year in a row we observed a decline in the rate of non-renewal and simultaneously an increase in membership. This is a good sign.

As a tax-exempt, non-profit organization the ISCE does not pay U.S. taxes. However, new rules require us to file an annual income statement to maintain our tax-exempt status. The process is very simple unless annual revenues exceed \$50,000.

The alternative credit card payment system recently added is working well for most members (74% of all renewals compared to 24% by PayPal; ca. 2% of our members pay by cheque).

The treasurer report 2013 was approved by the present members of the ISCE business meeting.

Decision on future meetings

Zoltán Imrei on behalf of Miklós Tóth (Agricultural Institute, Hungarian Academy of Sciences) offered to host the 2018 ISCE meeting in Hungary (Budapest or vicinity). Chemical ecology has a long tradition in Hungary and the proposers have experience in organizing other meetings. It was decided to accept the Hungary as the meeting site in 2018.

Changes in the Bylaws

It was suggested that for future annual meetings, the time between establishment of the Scientific organizing committee and the following ISCE meeting will be shortened from 2.5 years to 1 year in the bylaws. Electronic meeting (*per rollam*) will be added to the bylaws as an option in

exceptional cases. Bylaws will be changed to represent the electronic age and presented for voting at the ISCE Meeting in Stockholm.

Student Travel Award Winners 2014

Luciana Baruffaldi, University of Toronto, Canada
Paul Egan, Trinity College Dublin, Ireland
Diogo Montes Vidal, Universidade Federal do Paraná, Brazil
Flor Edith Acevedo, Pennsylvania State University, United States
Rohan Brooker, James Cook University, Australia
Tina Keller-Costa, Algarve Centre of Marine Sciences, Portugal
Alberto Prado, McGill University, Canada
Matt Mitchell, James Cook University, Australia
Christopher Wheeler, INRA, France
Maria Sol Balbuena, Universidad de Buenos Aires, Argentina
Simon Groen, University of Arizona, United States
Safaa Dalla, Universität Hamburg, Germany
Amanuel Tamiru, International Center of Insect Physiology and Ecology, Kenya
Qi Yan, Tokyo University of Agriculture and Technology, Japan

Best Student Presentations of the ISCE 2014 Meeting

Best oral presentation

Shabnam Mohammadi, Utah State University, United States Safaa Dalla, Universität Hamburg, Germany Swayamjit Ray, Pennsylvania State University, United States

Best poster

Mamiko Shino, Kyoto University, Japan Flor Acevedo, Pennsylvania State University, United States Charithra Lokumana, North Dakota State University, United States

The Syntech Electrophysiology Award (best student or postdoc presentation on electrophysiology)

Amber Crowley-Gall, University of Cincinnati, United States

ISCE Silver Medal Award

The ISCE Silver Medal for 2014 was awarded to **Jocelyn Millar**.

Prof. Jocelyn Millar, Distinguished Professor of Entomology and with a joint appointment in Chemistry at the University of California, Riverside, was trained in organic chemistry in Cam Oehschlager's group at Simon Fraser University, and then did postdoctoral training with Milt Silverstein in Syracuse and Ted Underhill at the Plant Biotechnology Institute of the National Research Council of Canada in Saskatchewan. He then worked for two years as laboratory manager for a toxicology laboratory

serving hospitals in southern British Columbia before taking his current position in the Department of Entomology at UC Riverside in 1988. He has published approximately 270 scientific papers and 24 reviews and book chapters, as well as 4 edited books.

Jocelyn presented this year's ISCE Silver Medal Award Lecture, sponsored by the Delwart Foundation. Millar's main interests are in identifying and determining the functional roles of insect pheromones and related compounds, and developing practical applications for semiochemicals. However, along the way, various parts of his research have branched off into biological control of invasive insects with parasitic wasps, and substrate-borne vibrational signaling in true bugs. In his 25 years at Riverside, his group has studied the semiochemistry and chemically mediated behaviors of several hundred insect species, including scales, mealybugs, psyllids, mosquitoes, flies, wasps, bees, beetles, true bugs, numerous Lepidoptera, and even snails. His award lecture presented a number of snapshots of his group's work with these various insect species.

ISCE Silverstein-Simeone Award

Prof. Bill Hansson, director at the Max-Planck-Institute of Chemical Ecology in Jena, Germany, started his independent career in the 1990's at Lund University in Sweden. In 2001 he became full professor at the Swedish University of Agricultural Sciences in Alnarp. In 2006 he moved as one of directors to the Max-Planck-Institute in Jena. He is currently also vice-president of the Max-Planck-Society in Germany. His research is regularly published in Science, Nature, PNAS or Cell. Bill presented the Silverstein-Simeone lecture of the ISCE, sponsored by Springer, at the 2014 meeting.

Bill Hansson is not only a world leader in Chemical Ecology, but also a brilliant teacher and innovative administrator. His long standing interest is insect olfaction, its function, anatomy, and



evolution, always linked directly to behavior. He combines imaging techniques, molecular biology, chemical biology, neuroanatomy and many other approaches. It is especially noteworthy how Bill constantly innovates with new techniques and new systems in the laboratory and in research papers, rooted deeply in chemical Ecology. In his lecture in Urbana, Bill took the audience on a fascinating ride of the world of scents, perceived by the antennae of insects.

ISCE Early Career Award

Dr. Sergio Rasmann is currently assistant professor at the Department of Ecology and Evolutionary Biology, University of California Irvine, USA. He studied biology at the University of Neuchatel where he obtained his PhD in 2006 working with Prof. Ted Turlings on belowground tritrophic interactions. After a 4 year post-doctoral term at the Agrawal laboratory in Cornell he moved back to the University of Lausanne as a research associate in 2011. In 2013 he moved back to the US to his current position. Dr. Rasmann currently works on plantherbivore interactions, community ecology, plant defenses and



insect ecology. He has made important contributions to these areas that can be found in his more than 40 scientific papers. In Urbana, he presented his research in a lively presentation that was attended by a large audience.

ISCE Upcoming meeting 2015 in Stockholm

Next ISCE Annual Meeting will be held in Stockholm, Sweden, on June 29 – July 3, 2015. It will be hosted by Anna-Karin Borg-Karlson and Christer Löfstedt. The conference venue will be Stockholm University. The website of the meeting will be open in October 2014 (www.isce2015.com).

Call for Nominations for 2015

ISCE Silver Medal, Silverstein-Simeone Award, and Early Career Award

The ISCE Silver Medal Award recognizes career achievement by an outstanding scientist working in the field of Chemical Ecology. The Silverstein-Simeone Award, established in 1995, to honor Milt Silverstein and John Simeone, is made on the basis of recent or current work of an outstanding nature at the "cutting edge" of Chemical Ecology. The recipient must deliver a plenary lecture at the annual ISCE meeting and publish a paper on the same topic in the Journal of Chemical Ecology. The Society gratefully acknowledges the very generous support of the Jean-Marie Delwart Foundation and Springer for the Silver Medal and Silverstein-Simeone Awards. Nominators should be ISCE members in good standing. Nominations will be reviewed by the President and Vice President for relevance to the appropriate award, before forwarding them to the full ISCE Executive Committee. Should a nomination for one award be considered more relevant for the other award, the President will contact the nominator(s) regarding reconsideration. Current ISCE officers or councilors are not eligible for the awards because of a conflict of interest. Note that previous, unsuccessful nominations must be re-nominated to be considered for an awards and the nomination packets for an individual resubmitted.

The Early Career Award in Chemical Ecology recognizes an emerging leader in chemical ecology and honor cutting-edge research that will influence the future direction of the field of Chemical Ecology. It will be awarded annually by the ISCE, and started in 2014. The award is limited to persons who graduated from their Ph.D. studies no longer than 8 years previously (deadline = end of nomination period). The recipient must deliver a plenary lecture at the annual ISCE meeting in the year of the application. The conference fee, reasonable economy travel, and hotel expenses of the recipient of the Award will be paid for by the society. The nominations will be reviewed by the ISCE Executive Committee. Note that previous, unsuccessful nominations must be re-nominated to be considered for the award. An applicant can nominate him/herself or be nominated by an ISCE member.

Nominations for each of three awards require the following documents:

 A nomination letter explaining why the nominee should be recognized for the award, stressing either their current cutting-edge research (for the Silverstein-Simeone Award and the Early-Career Award) or their career achievements (for the Silver Medal award). For the Early-Career Award, this letter should be supported by one to three letters from current ISCE members. 2. Curriculum vitae, including a list of publications pertinent to the research on which the award is based (for the Silverstein-Simeone Award), or a full list of publications (for the Silver Medal award). Supporting letters from other colleagues may be included. For the Early-Career Award, a Curriculum Vitae providing the current position, year of receipt of Ph.D. and a full list of publications is required. Reprints of the three most important papers in PDF must be included. The nominee must be a member of the ISCE for at least one year prior to nomination.

Please include all parts of the packet (including supporting letters) in one pdf file and submit in electronic format along with one paper copy to ISCE President:

Prof. Stephen Foster Department of Entomology North Dakota State University Hultz 262, PO Box 6050 Fargo ND 58108-6050 **USA**

E-mail: president@chemecol.org

Phone: +1-701-231-6444

Deadline for the nominations is January 31, 2015

It is also time to nominate a Vice-President and five new councilors.

The position of Vice-President is important in that he/she will become the Society President in the year following tenure of the role of Vice-President.

ISCE councilors are elected for a term of three years. It is important that councilors contribute to the running of the society and attend at least two ISCE Executive meetings during their three-year tenure. Principal responsibilities include participation in the selection of the Silver Medal and Silverstein-Simeone Awards, providing general guidance, advice and assistance to the Executive Committee, and judging student competitions at the annual meeting. It is recommended that a person nominated for either of the above positions should have a strong record of participation in the Society's activities and meetings.

Please send names, contact addresses, phone and fax numbers, and e-mail addresses of candidates along with a short description of why you think the candidate(s) would be suitable for office to Stephen Foster. Please ensure that the person agrees to being nominated before you nominate them.

Prof. Stephen Foster Department of Entomology North Dakota State University Hultz 262, PO Box 6050 Fargo ND 58108-6050

USA

E-mail: president@chemecol.org

Phone: +1-701-231-6444

Deadline for the nominations is January 31, 2015

Other News and Positions Available

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