ESA Newsletter

Information for Members of the Entomological Society of America

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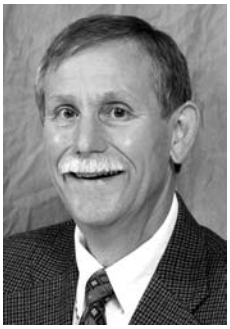
2008 ESA Awardees Announced

ESA is pleased to announce the winners of its 2008 awards. The Society's professional awards will be presented at the 2008 Annual Meeting in Reno, Nevada during the Plenary Session from 5:30-7:30 p.m. on the evening of Sunday, November 16, 2008. The student awards will be presented from 6:30-7:30 p.m. on Tuesday, November 18. The awardees are listed below.

Winners of the Entomological Foundation's awards and scholarships will be announced in next month's newsletter.

Professional Awards

Distinguished Achievement Award in Extension—This award recognizes outstanding contributions in extension entomology.

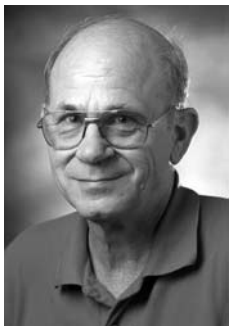


This year's winner, **Dr. Frederick P. Baxendale,** is a professor and extension specialist in the Department of Entomology at the University of Nebraska-Lincoln. He completed his Ph.D. and M.S. degrees in entomology at Texas A&M University, and earned his B.S. degree in entomology at Cornell University. Baxendale has extensive experience as an extension educator and research scientist. His extension responsibilities include educational programming in the areas of turfgrass and horticultural entomology, urban pest management, 4-H and youth entomology, and, most recently, forensic entomology. Baxendale has served as a panelist on the popular, long-running *Backyard Farmer* television program (now completing its 55th consecutive season) since 1985.

Baxendale is widely recognized for his expertise in the environmentally-responsible management of turfgrass and landscape insect pests, and he is a leading authority on the insects and mites associated with buffalograss. His research focuses on the development of integrated pest management strategies for insects affecting turfgrasses, native grasses, and horticultural plantings in Nebraska. He is currently investigating the biology, ecology, and management of arthropods associated with buffalograss and switchgrass. Baxendale has published over 300 publications, and has secured more than $2.75 million in competitive and grant-in-aid funding to help support his extension and applied research programs.

Baxendale has received numerous awards for excellence in extension programming, including the Nebraska Cooperative Extension Association's Outstanding New Specialist Award (1987), the Nebraska Cooperative Extension Team Awards for Backyard Farmer and Urban Pest Management (1995), the Gamma Sigma Delta Extension Award of Merit (1995), the ESA Recognition Award in Urban Entomology (1998), and the Excellence in Extension Award presented by the National Association of State Universities and Land-Grant Colleges in 2007. Baxendale has been an active member of ESA since 1978.

Distinguished Achievement Award in Horticultural Entomology *(Sponsored by OHP)*—This award honors any entomologist who has contributed to the American horticulture industry.



This year's awardee, **Dr. Ronald D. Oetting,** is a professor emeritus with the University of Georgia. He received his B.S. from the University of Missouri in wildlife conservation and after a short stint in the military returned to obtain an M.S. and Ph.D. in entomology. He has a split appointment in research and extension, and his responsibility is to develop pest management programs for pests of ornamental crops. Ron has worked with all of the major floricultural pests, including studies on their developmental biology and behavior; research on application technology; and management with traditional pesticides, specialized compounds, natural products, and biological control. He is nationally and internationally recognized for his research on the management of pests of greenhouse-grown, floricultural crops. Ron was an advisor for an AID/MERC project on greenhouse pest management in the Middle East for several years. He is an invited speaker for floricultural industry conferences nationally and internationally. Dr. Oetting has published over 100 refereed journal papers and numerous proceeding papers, book chapters, and articles. He is currently working part-time with the University of Georgia in the floricultural entomology program.

Distinguished Achievement Award in Teaching—This award is presented to the ESA member deemed to be the Society's outstanding teacher of the year. The 2008 recipient, **Dr. Tiffany M. Heng-Moss,** is an associate professor of entomology at the University of Nebraska-Lincoln (UNL). She has developed seven undergraduate and graduate courses while providing leadership for development and implementation of a new undergraduate major in insect science. Her introductory insect biology course was the first distance-delivered concurrent credit course offered as part of the University of Nebraska Advanced Scholars Program for high school students. She is also making contributions to student learning and the quality of the student experience as a co-PI on a $1.4 million grant focused on strengthening the content knowledge and pedagogical skills of future secondary science teachers, mentoring undergraduate students, and serving as departmental undergraduate research and teaching coordinator.

Dr. Heng-Moss provides program leadership for outreach activities such as "Our Zoo to You," which has been presented to more than 2,500 students in 85 Nebraska classrooms over the past five years and has secured over $250,000 in competitive grant

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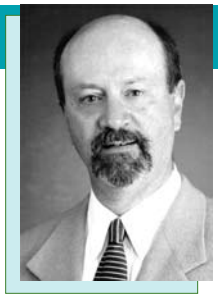
President's Corner



Michael E. Gray, 2008 ESA President

The excitement is building as staff members at ESA Headquarters and volunteers on the Program Committee work on the final preparations for our Annual Meeting next month in Reno! Many of our seasoned members will recall that we have previously met twice in Reno, in 1986 and 1991. Significant structural changes have occurred in Reno during the past 20 years regarding its ability to host large conferences such as ours. We have the good fortune to conduct our Annual Meeting in the new Reno-Sparks Convention Center and to utilize the Atlantis and the Peppermill as our official meeting hotels. These are premiere conference, lodging and dining properties.

While in Reno, I hope you will be able to find some time to visit one of several museums that include the National Automobile Museum, the Nevada Museum of Art, and the W.M. Keck Earth Science and Mineral Engineering Museum. Other outstanding attractions near Reno include 60 gaming locations and 30 championship golf courses. For those who enjoy wine, a "wine walk" located in the Riverwalk District should provide a nice way to spend some relaxing time in Reno with family and colleagues. Near Lake Tahoe, there are numerous hiking, biking, skiing, and fishing opportunities. A riverboat tour is also available on Lake Tahoe. Back by popular demand is child care to facilitate some of the professional and leisure time that you have planned during the Annual Meeting. Our Annual Meeting Program Committee has worked very hard throughout 2008 to recapture the "Wow" factor that was so much in evidence in San Diego last year. By the conclusion of your Reno Annual Meeting experience, I hope that you will agree that we have succeeded.

A total of 67 symposia will be offered in Reno (6 program symposia, 22 section symposia, and 39 member symposia). In addition to these symposia, Program Co-Chair Grayson Brown has provided some exceptional leadership in coordinating the logistics for the delivery of two international symposia that will be presented via WEBEX technology: *The Global Threat of Red Palm Weevil, Rhynchophorus ferrugineus* (Olivier) *to Major Palm Species,* and *From North American Pest to European Threat: 21st Century Western Corn Rootworm Management at Home and Abroad.* Because many of the international speakers will be making their presentations from their respective countries, be prepared to take part in these symposia at unconventional hours.

Critical to this year's overall success of the Annual Meeting are the new Section meetings. These meetings will take place on Monday, November 17 from 1:30–5:30 p.m. During this time period, no competing paper or symposia sessions will be featured. In addition to the Section business that must be conducted, I have charged the Section Leadership Councils to provide a stimulating and participatory session for their members. Section leaders have been granted considerable flexibility regarding how they utilize this important time. The new Section meetings should not be viewed as Section business meetings of old, but instead should reflect the theme of our conference—*Metamorphosis: A New Beginning.*

If you haven't registered for the Reno meeting, I hope that some of my comments will cause you to participate in the world's largest gathering of entomologists next month. If you have any questions about it, don't hesitate to give me a call or send me an email message. I know your investment of time and money are important, and I appreciate your consideration of my invitation to take part in this great annual event.

I'd like to offer some comments about a few other timely and exciting initiatives underway at ESA. We are currently providing some logistical and programmatic leadership for a meeting that will take place in Indianapolis on November 6 and 7, 2008. The meeting will include leaders from several other professional societies, including the Agronomy Society of America, the American Phytopathological Society, the Crop Science Society of America, the Soil Science Society of America, and the Weed Science Society of America. Past President Scott Hutchins, Robin Kriegel (ESA Executive Director), Ellen Bergfeld (Executive Director, Tri-Societies), and I have served as the planning committee for this meeting. I extend my appreciation to Past President Hutchins for providing key leadership for this effort.

Questions that we will discuss during the two-day session include the following: 1) What are the most pressing and significant agricultural issues facing professional societies? 2) What are the key scientific issues for which we as professional societies must provide leadership? 3) Which of the agricultural and scientific issues are of common interest and provide joint opportunities as well as challenges? 4) How are the significant changes underway in our land-grant universities affecting our members and our professional societies? 5) Are there positive and lasting outcomes that could result from the formation of an Alliance of American Agricultural Societies? 6) If so, how would an alliance be structured? and 7) What would the benchmarks for success look like? At the summer ESA Governing Board meeting, held in Reno this past summer, the Board passed a motion supporting the concept of an informal Alliance of Agricultural Societies, enabling our committee to proceed with the planning for this fall meeting. I look forward to sharing the outcome of our discussions with the leaders of these other professional societies during my remarks to the membership in Reno.

During the Annual Meeting in Reno, some entomological leaders from other professional societies will gather on Sunday morning (November 16) to discuss ways in which international collaboration and cooperation may be enhanced among entomological organizations. Dr. František Sehnal, who served recently as the president of the International Congress of Entomology, will be participating in this session along with other key international entomological leaders. Dr. Megha Parajulee, Chair of the ESA Committee on International Affairs, has agreed to take part in this meeting along with several other ESA officers. I welcome your input and counsel regarding either of these two initiatives, and I hope to see you in Reno!

Mike Gray, President
megray@illinois.edu

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POSTMASTER: Subscription rate for members is $10, which is included in the dues. The rate for nonmembers is $33; institutions, $49. First class and international postage are additional. Periodicals postage paid at Lanham-Seabrook, MD, and other mailing offices.

Job Opportunity rates are $25/line for regular and postdoctoral positions, and $12/line for graduate assistantships. Advertisers may choose to run the ad on the ESA web site for an additional 20 percent of the newsletter ad cost. Ads will be edited and abbreviated. Submission deadline is the first of the month, one month prior to publication. Submit ads using online form at http://www.entsoc.org/employment. Online Job Opportunities are also at the above URL.

The newsletter's purpose is to provide information deemed of interest to our members. News items on entomological research have been published in peer-reviewed journals or were provided by reliable sources such as universities or government agencies. ESA staff relies upon readers' discretion to interpret and evaluate articles about scientific research. Comments may be directed to the original information source and/or Newsletter Editor Richard Levine (see contact information above).

Awards, from p. 1

support. She has also been a major contributor and organizer for an annual Bug Bash educational program.

She has received several awards, including the USDA Regional Award for Excellence in College and University Teaching in the Food and Agricultural Sciences. She has received five Certificates of Recognition for Contributions to Students from the UNL Parents Association and Teaching Council, the Holling Family Junior Faculty Award for Teaching Excellence, the North Central Branch Distinguished Achievement Award in Teaching, and the Omtvedt Innovation Award from the UNL Institute of Agriculture and Natural Resources.

Distinguished Service Award to the Certification Program—The purpose of this award is to encourage and reward outstanding contributions to the ESA Certification Program and the professionalism of entomology. This year's recipient, **Dr. Scott H. Hutchins,** is Global Director for Crop Protection R&D within the R&D Function of Dow AgroSciences. Crop Protection R&D includes all aspects of product design for products (process research, formulations, product chemistry, packaging engineering, and plant scale-up), as well as all aspects of field research and development related to product performance characterization. It includes over 400 scientists and staff located in over 76 countries.

Hutchins holds a bachelor's degree in entomology from Auburn University, a master's degree in entomology from Mississippi State University, and a Ph.D. in entomology from Iowa State University. He is an adjunct professor within the Department of Entomology at the University of Nebraska, and has authored or co-authored over 100 refereed articles, reviews, or scientific presentations in the area of IPM and bio-economics. Hutchins was selected as the Outstanding Young Alumnus by Iowa State University and served as ESA President in 2007. Hutchins has been a strong advocate, contributor, and visible supporter of BCE and ACE certification programs since his election to the ESA Governing Board in 2000, and has been a Board Certified Entomologist since 1983.

Early Career Innovation Award *(sponsored by BASF)*—This award honors young professionals working within the field of entomology who have demonstrated innovation through contributions within any area of specialization (research, teaching, extension, product development, public service, etc.). The first recipient of this new award is **Dr. Consuelo M. De Moraes,** an associate professor in the Department of Entomology at Penn State University. A native Brazilian, Dr. De Moraes earned her B.Sc. in ecology from the Universidade Federal de Minas Gerais. After graduating, she came to the United States to pursue a doctorate in entomology at the University of Georgia. Dr. De Moraes' primary scientific interests are in illuminating the critical roles of chemical communication in mediating ecological interactions. Much of her research focuses on the role of plant volatiles in mediating interactions among plants and insects. Her findings have been published in prominent journals, including *Nature, Science,* and the *Proceedings of the National Academy of Science*. Dr. De Moraes' work has also been recognized through a number of prestigious awards, including the David and Lucile Packard Foundation Fellowship for Science and Engineering, the Beckman Young Investigator Award, and the DuPont Young Professor Award. She was also recently awarded a CAREER grant by the National Science Foundation. In addition to research, Dr. De Moraes is active in teaching and outreach and is particularly committed to promoting the integration of minorities and women in science.

Recognition Award in Entomology *(Sponsored by Syngenta Crop Protection)*—This award recognizes entomologists who have made or are making significant contributions to agriculture. This year's recipient, **Dr. Douglas A. Landis,** received his B.A. in biology from Goshen College in 1981 and his M.S. and Ph.D. in entomology from North Carolina State University in 1984 and 1987. In 1988 he accepted a position in the Department of Entomology at Michigan State University, where he is currently a full professor with research and teaching responsibilities in insect ecology and biological control of invasive species. Much of his research has focused on the role of landscape structure in shaping insect-insect and insect-plant plant interactions. His current projects include biological control of soybean aphid and of garlic mustard, the use of native plants to enhance beneficial insects, and conservation of insects in fire-dependent ecosystems. He is the author of 100 peer-reviewed journal articles and book chapters, as well as over 50 extension bulletins. His 2000 review of habitat management to enhance biological control is among the top-10 most cited and most downloaded articles in *Annual Review of Entomology*. As co-director of MSU's Invasive Species Initiative, he advises state and federal agencies on invasive species management, including biological control. Doug is known as an excellent mentor and has advised over 75 postgraduate students and research associates. His advisees have won numerous awards, and two were the recipients of the most recent IOBC-NRS Outstanding Ph.D. Student of the Year Award. He has been a member of the North Central Regional Committee on Arthropod Biological Control (NCERA-125) since 1989, serving in multiple leadership positions. He has previously served IOBC-NRS as secretary/treasurer (1995-96), associate editor of *BioControl* (2002-05) and as an at-large board member (2004-06). Doug has won numerous awards for his work, including four awards for excellence in biological control education from the Board Certified Entomologists of Mid-America. He also was named the 2008 recipient of the ESA North Central Branch's Recognition Award in Entomology.

Recognition Award in Insect Physiology, Biochemistry, & Toxicology *(Sponsored by Bayer CropScience)*—This award recognizes and encourages innovative research in insect physiology, biochemistry and toxicology. The 2008 awardee, **Dr. Walter S. Leal,** is a professor and former chair of the Department of Entomology at the University of California, Davis. Leal is a pioneer in the field of insect olfaction. An innovative and creative researcher, he is best known for his research on the mode of action of odorant-binding proteins and odorant-degrading enzymes on identification and synthesis of insect sex pheromones and on insect chemical communication.

The Leal lab recently unveiled DEET's mode of action. Contrary to previous hypotheses, DEET doesn't jam the senses or mask the smell of the host; mosquitoes smell the repellent directly and avoid it.

Dr. Leal is a dynamic teacher at both the undergraduate and graduate levels. He incorporates film clips on biochemistry and insect behavior in sophisticated multi-media lectures, and he gives mid-term and final exams orally to expand the intellectual experience of his students.

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2008 Annual Meeting & Exhibition News

November 16-19, 2008 — Reno, Nevada
http://www.entsoc.org/am/cm

Register Online for the Annual Meeting

Online Registration Closes on October 9—After October 9, you will have to register onsite in Reno. Pre-register for Reno by visiting http://www.entsoc.org/am/cm/register/index.htm, and take advantage of the education, networking, and research you'll find at our 56th Annual Meeting. This year's meeting will keep you inspired in the field of entomology, with program and Section symposia designed to provide you with up-to-date information and research from the field. Be a part of the Metamorphosis and register today!

Personal Scheduler—Available online at http://esa.confex.com/esa/2008/scheduler/, the Personal Scheduler allows you to plan *your* time in advance and make the most of *your* meeting! With so much to do at the Annual Meeting, we want to ensure that you take advantage of all of the sessions, symposia, paper presentations, and networking activities that are important to you. The online scheduler is an easy way to set up your days in advance to navigate onsite with ease.

Student & Young Professional Cash Awards—$30,000 in award funding is available for ESA student and young professional members at the ESA Annual Meeting. The ESA Governing Board is allotting various cash prizes to thank and support younger members of the Society who are representing ESA and supporting Society operations through their actions and dedication to science. You must be present at the meeting to qualify. Eligibility for the cash amount depends on past service and Society participation. Information will be provided onsite to students on how and when to submit the online application, which is a quick and easy process. To learn more details about the program, visit www.entsoc.org/students/get_involved.htm.

ESA Awards Hall—New this year, visit the main lobby on the first floor of the Convention Center and view posters of all of the 2008 ESA award winners and honorees, as well as the winners of Entomological Foundation awards. ESA will highlight award winners by spotlighting their accomplishments and achievements in science at the meeting. Stop by and read all about your colleagues and their successes, and get inspired by their stories. Award winners will also have the opportunity to retrieve their 22x28-inch posters at the end of the meeting to display in their home offices or personal quarters.

ESA Booth—Visit the ESA Booth (#310) to renew your membership or to sign up for 2009! The first 400 members who renew or join at the booth will receive *a special gift from ESA,* and one lucky member will win **a $100.00 gift card**! At the ESA Booth, you'll also have a chance to **win $5,000 at the DICE ROLL**! While in Reno, we *must* play, and the Dice Roll allows you the opportunity to roll for multiple prizes, including dinner discounts you can use in Reno, a free stay at the Peppermill Hotel Tuscany Towers, and more. In addition, learn more about the BCE and ACE Certification programs and other ESA activities. Don't forget about the ***Treasure Chest Drawing,*** which will be held on Wednesday at 12:00 noon at the ESA Booth. Just drop off your business card during the meeting for your chance to win prizes provided by exhibiting companies! *You must be present to win.* The Dice Roll schedule at the ESA Booth is Monday–Tuesday, November 17–18, from 10:00 a.m.–12:00 noon, and from 2:00 p.m.–4:00 p.m.; and on Wednesday, November 19, from 10:00 a.m.–12:00 noon, and 1:00 p.m.–2:00 p.m.

Lake Tahoe Riverboat Tour Option—Monday, November 17—Enjoy a two-hour lunch cruise of Lake Tahoe on the MS Dixie II, a 570-passenger paddlewheel craft with three decks, including the open-air top deck. On each level, one can purchase beverages, including coffee. Cruise to Emerald Bay, which is one of the most photographed sites in the western United States, so make sure to bring along your camera. The boat departs from Zephyr Cove Resort & Marina on the NV side of the lake. On the return trip to Reno, enjoy a driving tour of historic homes of Nevada's capitol, Carson City. Buses load from the Atlantis Hotel at 9:00 a.m. and depart at 9:15 a.m. Buses are expected to return tour participants to Reno at approximately 3:15 p.m. The tour will include a free lunch. The fee for the tour is $75 per participant, regardless of age (gratuity is not included in the fee).

The Jam Session is Back—You loved it last year, and we're bringing them back. Our talented member musicians will be hosting a jam session on Sunday, November 16, from 9:30–11:30 p.m. in the main lobby on the first floor of the Convention Center. This will be an exciting event, so come hear your colleagues perform, network with your peers, and enjoy refreshments at the cash bar. If you missed it last year, you don't want to miss this year's Jammin' Entomologists!

Uploading your Presentations and Posters—Don't forget to upload your presentation and posters online. Please note: ESA is not responsible for the printing of any posters or presentation materials onsite. All presenters must bring pre-printed posters and other materials with them for their presentations. For complete details on poster presentation set-up times and requirements, visit: http://www.entsoc.org/am/cm/posters.htm.

Thanks to the Program Committee, the LATC team, and all other volunteers who have worked to make ESA's 2008 Annual Meeting a great success. We encourage you to support your Society and your peers in Reno this November. Make plans today to be a part of the Metamorphosis. Whether it's day or night, there is something to do in ***Reno—the biggest little city in the world!***

Entomological Foundation Dinner and Silent Auction

The Entomological Foundation will be holding its yearly silent auction during ESA's Annual Meeting. If you would like to donate an item to the auction, please contact April Gower at april@entfdn.org or (301) 459-9083.

The Foundation Dinner, in honor of Dr. Wendell Roelofs, will be held at the National Auto Museum on Tuesday, November 18, at 8:00 p.m. Tickets cost $100 for non-students and $60 for students (transportation included), and can be purchased online at http://entfdn.org/Honoreeeventform.htm. Please purchase tickets in advance, as only a limited number of tickets will be sold during the ESA Annual Meeting. If you have questions, contact April Gower, Entomological Foundation, at (301) 459-9083, or april@entfdn.org.

Awards, from p. 3

Internationally recognized, Dr. Leal received the 2007 Silverstein-Simeone Award from the International Society of Chemical Ecology (ISCE), and he is a past president of ISCE and a fellow of the American Association for the Advancement of Science. His native country of Brazil recognized him with its Medal of the Entomological Society of Brazil in 1995 and with its Merit in Science (equivalent of ESA Fellow) this year. He is also a recipient of the highest honor (*Gakkaisho*) bestowed by the Japanese Society of Applied Entomology and Zoology. Under his tenure as chair, the UC Davis Department of Entomology was ranked last November as the number-one department in the country by the *Chronicle of Higher Education*.

ESA Student Awards

Student Activity Award *(Sponsored by Monsanto Company)*—This award recognizes an ESA student member for outstanding contributions to the Society, his/her academic department, and the community, while simultaneously achieving academic excellence. **David R. Coyle,** this year's winner, is a Ph.D. candidate at the University of Wisconsin-Madison. His research is on the ecology and impact of a suite of invasive root-feeding weevils that inhabit the Lake States. Specifically, he is investigating the impact of larval root feeding in a northern hardwood forest, larval host location behavior, adult host choice and performance, and interactions between larval abundance and soil microbiota. His M.S. work was on management of cottonwood leaf beetle in plantation-grown poplars. From 2000–04, he worked for the USDA Forest Service as the lead technician on a large-scale tree production study, examining tree physiological characteristics, fine root dynamics, and insect population and damage in response to varying water and nutrient amendments.

David has published 22 refereed journal articles, two book chapters, and has given 49 oral (including nine invited) and poster presentations. He has helped teach five different courses, and has been awarded numerous awards and honors. David has received research and travel grants totaling in excess of $266,000, including an EPA STAR Graduate Fellowship. David has helped organize and moderate a forest entomology symposium at the national ESA meeting every year since 2002. David has been a member of ESA since 1996, and he currently serves as the North Central Branch Student Affairs Committee President. He serves as a peer reviewer for *Environmental Entomology* and the *Journal of Economic Entomology*, among other publications. David is active in community activities, serving as a member of the Village of McFarland Natural Resources Committee.

Student Certification Award *(Sponsored by Springer Pest Solutions)*—This award recognizes and encourages outstanding entomology graduate students with interest in the mission of the ESA Certification Program. This year's winner, **Preston Brown,** received his B.S. from Virginia Tech in biological systems engineering (2005), and he will complete his M.S. in entomology in December, 2008. He currently works under Dr. Dini Miller at the Dodson Urban Pest Management Laboratory. Preston's research focuses on pest ant behavior and ecology, and his research project is entitled "The Spatiotemporal Composition of Pest Ant Species in the Residential Environments of Santa Isabel, Puerto Rico." His specific objectives have been to identify and determine the patterns of ecological succession of pest ant species in Puerto Rican housing developments. To date, Preston has collected over 243,000 ants, from which he identified 19 different species.

Preston has also participated in a wide variety of research projects where he has conducted termite inspections and treatment applications, evaluated cockroach monitoring and baiting programs, and evaluated bait efficacy for control of odorous house ants. He is a member of ESA, Sigma Xi, and Pi Chi Omega. Preston has given 12 professional presentations. He is an award-winning speaker, having received first place (2006) and second place (2008) in the student paper competition at the National Conference on Urban Entomology. He also received the Kosztarab Scholarship for Distinguished Achievement in Systematics in 2007, and, most recently, the National Conference on Urban Entomology Master of Science Scholarship in 2008. Preston is also an Eagle Scout (2000). After completing his M.S. degree, Preston plans to pursue a Ph.D., continuing to work in the field of ant behavior and ecology.

John Henry Comstock Graduate Student Awards—These awards promote interest in entomology at the graduate level and stimulate interest in attending the ESA Annual Meeting. The following 2008 winners were selected by each of the five ESA Branches:

Dr. Jessica L. Ware (Eastern Branch) received her B.Sc. from the University of British Columbia in Vancouver, Canada, where she assisted Dr. Geoff Scudder and Karen Needham at the Spencer Entomological Museum. She worked with Dr. Diane Srivastava on *Mecistogaster modesta* (Odonata: Zygoptera: Pseudostigmatidae), both in Vancouver and northeastern Costa Rica. She also worked with Dr. Judy Myers on viruses in natural tent caterpillar populations and *Bacillus thuringiensis* resistance in greenhouse populations of *Trichoplusia ni*.

She received a Ph.D. from Rutgers University in 2008. Her thesis work focused on the superfamily Libelluloidea, which comprises Macromiidae, Corduliidae and the extremely speciose family Libellulidae. She incorporated molecular and morphological analyses to determine the evolution of several behavioral and biogeographical characters within Libelluloidea. Jessica also studies convergent evolution, particularly in dragonfly wing venation patterns, which are influenced by flight behaviour. She is collaborating on several species level odonate systematics studies (e.g., *Stylogomphus, Synlestes,* and *Syncordulia*). In addition to dragonfly systematics, Jessica is interested in phylogenetic methodology. She has examined how phylogenetic hypotheses vary with ingroup and outgroup taxon selection in Dictyoptera, and has investigated the effects of model selection on divergence estimation in dragonflies. Jessica recently won an NSF Postdoctoral Research Fellowship to work on the systematics of lower termites with Dr. Dave Grimaldi at the American Museum of Natural History.

Dr. Jeffrey D. Bradshaw (North Central Branch) recently received his Ph.D. from Iowa State University in entomology and plant pathology. He was co-advised by Dr. Marlin Rice and Dr. John Hill. Jeff's research involved work on the bean leaf beetle, *Cerotoma trifurcata* (Chrysomelidae), and Bean pod mottle virus (BPMV) biology and management. He also used various molecular tools to identify and sequence a new strain of BPMV from *Desmodium illinoense* (Fabaceae), a potential reservoir host for BPMV. This work has

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Austin M. Frishman was honored by the New Jersey Pest Management Association as a "mentor and friend" who has provided training and education to the pest management industry for over 40 years. Frishman, an ESA member since 1960, conducted research that led to the development of solid and liquid cockroach baits, and he has spoken at industry events worldwide.

Allison K. Hansen, a doctoral student at the University of California, Riverside, has discovered and named a new bacterial pathogen, *Candidatus Liberibacter psyllaurous,* that could be responsible for "psyllid yellows," a disease that infects and kills tomato and potato plants. The disease is spread from plant to plant by the psyllid, a sap-sucking insect.

James D. Harwood recently joined the faculty in the Department of Entomology at the University of Kentucky as an assistant professor. James' research program will focus on arthropod ecology, emphasizing food web interactions in natural and agricultural systems. His teaching responsibilities will include insect ecology. James has a Ph.D. in insect ecology from the University of Cardiff and has held postdoctoral positions at the Universities of Cardiff and Kentucky prior to accepting this faculty position.

Amanda K. Hodson, a doctoral student at the University of California, Davis, received a $10,000 Robert and Peggy van den Bosch Memorial Award for her research on "Ecological Influence of Entomopathogenic Nematodes in Pistachio Orchards."

Allen E. Knutson, a professor and entomologist with Texas AgriLife Extension Service, won a Volunteer Service Award from the President's Council on Service and Civic Participation for work he did in Turkmenistan and Kyrgyzstan. In Turkmenistan, Knutson evaluated production and use of natural enemies for the biological control of insect pests, and in Kyrgyzstan he helped train small-acreage farmers on pest identification, integrated pest management techniques, and on the safe use of pesticides. "Through service to others, you demonstrate the outstanding character of America and help strengthen our country," President Bush wrote to Knutson in a congratulatory letter.

Walter Leal, a professor of entomology at the University of California, Davis, received the coveted Medal of Science award at the 22nd Brazilian Congress of Entomology meeting, held recently in Uberlandia. The award, equivalent to an ESA Fellow, was presented to him for "promoting the development of chemical ecology in Brazil and for international recognition in science."

Antônio R. Panizzi, a senior research entomologist with the National Soybean Research Center of Embrapa, was elected president of the Entomological Society of Brazil (SEB) during the XXII Brazilian Entomological Society Congress, held in Uberlândia, MG, August 24-29, 2008. He will serve as president from 2008-2010. SEB is the second largest entomological society in the Americas, with approximately 1,500 members. Dr. Panizzi has been an ESA member since 1975.

Tom A. Royer has been promoted to the rank of professor in the Oklahoma State University Department of Entomology and Plant Pathology. Royer serves as cooperative extension entomologist for small grains, in addition to his duties as IPM coordinator. He also conducts research on small grains insect pest management, cereal aphid biology, sorghum insect pest management, turf insect pest management, insecticide efficacy, sampling, injury thresholds, and insect-plant interactions.

Hillary Q. Thomas, a doctoral candidate in entomology at the University of California, Davis, has received a $15,000 Robert and Peggy van den Bosch Memorial Scholarship to support her biological control research on a leaf-eating beetle that targets saltcedar (*Tamarix* spp.), an invasive pest that threatens waterways. Her research involves *Diorhabda elongata,* a saltcedar leaf beetle native to Central Asia which is a natural enemy of the plant.

Gerry Wegner, staff entomologist, technical director, and co-owner of Varment Guard Environmental Services, Inc., Columbus, OH, posed ten American cockroaches on a wooden model biplane to create a whimsical diorama, which he calls "Buggy Biplane." The diorama was prepared and donated as an auction item for the summer meeting of the Ohio Pest Control Association (OPCA). The winning bid for Buggy Biplane was $800, which was matched by another participant for a total of $1,600. All proceeds went to the OPCA scholarship fund.

The Buggy Biplane, by Gerry Wegner.

Jennifer A. White has joined the faculty in the Department of Entomology at the University of Kentucky as an assistant professor. Her research program will be in insect ecology, integrating endosymbiont biology and behavioral ecology of parasitoids. She will have extension responsibilities related to the detection and management of invasive species in Kentucky. Jen has a Ph.D. in ecology, evolution, and behavior from the University of Minnesota, and she held a postdoctoral position at the University of Arizona prior to accepting this faculty position.

Xuguo Zhou has joined the faculty in the Department of Entomology at the University of Kentucky as an assistant professor. Xuguo's research program will be in the areas of functional and comparative insect genomics. His teaching responsibilities will include courses in the agricultural biotechnology program. Xuguo has a Ph.D. in insect toxicology from the University of Nebraska-Lincoln, and he held postdoctoral positions at the University of Nebraska, Purdue University, and the University of Florida before accepting this faculty position.

Condolences

Sincere condolences to the families, friends, and colleagues of the following recently deceased ESA members:

- Reginald F. Chapman, Tucson, AZ
- Richard L. Hurley, Bozeman, MT
- John A. Jackman, College Station, TX

51st International Insect Photo Salon

Attention all photographers who have taken slides or digital photos of arthropods. Why not enter the Insect Photo Salon, which is an annual event at the ESA Annual Meeting? Just visit the website http://peoriacameraclub.com, click on Insect Salon, and follow the entry rules. Various certificates will be awarded to photographers for those photos judged to be the most outstanding entries. The deadline is October 25. For more information, contact Jim Appleby at japplebyl@uiuc.edu or (217) 244-3431.

Fly-fishing in Reno

The ESA Annual Meeting offers a great opportunity to fish for the legendary Lahontan cutthroat trout in Pyramid Lake. For more information on this and the Fly Fishing Network, go to http://www.entsoc.org/fishing.htm.

President's Circle Membership

An Option to Consider When Renewing your ESA Membership

The President's Circle is a sub-category of Regular membership that is open to anyone who has interest or training in entomology and wants to make an additional contribution to the Society. The dues are twice the amount of Regular members.

Why should you consider upgrading your membership to an ESA President's circle membership? (1) It is a structured and organized way that members can "give something back" to their Society and their profession. (2) President's Circle members may designate how they want their extra dues to be spent. One great option is to elect to sponsor another entomologist from a United Nations Development Programme country who may otherwise not be able to join or renew. (3) President's Circle members are recognized for their additional contributions at the Annual Meeting and in the ESA Newsletter. ESA President's Circle members include entomologists from a variety of professions, including ones from the federal government, universities, and industry fields, to name a few.

If you would like to upgrade your membership to the President's Circle level for 2009, you can access a PDF application online at http://www.entsoc.org/membership/categories/pres_circle or contact Renee Harris, Director of Membership and Marketing, at 301-731-4535 or at rharris@entsoc.org.

Welcome New and Returning Members!

Ms. Kristin Renee Abney, University of Tennessee
Mr. Robert Derek Anderson
Mr. Charles Martin Benson
Dr. Thierry Brevault
Mr. Scott P. Brown
Dr. Edgar Camero, Universidad Nacional de Colombia
Mr. Durairaj Chinnasamy, Rutgers University
Dr. Michael M. Collins, Carnegie Museum of Natural History
Mr. Travis J. Culpepper
Dr. Filipe Dantas-Torres, Sr.
Mr. Jerome Joseph Dewberry, University of Florida
Dr. Catherine Zindler Dickerson, USDA-ARS-CMAVE
Miss Jerri D. Dombrowski, The Scotts Company
Dr. Angela E. Douglas, Cornell University
Dr. Lemma Ebssa, Rutgers University
Ms. Roberta Engel, University of Connecticut
Ms. Heather R. Ferguson, U.S. Army
Ms. Michelle T. Franklin, University of British Columbia
Mr. Micah John Gardner, North Carolina State University
Mr. Kyle Edward Harrison, University of Nebraska-Lincoln
Dr. Cheryl Hayashi, University of California, Riverside
Ms. Allison Jean Hazen, U.S. Botanic Garden
Ms. Kelly Anne Herbinson, California Academy of Sciences
Ms. Juliana Jaramillo-Salazar, ICIPE
Ms. Susan Johnson, University of Maryland
Mr. Eutychus M. Kariuki, Florida A&M University
Dr. Gwen P. Keller, Smithsonian Tropical Research Institute
Mrs. Midori Kobayashi
Dr. Yutaka Kobayashi, University of Florida
Ms. Barbara A. Lewis, University of Arkansas
Mr. Dair A. McDuffee, Valent USA Corporation
Mr. Fraser R. McKee, University of Northern British Columbia
Mrs. Ana Micijevic, South Dakota State University
Mr. Marc A. Milne, Old Dominion University
Mr. Rey Morales
Mrs. Ishraga Omar Musa
Mr. Ryan L. Nadel, University of Pretoria
Mr. Alison D. Neeley, USDA-APHIS-PPQ
Ms. Ann Noack, University of Sydney
Mrs. Tia Nobles, Oklahoma State University
Ms. Bobbie T. Orr, Terminix
Ms. Sharon E. Reed, University of Missouri
Dr. Sami Rehman, Canada Pest Management Regulatory Agency
Ms. Maryanne Rodriguez
Mr. Gary A. Sandahl, Pioneer HiBred International
Mr. David W. Schwieger, Orkin, Inc.
Mr. Christopher T. Sloane, A-Pro Pest Control
Mr. Christopher Ranier Swain, Sr., Texas A&M University
Ms. Vickie Thomas
Ms. Janice Van Zee, Purdue University
Dr. Petr Volf, Charles University
Dr. William Benjamin Walker, III, USDA-ARS
Mr. Nalinda B. Wasala, Oklahoma State University
Mr. William Wayne White, American Pest Management, Inc.
Dr. Junhuan Xu, Utah State University
Mr. Alan David Yanahan, University of Illinois at Urbana-Champaign

Job Opportunities

RESEARCH SCIENTIST – INSECTICIDE MODE OF ACTION CHARACTERIZATION – DISCOVERY R&D: Dow AgroSciences is seeking a dynamic individual to join our Discovery Research group to help lead our Insecticide mode of action characterization effort. This individual is responsible for planning and executing multiple specific plans designed to answer key research questions. The successful candidate will work collaboratively as part of an interdisciplinary team to help discover and characterize novel insect control agents. Ph.D. or master's degree with at least 5 years' experience in biochemistry, pharmacology, toxicology or a related field is required. Experience with insects, or other invertebrates, and with modern insecticides is desired but not required. Candidates must apply online at www.dowagro.com/careers (job number 0802036) to be considered.

POST-DOCTORAL POSITION IN CHEMICAL ECOLOGY: Post-Doctoral Position in Chemical Ecology to conduct research on semiochemicals of cockroaches, bed bugs, moths, ants, termites and mosquitoes. Experience in extraction, purification, behavioral assays and identification of semiochemicals. Instrumentation skills, including GC, MS, HPLC, and electrophysiology. Salary commensurate with experience. Submit CV, a letter describing background, skills and interests, and names, e-mails and phone numbers of three references to Coby Schal, North Carolina State University (coby_schal@ncsu.edu). Website: http://www4.ncsu.edu/%7Ecoby/index.html.

Certification

The ESA Certification Board would like to congratulate those entomologists who have recently become board and associate certified. Congratulations to the following BCEs and ACEs:

- Russell J. Barnes, ACE
- Sheila M. Donatelli, BCE, ACE
- Joseph N. Holocheck, ACE
- Timothy Husen, BCE-Intern
- Karen E. Nix, BCE
- Andrew Scott Phelps, ACE

For more information about ESA's associate or board certification programs, please visit our website at http://www.entsoc.org/certification, e-mail bce@entsoc.org, or call 410-263-3622.

Awards, from p. 5

resulted in peer-reviewed and extension publications that have received numerous awards and recognitions. Jeff has been presenting the recommendations derived from his research, and he has been author/co-author of 41 scientific presentations (17 invited) at Branch and national meetings of the ESA, the National IPM Symposium, and the American Phytopathological Society, as well as two international symposia. In addition, he has authored or co-authored 27 extension publications. Jeff has also shown excellence as a teaching assistant in a study-abroad class titled "Natural History of the Serengeti," a 2.5-week course in which students observed and recorded mammal, bird, and insect behavior in northern Tanzania. Jeff incorporated several arthropod experiences into the course, including blacklighting for scorpions, close encounters with safari ants, and termite mound observations.

Dr. Christopher M. Barker (Pacific Branch) obtained his B.S. in biology and his M.S. in entomology from Virginia Tech. His

M.S. research under Dr. Sally Paulson examined habitat preferences and phenology of two mosquito species, *Aedes triseriatus* and *Aedes albopictus*, in La Crosse virus transmission foci in Virginia. He also used remote sensing and GIS to relate abundance of these two mosquito species to land cover. After completing his M.S. research, Chris moved to Bakersfield, California, where he worked with Dr. William Reisen on a NOAA-funded project to study the influence of climate on mosquito abundance and arbovirus transmission. He moved to Davis, California in 2003 to begin work on a Ph.D. in entomology and an M.S. in epidemiology under Dr. Bruce Eldridge. He completed his degree in epidemiology in 2005 and his degree in entomology this fall. Using Bayesian statistical methods that account for spatial and temporal dependence among trap counts, Chris has developed statewide models that address regional differences in phenology of two mosquitoes of public-health importance, *Culex tarsalis* and the *Culex pipiens* complex. He has examined the effects of early-season meteorological conditions and the extent of adjacent larval habitat on the abundance of adult female mosquitoes and the relationship between vector abundance and arboviral transmission. Chris has received a number of awards, including the William C. Reeves Award from the Mosquito and Vector Control Association of California, the Hazeltine Student Research Fellowship from UC Davis, and a Travel Award from the American Society of Tropical Medicine and Hygiene. Chris has been a member of ESA and has participated in Annual Meetings since 2000.

Dr. Amit Sethi (Southeastern Branch) received his B.S. in agriculture (honors in plant protection) and his M.S. in entomology

from the Punjab Agricultural University in India. He obtained his Ph.D. at the University of Florida, where he studied the biochemical basis for host plant resistance to several insect species in romaine lettuce, and is now continuing as a postdoctoral associate on the same project.

Amit has claimed ten prizes for his research presentations at each state, regional, and national entomological meeting that he has attended. He has written 19 publications and received many research and travel grants. He has delivered several extension talks on agricultural IPM, and he was a teaching assistant in insect ecology for four years.

Amit served as historian for the graduate student organization of the department, as coordinator of the Seminar Committee for several years, and he was active on the department's Social Committee. He was elected mayor of his graduate student housing, and he served in a leadership role on the Mayor's Council. His concern for the welfare of the graduate student community inspired him to establish a butterfly garden on the grounds of graduate housing for the enjoyment of the residents. He has contributed to the ESA, as well as to the Florida Entomological Society, through service (volunteering at registration and presentation preview), participation in Branch and national meetings, involvement in the Linnaean games, and publications in ESA journals.

Robert Puckett (Southwestern Branch) is a Ph.D. candidate in the Department of

Entomology at Texas A&M University under the advisement of Dr. Marvin Harris. His dissertation work addresses field ecology of introduced *Pseudacteon* phorid flies and their red imported fire ant hosts, with the goal of improving fire ant biocontrol. Robert has developed a novel method to detect and monitor phorids. This will increase our understanding of the behavior of these parasitoids and improve their use in biocontrol. He has authored three peer-reviewed publications.

Robert is currently serving as Co-Chair of the ESA Ethics and Rules Committee, and he served as president of the Entomology Graduate Student Organization at Texas A&M (2006-07). He will begin a postdoctoral position at Texas A&M upon completion of his degree in December, 2008.

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