ENTOMOLOGICAL SOCIETY OF AMERICA 1889 1906 1953

ESA Newsletter

Information for Members of the Entomological Society of America

NOVEMBER 2008 • VOLUME 31, NUMBER 11

2008 Entomological Foundation Awards

The Entomological Foundation will present its 2008 award winners at ceremonies held during the ESA Annual Meeting in Reno, Nevada. Professional awards will be presented during the Plenary Session from 5:30-7:30 p.m. on Sunday evening, November 16, 2008. The Student Awards Session will be held from 6:30-7:30 p.m. on Tuesday, November 18, directly following the Linnaean Games Finals.

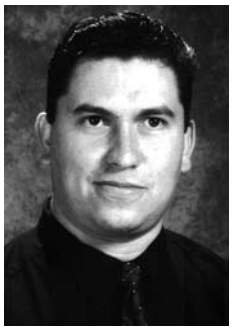
The Entomological Foundation is a 501(c)(3) not-for-profit organization, and is totally independent from ESA. Its mission is to stimulate interest in insects and insect science among children, our next generation of scientists. The Foundation's professional and student awardees are listed below.

Professional Awards

Award for Excellence in Integrated Pest Management *(Sponsored by Syngenta Crop Protection)*—This award recognizes and encourages outstanding contributions to applied IPM in North America and the U.S. territories. This year's winner, **Dr. Jocelyn G. Millar,** is a professor in the Department of Entomology at the University of California, Riverside. His research as an entomologist and chemical ecologist has concentrated on the identification and synthesis of insect semiochemicals and related compounds. His research on numerous insects and the many plants they affect has contributed to integrated pest management in California, the U.S., and internationally. Dr. Millar's identification and development of pheromones of mealy bugs has been instrumental in managing these pests in vineyards, and applications in other cropping systems are under development. In another large project with Professor Larry Hanks at the University of Illinois, his research into the chemical communication systems used by cerambycid beetles represents a breakthrough for IPM of endemic and exotic wood borers. He currently has 186 refereed scientific papers, three edited books, and 15 book chapters, with five additional chapters submitted or in press.

Integrated Pest Management Team Award *(Sponsored by Dow AgroSciences)*—This annual award recognizes the successful efforts of a team approach to IPM by a small collaborative group involving industry and academic scientists of no more than 10 team members. This year's winner, the **Almond Pest Management Alliance IPM Team,** is comprised of seven members from both the public and private sectors. The team was formed to develop the publication *Seasonal Guide to Environmentally Responsible Pest Management Practices for Almonds,* based on research and demonstration projects conducted for six to eight years in three primary growing areas in California. The team developed a program of insect pest management that has resulted in substantial reductions of organophosphate use. The program consists of a combination of biological, cultural, and reduced risk insecticide alternatives. The *Seasonal Guide* publication is an easy-to-understand and easy-to-implement seasonal approach to practical almond pest management, developing and outlining economic thresholds for using reduced risk pesticides and when to use broad-spectrum insecticides. 13,000 copies were printed and mailed to every almond grower in the state. The team members are as follows: Walter J. Bentley, University of California Kearney Agricultural Center; Barat Bisabri, Dow AgroSciences; Joseph Connell, University of California Cooperative Extension, Butte County; Roger Duncan, University of California Cooperative Extension, Stanislaus County; Carolyn Pickel, University of California Cooperative Extension, Sutter-Yuba Counties; Mario Viveros, University of California Cooperative Extension, Kern County; and Frank G. Zalom, University of California, Davis.

President's Prize for Outstanding Achievement in Primary Education *(Sponsored by ESA)*—This award recognizes educators (kindergarten to grade six) who have gone beyond the traditional teaching methods by using insects as educational tools. This year's winner, **Sergio de Alba,** is a fourth-grade teacher at R.M. Miano Elementary School in Los Banos, California. Sergio's original lesson plan for fourth through sixth grade students, *Arachnid Mania,* is an eight-month long thematic unit. Each student chooses a few arachnid specimens to research, and then chooses an experiment to conduct on them from a list of possible experiments. The five-step scientific method is used for their experiments. When his class finishes their research, scientific experiments, and short stories they have created about their specimens, the fourth graders are in charge of running the school- wide, hands-on, science-based program for 40 kindergarten through grade-six classes (880 students). The program provides an opportunity to improve writing, research, and oral communication skills. Sergio will receive a check to attend a peer, professional meeting to present his use of insects as teaching tools in the classroom, and a check for his school to purchase teaching materials required to expand the use of insects in the teaching curriculum.



President's Prize for Outstanding Achievement in Secondary Education *(Sponsored by ESA)*—This award recognizes teachers (grades 7-12) who have gone beyond the traditional teaching methods by using insects as educational tools. This year's awardee, **Tamica Stubbs,** is a biology instructor at Waddell High School in Charlotte,

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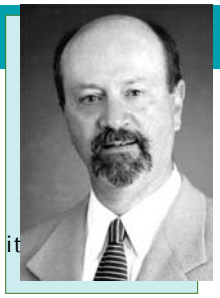
President's Corner



Michael E. Gray, 2008 ESA President

It has been a fast year! My predecessors told me that the year would disappear rapidly, and they were correct. I am pleased to report that this year of *metamorphosis* for ESA has been filled with many accomplishments. The metamorphosis included new Sections (with different names and acronyms we're still trying to remember), heightened expectations for our newly crafted Sections, new charges for our fresh Leadership Councils, emerging Networks, new standing committees, new staff members at ESA Headquarters, and the fine leadership of our first-year Executive Director, Robin Kriegel.

In the midst of these sweeping changes, we nonetheless began this year together on several ambitious fronts. Goals that I established and shared with the Governing Board in San Diego included the following: 1) hire and finalize negotiations with the new ESA Executive Director, 2) implement a new ESA Headquarters management model, 3) review the ESA central strategic plan, 4) continue development and implementation of an optimum publications strategy, 5) evaluate the membership desire for a new ESA logo, 6) continue supporting the ESA bid for the 2012 International Congress of Entomology, 7) enhance and strengthen the partnership with ESA Branches, 8) facilitate the empowerment of the new Section leadership, and 9) engage and encourage the Network leadership to fulfill the potential of these Networks. I am happy to report that most of these objectives were accomplished and significant progress has been made on the others. I look forward to sharing more details on these achievements during my plenary remarks in Reno.

It took a team effort to accomplish these goals in the face of many swirling changes. I was fortunate to work with a truly dedicated group of ESA colleagues and friends, the 2008 Governing Board: Marlin Rice, Vice President; Dave Hogg, Vice President-Elect; Scott Hutchins, Past President; Phil Mulder, Treasurer; Larry Charlet, North Central Branch; George Hamilton, Eastern Branch; Marvin Harris, Southwestern Branch; John Heraty, Systematics, Evolution, and Biodiversity Section; Gail Kampmeier, Plant-Insect Ecosystems Section; Tim Lysyk, Structural, Veterinary and Public Health Systems Section; Mike Parrella, Pacific Branch; Coby Schal, Integrative Physiological and Molecular Insect Systems Section; and Mike Williams, Southeastern Branch. I will forever be thankful for the spirit of cooperation and collegiality they displayed throughout the year.

As I write this final column, the Annual Meeting in Reno has yet to take place. However, all preliminary signs suggest that it will be a very successful and exciting meeting. To organize and coordinate the largest annual entomological meeting in the world requires incredible devotion and talent. These qualities were in evidence throughout the year among members of the Committee on Annual Meeting Program as they flawlessly implemented a game plan for Reno. It has been my pleasure to serve with the 2008 Program Planning Committee: ESA Annual Meeting Program Co-Chairs Ric Bessin, Grayson Brown, and Doug Johnson; Local Arrangements Co-Chairs Mike Jackson and Alvin Simmons; Student Competition Co-Chairs Carol Pilcher and Clint Pilcher; Poster Chair Bob Peterson; Section Representatives Margaret Allen (IPMIS), Marc Branham (SEB), Paul Goldstein (SEB), Bill Hutchison (P-IE), Phil Kaufman (SVPHS), Walter Leal (IPMIS), and Rob Wiedenmann (P-IE); Student Liaison Anne Nielsen; and ESA Headquarters Liaisons Mary Falcone, Robin Kriegel, and Keith Schlesinger.

The metamorphosis of ESA could not have been accomplished in 2008 without the impressive contributions of our ESA Headquarters staff, which included many new members. I offer my thanks to the following staff members for making this year of change so smooth, and for their cooperative "can do" attitude and team spirit: Elizabeth Caesar, Desktop Publisher; Mary Falcone, Executive Administrator; Renee Harris, current Director of Membership and Marketing; Alan Kahan, Director of Communications; Richard Levine, Communications Program Manager; André Owens, Membership and Constituent Relations Program Manager; Chris Stelzig, former Director of Membership and Marketing; and Neil Willoughby, Director of Finance.

While in Reno, I encourage you to visit with this talented group of individuals and offer your thoughts and suggestions regarding how ESA's service to our members can be enhanced. I know the entire staff welcomes your input and really enjoys the opportunity to interact with members during our Annual Meeting. Robin Kriegel, ESA Executive Director, deserves special recognition for offering her fresh approaches and innovative perspectives throughout the year. It was my pleasure to serve with Robin this past year, and I look forward to continuing working with her, Marlin Rice (the next President of ESA), and the 2009 Governing Board as we begin a new strategic planning initiative for our organization. Marlin Rice will provide much more information about this important process throughout 2009.

As we look forward, ESA has many assets upon which to build: strong financial reserves, well established and respected journals, a strong Annual Meeting with international appeal, an increasing number of members in recent years, and a new organizational structure designed to enhance our flexibility and responsiveness. As entomologists we have many reasons to remain optimistic about our future. Indeed, there are many pressing issues of global significance that will require our leadership as scientists.

I remain humbled by the great honor to serve as President of the ESA this past year. I will forever remain thankful to ESA members who have granted me this special privilege to serve on their behalf. I look forward to a great scientific meeting in Reno and interacting with colleagues and sharing stories with old friends. I hope that you will stop me in the hallways of the convention center and share your thoughts and perspectives on the metamorphosis of 2008 and how we can work together to make 2009 a year of continued accomplishments and growth.

Mike Gray, President
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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).

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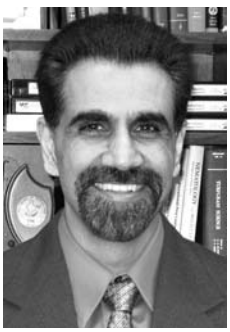
North Carolina. She often selects insects as models over other organisms to demonstrate biological processes/concepts, such as respiration, genetics patterns, symbiotic relationships, anatomy, and enzyme activity. She has learned, developed, and adapted many lessons involving the use of insects to make her classroom time spent with students more interesting and productive. Her lesson plan *Where Have All the Insects Gone?* is geared toward ninth through twelfth graders. The intent of this lesson plan was to create field ecologists in the classroom who would research a declining species of insect, including its niche and the consequences of its demise, and then form hypotheses of these events. Utilizing methodologies previously taught in the *Wolbachia* Project and knowledge/methodologies from their ecology and natural selection units, students actively pursued a conclusion. Tamica will receive a check to attend a peer, professional meeting to present her use of insects as teaching tools in the classroom, and a check for her school to purchase teaching materials required to expand the use of insects in the teaching curriculum.

Recognition Award in Urban Entomology *(Sponsored by S.C. Johnson & Son, Inc.)*—This award recognizes outstanding extension, research, and teaching contributions in urban entomology, including structural and wood-destroying pests and pests of ornamental plants, shade trees, and turf. This year's winner, **Dr. Parwinder S. Grewal,** is a professor of entomology at Ohio State University. Dr. Grewal is considered a world authority on entomopathogenic nematodes and their application in biological control of turfgrass and horticultural pests. Recently, Dr. Grewal's laboratory led a series of studies to define parameters associated with nematode application technology. The project joined several disciplines, including physics, engineering, and biology, that significantly extended our knowledge of nematodes in various spray systems. He is also the leader of the first complete genome sequencing project of an entompathogenic nematode. The sequencing project will lead to numerous new avenues to expand the biocontrol utility and to provide considerable insight into basic pathogen-host relationships. He has published 135 peer-reviewed research papers and has edited a book on entomopathogenic nematodes. He has released 34 extension publications, has developed 52 educational programs for the turfgrass industry, and holds six patents.



Thomas Say Award—This award is given for significant and outstanding work in the fields of insect systematics, morphology, or evolution. This year's winner, **Dr. Stephen A. Marshall,** is a professor of entomology at the University of Guelph, where he is in charge of the University of Guelph Insect collection and teaches courses including insect biosystematics, field entomology, and insect biology and diversity. His research deals mainly with systematics of acalyptrate Diptera, but includes a wide range of projects in insect systematics and faunistics. His 2006 book, *Insects: Their Natural History and Diversity* (Firefly Books), used over 4,000 of his own photographs to make North American insect diversity accessible to an unprecedented range of scientists, naturalists, and students, and his more recent book, *500 Insects* (Firefly Books, 2008), provides a visual overview of insects from around the world. Steve is also the founding editor of, and a regular contributor to, the *Canadian Journal of Arthropod Identification*.

Student Awards

BioQuip Undergraduate Scholarship—BioQuip Products, a major supplier of entomology equipment, sponsors this scholarship to encourage student interest in entomology. This year's recipient, **Patricia L. Mullins,** is a senior at Texas A&M University majoring in entomology. In 2007, Patricia enrolled in the Texas A&M University Study Abroad Program on the island of Dominica. During this three-week program, she undertook two projects. The first was an individual project sampling two species of *Heliconia* plants for a comparison of arthropod diversity. The other was a group project where she collected and identified fig wasp pollinators and inquilines. She returned to Dominica this summer to continue her fig wasp research, exploring such aspects as feeding behavior and pollinator and inquiline diversity, results of which she plans to publish. Her future goals include going to graduate school to complete her master's degree and Ph.D. with the intention of studying fig wasps or other parasitic Hymenoptera.

The International Congress on Insect Neurochemistry and Neurophysiology (ICINN) Student Recognition Award in Insect Physiology, Biochemistry, Toxicology, and Molecular Biology *(Sponsored by ICINN)*—This award recognizes and encourages innovative research in the areas of insect physiology, biochemistry, toxicology, and molecular biology in the broad sense. The areas of research may include development, genetics, defense mechanisms, and other offshoots of physiology, biochemistry, and toxicology. This year's winner, **Dr. Ronda Hamm,** received her Ph.D. in entomology this past June from Cornell University, where she also earned her M.S. She received her B.S. from California State University, Fresno in agricultural education. Ronda's thesis project involved a range of approaches to the problem of house fly sex determination, from physiology, to toxicology, to formal genetics, to molecular genetics, including theoretical population genetics. Her research focused on the linkage of the male sex determining factor in house flies, which led to a number of publications in refereed journals. While at Cornell, she was also actively involved in outreach activities and was a founding member of Insectapalooza, a one-day Entomology Department educational open house. This event attracts over 3,000 attendees and volunteers annually. She is currently a senior biologist in pest management at Dow AgroSciences.

Jeffery P. LaFage Graduate Student Research Award—Established by an endowment from donations by Rousell Bio, Dow AgroSciences, FMC, and the friends and family of Dr. Jeffery P. LaFage, this grant is awarded to a graduate student who proposes innovative research that advances or contributes significantly to the knowledge of the biology or control of pests in the urban environment, especially termites or other wood-destroying organisms. This year's winner, **Neil A. Spomer,** is a Ph.D. student majoring in entomology at the University of Nebraska. Neil's Ph.D. program in urban entomology emphasizes environmental toxicology and soil chemistry impacting subterranean termite management. He is specifically focusing on soil chemistry affecting the behavior of

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Renew Your ESA Membership for 2009

It's that time. Renewal season for ESA 2009 membership is underway!

Because of valued members like you, we are close to completing another successful year. The Society is energized and focused, and is tackling the issues of the future, as well as the needs of our members.

In 2009, all ESA journals will be available to members electronically starting at volume one. For ESA members, that means **FREE** access to a world of information and years of research directly at your fingertips. For *Annals of the Entomological Society of America,* that's 452 issues; for *Environmental Entomology,* 162 issues; for *Journal of Economic Entomology,* 546 issues; and for *Journal of Medical Entomology,* 210 back issues! This is an incredible membership benefit that you do not want to let pass by.

Renewing your ESA membership also connects you to nearly 6,000 people from around the world who share your interest in entomology. Whether you're new to the field of entomology or you're more of a seasoned professional, your membership in ESA offers you a range of exceptional benefits. For example:

- **Subscription Savings**—Members enjoy discounted rates on printed journal subscriptions.
- **Reduced Author Charges**—Authors who are members receive discounts on page charges.
- **Presentation Opportunities**—Members may submit abstracts for presentation during the Society's Branch meetings and the national Annual Meeting.
- **Networking Opportunities**—Through the ESA online Networks, members can communicate with their peers, allowing a free flow of information on shared topics of interest.
- **Reduced Registration Fees**—Members save on all registration fees for the Annual Meeting as well as Branch meetings.
- **Certification**—Enjoy opportunities to become a Board Certified Entomologist (BCE) or an Associate Certified Entomologist (ACE) to enhance your professional status and know-how.
- **Book and Resource Discounts**—Members can take advantage of savings on a variety of books and monographs.
- **Membership Directory**—Access our online database of ESA members, with the ability to search by name, region, Branch, Section, or specialty.
- **Participation Opportunities**—Every member has the opportunity to participate fully in the ESA governance process by voting in elections and by volunteering to serve on committees, boards, councils, or elected officers positions.

We want you to be a part of the excitement of ESA as we go into 2009! Your ESA membership brings so many benefits, and since membership is based on the calendar year, the earlier you renew, the more you get for your annual membership fee.

Help us keep our voice loud and strong in the field of entomology. Visit http://www.entsoc.org/renew.htm to renew today. ESA is comprised of people committed to making the world a better place through their love and work with insects. Make your plans now to renew or join ESA and stay connected with your peers. Strength is in numbers, and with your renewal, we will became stronger by one.

Renew at the Annual Meeting

If you are attending the ESA Annual Meeting in Reno, Nevada, November 16–19, you can join or renew your membership at the ESA Booth (#310) in the Exhibit Hall. Stop by the booth any time the Exhibit Hall is open and our staff will assist you.

Why Upgrade to a President's Circle Membership?

With dues twice as high as regular members, why do certain ESA members choose to upgrade their memberships to the President's Circle level? I spoke with two members, Scott Hutchins (Dow Agrosciences) and Melody Keena (U.S. Forest Service), to find out why they have chosen this membership option.

Scott Hutchins, ESA's Past President, has been a President's Circle member for the past five years. Scott chose to upgrade to a President's Circle membership for a number of reasons: 1) In a leadership position in the Society, he wanted to be a role model for other members to go "above and beyond" by investing in the Society to support the financial health of the ESA, and 2) he wanted to give back to a society that has provided him so much professional enrichment. Scott encourages other members to upgrade to the President's Circle level in order to sponsor an international member who could not join otherwise.

Melody Keena, Past President of the Integrative Physiological and Molecular Insect Systems (IPMIS) Section, has also been a President's Circle member for more than five years. Melody initially chose to become a President's Circle member to help the Society when finances were low, and she continues because this enables her to give a membership to a colleague in another country who does not have easy access to ESA journals and other information. Melody has provided ESA memberships to colleagues in Russia and China. She encourages other members to consider upgrading to a President's Circle membership because it is a good way to extend the influence of ESA around the world and to provide extra assistance to entomologists in developing countries.

Natalie Hummel

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 Program country who may otherwise not be able to join or renew.

The President's Circle option is open to anyone who has interest or training in entomology and wants to make an additional contribution to the Society. It is a structured and organized way that members can "give something back" to their Society and their profession.

President's Circle members are recognized for their additional contributions at the Annual Meeting and in the *ESA Newsletter*. President's Circle members include entomologists in a variety of professions, including federal government organizations, universities, and industry fields, to name just 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.

Natalie Hummel
2009 Chair, Committee on Membership
NHummel@agcenter.lsu.edu

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new generation, non-repellent termiticides. He currently has five peer-reviewed articles published and one under review. Neil is also a Board Certified Entomologist-Intern.

Kenneth and Barbara Starks Plant Resistance to Insects Graduate Student Research Award—Established by an endowment from donations by Kenneth J. and Barbara Starks and additional donors, this grant is awarded to a graduate student in entomology or plant breeding/genetics for innovative research that contributes significantly to knowledge of plant resistance to insects. This year's awardee, **Keith Post,** is pursuing his M.S. degree at the State University of New York College of Environmental Science and Forestry. He received his B.S. from Georgetown University in Washington, D.C. Keith's research involves insect interactions with genetically modified elm and chestnut to see if transgene expression itself, or the inexact gene insertion process, has any non-target effects on typical herbivorous insects. His research results will provide quantitative data necessary for determining whether forest restoration using these particular transgenic trees is environmentally safe.

Larry Larson Graduate Student Award for Leadership in Applied Entomology *(Sponsored by Dow AgroSciences)*—This award recognizes Dr. Larry Larson's role as a leader and pioneer in insect management and carries that legacy to the next generation of leaders in applied entomology. This year's winner, **Joshua H. Temple,** is a Ph.D. candidate at Louisiana State University, where he also earned his M.S. in entomology. He received his B.S. in agribusiness from the University of Louisiana-Monroe. Josh's research project involves quantifying economic losses associated with red banded stink bug (*Piezodorus guildinii* Westwood) infestations in Louisiana soybean, developing dynamic action thresholds, and evaluating sustainable management strategies. The red banded stink bug has recently emerged as the most devastating stink bug pest in Louisiana soybean production and has migrated to all bordering states of Louisiana. His future research plans include research projects on the integration of precision agricultural technologies into pest management strategies in row crops, and improving integrated pest management programs in cotton, soybean, grain sorghum, and field corn.

Lillian and Alex Feir Graduate Student Travel Award in Insect Physiology, Biochemistry, or Molecular Biology—This award was established by Dorothy Feir, 1989 President of ESA, to encourage graduate students working with insects or other arthropods in the broad areas of physiology, biochemistry, and molecular biology to attend the ESA Annual Meeting or an International Congress of Entomology. This year's winner, **Margaret C. Gentz,** is a Ph.D. student at the Institute for Molecular Bioscience at the University of Queensland, Australia. She received her M.Sc. in entomology from the University of Hawaii at Manoa in 2007, and her B.A. in biology from Connecticut College in 2004. During her M.Sc., Maggie studied the toxicity of boron compounds in the Formosan subterranean termite. Maggie is interested in working in an applied science context where her research could lead to novel compounds for insect pest management. Her current Ph.D. research focuses on screening venoms of native Australian funnel-web spiders and tarantulas for novel, environmentally-friendly insecticides.

Pioneer Hi-Bred International Graduate Student Fellowship *(Sponsored by Pioneer Hi-Bred International)*—This fellowship recognizes and encourages innovative research and graduate education in the area of entomology with a focus on key insects or complexes of insects that affect corn, soybeans, canola, alfalfa, or other significant commodity crops. This year's winner, **Kevin D. Johnson,** is a Ph.D. student at Iowa State University majoring in entomology. Kevin's research focuses on better understanding plant responses to insect injury and the assessment of available control tactics for yield protection. The three main research objectives include investigating new modeling techniques for the development of multi-pest economic injury levels (EIL), verifying the current soybean aphid economic injury levels in narrow-row soybean production, and optimizing insecticide application for management of soybean aphids. In addition to his research, he has organized an insecticide evaluation program focusing on the soybean aphid. This program evaluates over 30 individual active ingredients representing at least five classes of chemistry, including contact and systemic insecticides for soybean aphid control and yield protection. Kevin has presented the results of this program in many extension publications and at meetings with farmers and agribusiness groups. His goal is to continue producing timely and applied insect research that will benefit farmers within the Midwest and worldwide.

Stan Beck Fellowship—Established in tribute to Stanley D. Beck, a notable scientist who pursued his profession despite the effects of a debilitating disease, this award assists needy students at the graduate or undergraduate level of their education in entomology and related disciplines. This year's fellow, **Thomson Paris,** is a master's degree student at the University of Florida majoring in entomology. His B.S. in biology is from Southern Adventist University in Tennessee. Thomson's interest in entomology started as he was collecting butterflies when he was six years old, after reading the book *Eyes for Benny*. His goal is to begin an extensive program to make butterflies a key player in conserving the environment by educating people in his community and making them more environmentally aware. Thomson is interested in coupling business and science together to promote conservation. He would like to pursue a Ph.D. in Lepidoptera after completing his master's degree.

Entomological Foundation Dinner and Silent Auction

Tickets can still be purchased for the Entomological Foundation Dinner at the Foundation's booth (#416) at the ESA Annual Meeting in Reno, but no later than 12:00 noon, Monday, November 17. Tickets sold at the booth will be $115/person, $70/student. Seating is limited, so please purchase your tickets now. This year's dinner will be held in honor of Dr. Wendell Roelofs at the National Auto Museum on Tuesday, November 18, at 8:00 p.m.

The Foundation's silent auction will also be held during ESA's Annual Meeting. If you would like to donate an auction item, you can still do so by calling April Gower at 301-459-9083 (you will need to bring the item to the booth).

Welcome New and Returning Members!

ESA welcomes the new members who have recently joined and previous members who have returned after two or more years away from the Society. Professional affiliations are noted where provided.

Dr. Laura R. Abad, Pioneer Hybrid
Ms. Nicole L. Abbott, University of Nevada, Reno
Ms. Angelita Lacaran Acebes, University of Hawaii at Manoa
Ms. Kelly Adams, IPM Institute of North America, Inc.
Mr. Jeongjoon Ahn, Seoul National University
Mr. John D. Aigner, Jr.
Dr. Heidi M. Appel, University of Missouri
Mr. Alan D. Archambeault
Mr. Tidiane Aw, University of Nevada, Reno
Ms. Jessica N. Awad, University of Florida
Ms. Karen P. Barandoc
Mr. Krishnareddy Bayyareddy, University of Georgia
Dr. Matthew A. Bedoukian, Bedoukian Research
Miss Consuelo Belda, Institut de Recerca i Tecnologia Agroalimentàries
Ms. Elizabeth M. Bell
Ms. Molly E. Bench, Boise State University
Mr. Bradley Thomas Bennett, Western Illinois University
Mr. Michael A. Biltonen, Frog Hollow Farm
Mr. Brett Robert Blaauw
Mrs. Nicole F. Boehme
Ms. Cristina M. Brady, University of Kentucky
Dr. Berry J. Brosi, Stanford University
Dr. Georges Brossard, Insectarium De Montreal
Dr. Sibyl R. Bucheli, Sam Houston State University
Dr. Dana L. Campbell, University of Maryland
Ms. Ann Carr
Ms. Katelyn Cox Chalaire, Texas A&M University
Mr. Eric Yun Chang, University of Nevada, Reno
Mr. Luis F. Chaves, Emory University
Dr. Sei-Woong Cho, Mokpo National University
Miss Emily Louise Clark, University of Dundee
Mr. Daniel Clark, Utah Department of Agriculture and Food
Ms. Karyn Collie, City University of New York
Miss Lesly M. Colón Sánchez, University of Puerto Rico
Dr. Steven C. Cook, Texas A&M University
Miss Nicola Cook, University of Dundee
Mr. Samuel Bernell Cooke, Winthrop University
Dr. Lewis B. Coons, University Of Memphis
Mr. Graeme M. Davis, New Mexico State University
Dr. Georgia L. Davis, University of Missouri
Mr. Thomas Seth Davis, Northern Arizona University
Dr. Aaron Todd Dossey, University of Florida
Mr. John R. Drebus
Mr. Scott P. Egan, Vanderbilt University
Mr. Andrew M. Ermer
Ms. Leslie K. Foss, USDA-APHIS
Dr. Stephen P. Foster, North Dakota State University
Ms. Jessica Fournier, University of Windsor
Mr. Mark S. Fox, Tulane University
Mr. Seth Gersdorf, Bayer CropScience
Dr. Gabriella Gibson, University of Greenwich
Miss Maria P. Giraldo, University of Nevada, Reno
Dr. Itamar Glazer, Agricultural Research Organization of Israel
Mr. Andrew Joel Gorzalski
Dr. George M. Happ, University of Alaska Fairbanks
Miss Christa Elizabeth Hardy, Colorado State University
Mr. Gregory Dean Harmison, Mercer Arboretum & Botanic Gardens
Dr. Harlan J. Hendricks, Columbus State University
Ms. Rochelle Hoey-Chamberlain, Spokane Falls Community College
Mrs. Jodi J. Holeman, California State University, Fresno
Miss Leslie A. Holmes, University of Windsor
Dr. Keita Hoshino, National Institute of Infectious Diseases
Miss Beth A. Irwin
Mr. Kody Johnson
Dr. Shizuo George Kamita, University of California, Davis
Dr. Christopher I. Keeling
Ms. Martha W. Kiarie, Kosin University
Mr. Taegyun Kim, Seoul National University
Mr. Ryan K. Kimbirauskas, Michigan State University
Mr. Nicholas Wade Kimps, North Carolina State University
Mr. Jonathan B. Koch, Utah State University
Ms. Sarah D. Kocher, North Carolina State University
Mr. Frank Kohn, Monsanto Company
Mrs. Heather Smith Koppenhofer, Rutgers University
Ms. Kristen A. Leach, University of Missouri
Mr. Christopher J. Leonard, Immune Macro Biotic Technology, Ltd.
Ms. Misha Leong
Miss Elizabeth Y. Long
Mr. Greg Maberry, Texas A&M University
Dr. Taro Maeda, Washington State University
Mr. Michael S. Martinez, Marrone Organic Innovations
Dr. Heather Rose Mattila, Cornell University
Mr. Michael T. McCarville, Iowa State University
Dr. Mollie McIntosh, Michigan State University
Mr. Matthew Isaac McKinney, West Liberty State College
Ms. Wendy L. Meyer, University of Florida
Mr. Steven G. Milian, University of Florida
Ms. Jennifer R. Milligan, Cleveland State University
Ms. Bridgette F. Moody, Western Illinois University
Dr. Lloyd W. Morrison, Missouri State University
Mr. Richard Mortensen
Ms. Heather Moscrip
Mr. Matthew J. Moulton, Brigham Young University
Mr. Joseph D. Mugleston, Brigham Young University
Dr. Brent W. Murray, University of Northern British Columbia
Miss Kimberly Nelson
Mr. Jong-Seok Park, Louisiana State University
Dr. Steven C. Pennings
Mr. Ryan K. Perry, California Polytechnic State University
Dr. Douglas J. Pesak, Bedoukian Research, Inc.
Miss Melissa Jean Porter, Michigan Technological University
Ms. Erinn Nicole Powell
Mr. Scott Prajzner
Mr. Christian Rabeling, University of Texas at Austin
Ms. Amanda J. Ramsey, Scentry Biologicals, Inc.
Ms. Maia L. Raymundo
Mr. Matthew Douglas Reis, Sr., Virginia Tech
Dr. Carlos Reyes, Suterra LLC
Mr. Steven Michael Reyna
Mr. Brian Reynolds, Reynolds Pest Management, Inc.
Mr. Paul R. Rhoades, University of Tennessee
Dr. Stephen Richards, Baylor College of Medicine
Ms. Juanita Rodriguez, Utah State University
Ms. Artemis Roehrig
Mr. Michael William Ruhl, University of Georgia
Mr. Rick G. Santangelo

(continued on p. 8)

Member News

Alexis M. Barbarin, a graduate student at Penn State University, won one of two 2008 scholarships (along with Christopher R. Swain) from the Minorities in Pest Management, an affiliate group of the National Pest Management Association. Barbarin has worked closely with Philadelphia pest management professionals, and her primary research is focused on bed bug behavior and management.

David W. Fincannon, president of A-All Pest Termite Exterminators, Inc., has collaborated with Pi Chi Omega to produce a DVD titled *The Greatest Generation and the Modern Pesticide Revolution,* which chronicles the pest control industry prior to, during, and after World War II. An excerpt can be viewed at http://www.pctonline.tv/viewVideo.php?fileID=113. To order the DVD, write to Vern Toblan at verntoblan@verizon.net.

Parwinder S. Grewal, a professor of entomology with Ohio State University's Ohio Agricultural Research and Development Center, has been elected president of the Society of Nematologists. Grewal has attracted international recognition by studying insect-parasitic nematodes, which are used as biological insecticides against a wide variety of pests in turfgrass, ornamental plants, citrus, strawberries, cranberries, and other crops.

D. Ames Herbert, a professor of entomology and Virginia Cooperative Extension entomologist, received the Andy Swiger Land-Grant Award for his contributions to Virginia Tech's College of Agriculture and Life Sciences. Established to reward creative achievement and commitment to the college, the award recognizes a faculty and a staff member whose accomplishments in teaching, research, or extension work greatly benefits the agriculture industry and improves the quality of life for Virginians.

Ke Chung Kim, a Penn State professor of entomology and curator at the Frost Entomological Museum, officially retired in September.

Z B Mayo, interim associate dean and interim associate director of the University of Nebraska-Lincoln's Agricultural Research Division, was named the National Educational Administrator of the Year during the National Association of Educational and Office Professionals awards conference in Broomfield, Colorado. Mayo won the Nebraska Educational Office Professionals Association Educational Administrator of the Year award in October, 2007, which made him eligible for the national award. Mayo previously served as head of the Department of Entomology, and has been on the faculty at UNL since 1972.

Stuart E. Mitchell, a medical entomologist and consulting physician with Springer Pest Solutions, has been awarded fellow status in the American Association of Integrative Medicine (AAIM). Fellow status is AAIM's highest honor. Dr. Mitchell will also begin his one-year term as Director of ESA's Certification Board at the end of the ESA Annual Meeting in Reno this month.

Christopher R. Swain, a graduate student at Texas A&M University (TAMU), was one of two winners (along with Alexis M. Barbarin) of the 2008 Minorities in Pest Management Scholarship. Besides studying at TAMU, Swain owns and operates Premier Pest Control in College Station, TX, and he also works as a research assistant at TAMU's Center for Urban Entomology.

James H. Tumlinson, Ralph O. Mumma professor of entomology at Penn State University, may be the first entomologist ever to be depicted on a trading card. The cards, which resemble baseball cards but feature university faculty members, were produced by the Penn State Alumni Association and are being distributed for free at home football games.

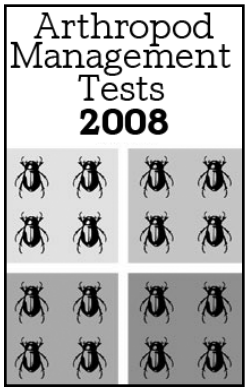
Condolences

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

- Herbert A. Dean, Weslaco, TX

AMT 2008 Is Now Online

Arthropod Management Tests 2008, Volume 33, is online and freely accessible to all ESA members. Simply log on to the ESA website at www.entsoc.org and once logged in, click the link for *Arthropod Management Tests*.



For those who are interested in publishing reports for the 2009 volume, the deadline for submission is December 31, 2008. For more information, see http://www.entsoc.org/Protected/AMT/Guidelines/guidelines.html.

Job Opportunities

GRADUATE RESEARCH ASSISTANTSHIP: A well-qualified Ph.D. candidate is sought for a GRA available in the Entomology Emphasis Area of Div. of Plant Sci. at the Univ. Missouri-Columbia. Qualified applicants have an M.S. (preferred) or B.S. in a related field. Potential projects are flexible, but may include corn rootworm-host interactions and/or characterization and cross resistance of rootworm colonies resistant to transgenic corn. Research assistantships provide an annual stipend of approximately $18,000/yr plus tuition. Send letter of interest, unofficial transcripts, a curriculum vitae, and names, addresses, phone numbers, and email addresses of at least three potential contacts to Bruce E. Hibbard, hibbardb@missouri.edu. For questions, call Bruce Hibbard at 573-882-6281.

FIELD R&D SCIENTIST: Position supports the global product development efforts of Valent BioSciences Corporation. Responsible for Field R&D activities primarily in the Midwest US, with an emphasis on row crops; other areas of field research likely will include fruit & vegetable crops. Field research will focus on VBC experimental materials for the improvement of crop productivity in the Midwest US. Five to ten years' experience in field research related to the evaluation of agricultural products in agronomic crops. Advanced degree in an agricultural or related science required; PhD preferred. Please send resumes to careers@valent.com.

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:

- Marc Anderson, ACE
- Sean Crowley, ACE
- Toby W. Palmer, BCE
- Michael D. Peaslee, ACE
- James T. Vogt, BCE

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.

For the Datebook

Year 2008

✎ **The 2008 ESA Annual Meeting** will be held at the Reno-Sparks Convention Center in Reno, Nevada, November 16-19. URL: http://www.entsoc.org

The Agricultural Institute of Canada's 2008 Conference will take place in Toronto, November 17-18, 2008. URL: http://www.aic.ca/conferences/upcoming.cfm

Year 2009

✎ **The 20th USDA Interagency Research Forum on Invasive Species** will be held January 13-16, 2009 at the Loews Annapolis Hotel in Annapolis, MD. Contact Kathy McManus at 203-230-4330 or kmcmanus@fs.fed.us.

✎ **The 3rd International Symposium on Biological Control of Arthropods** will be held February 8-13, 2009 in Christchurch, New Zealand. URL: http://events.lincoln.ac.nz/isbca09/default.htm

✎ **The International Symposium on the Asian Tiger Mosquito**, hosted by the Center for Vector Biology at Rutgers University, will be held February 12-13, 2009. For further information regarding the Symposium, please contact, Mark P. Nelder, PhD, mnelder@rci.rutgers.edu and visit http://www.rci.rutgers.edu/~vbcenter/atmsymposium.php for future updates.

✎ **The 57th Annual Meeting of the Southwestern Branch of the Entomological Society of America and the Annual Meeting of the Society of Southwestern Entomologists** will be held February 23-26, 2009 in Stillwater, Oklahoma. Contact: Bonnie Pendleton, bpendleton@wtamu.edu.

✎ **The Annual Meeting of the Southeastern Branch of the Entomological Society of America** will be held March 8–11, 2009 at the Renaissance Hotel and Spa in Montgomery, Alabama.

✎ **The Annual Meeting of the North Central Branch of the Entomological Society of America** will be held March 15-18, 2009 at the Hilton at the Ballpark in St. Louis, Missouri.

✎ **The Annual Meeting of the Eastern Branch of the Entomological Society of America** will be held March 20-23, 2009 in Harrisburg, Pennsylvania at the Hilton and Towers.

✎ **The Sixth International IPM Symposium, "Transcending Boundaries,"** will be held in Portland, Oregon March 24-26, 2009 at the Portland Convention Center. Contact Elaine Wolff at 217-333-2880 or wolff1@uiuc.edu. URL: http://www.ipmcenters.org/ipmsymposium09

✎ **The Department of Entomology at Virginia Tech's Golden Jubilee Celebration** will be held March 27-28, 2009. All alumni are welcome. For more information, contact L. T. Kok at ltkok@mail.vt.edu or call 540-231-6341. To update or create your alumni profile, visit www.alumni.vt.edu/gateway.

✎ **The 93rd Annual Meeting of the Pacific Branch of the Entomological Society of America** will be held March 29 – April 1, 2009 at the Bahia Resort Hotel On Mission Bay in San Diego, California. For more information call 559-646-6527.

New Members, from p. 6

Dr. Jade Savage, Bishop's University
Dr. Mark Schlueter, Georgia Gwinnett College
Ms. Clare H. Scott, University of Florida
Dr. Marc A. Seid, Smithsonian Tropical Research Institute
Ms. Jaspreet Kaur Sidhu, Louisiana State University
Ms. Lisa Silberman, University of Nebraska-Lincoln
Mr. Mauro Simonato
Miss Alysha Marie Soper
Mr. Bryan K. Stevens
Ms. Chelsea Rai Swatsell, University of Texas at Tyler
Dr. David Arden Tanner, Utah State University
Dr. Zeljko Tomanovic
Mr. James A. Turner, National Museum of Wales
Dr. Ryan Wagner, Millersville University
Mrs. Cecilia Waichert, Utah State University
Mr. Daniel R. West, Colorado State University
Dr. Matt R. Whiles, Southern Illinois University
Mr. Eric Williges, Mercer County Mosquito Control
Mr. Christopher M. Wilson, Texas A&M University
Mr. Nik G. Wiman, Washington State University
Mr. Ross C. Winton, Montana State University
Dr. Stephen M. Wright, Middle Tennessee State University
Ms. Shaohui Wu, Virginia Tech
Dr. Gusui Wu, Pioneer Hi-Bred International, Inc
Mr. Yunlong Yang, Louisiana State University
Mrs. Jianzhen Zhang, Kansas State University
Ms. Wei Zhou

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