



ESA Newsletter



Information for Members of the Entomological Society of America

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NEW: Early Career Innovation Award

ESA is proud to introduce the Society's newest professional award. Sponsored by BASF, the Early Career Innovation Award will honor 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 recipient will receive a monetary award of \$1,000 at the ESA Annual Meeting.

To be eligible, the nominee must be a current ESA member, and must be between two and ten years past his or her last biology degree (B.S., M.S. or Ph.D.) working within the field of entomology (including postdoctoral positions). The nominee may belong to any area of entomology, but must be a

practicing entomologist. Professionals working within public- or private-sector organizations are eligible.

Like all ESA awards, nomination packages must be submitted by July 1, 2008. More information, including nomination requirements, evaluation criteria, and nomination procedures can be found at <http://www.entsoc.org/awards/professional/ecia.htm>.

If you know of someone who may qualify for this award, please remember to submit your nomination package by the deadline above. Other ESA professional awards include the Distinguished Achievement Award in Extension, the Distinguished Achievement Award in Horticultural Entomology, the Distinguished Achievement Award in Teaching, the Distinguished Service Award to the Cer-

tification Program, the Recognition Award in Entomology (sponsored by Syngenta Crop Protection, Inc.) and the Recognition Award in Insect Physiology, Biochemistry, & Toxicology (sponsored by Bayer CropScience).

In addition to the ESA professional awards, nominations are being accepted for the Student Certification Award (sponsored by Springer Pest Solutions) and the Student Activity Award (sponsored by Monsanto Company).

The Entomological Foundation (<http://www.entfdn.org>), which offers its own awards and scholarships, is also accepting nominations until **July 1, 2008**. For a full list of ESA and Foundation awards and procedures, please visit http://www.entsoc.org/awards/whats_available.htm.

ICE 2008 Student Travel Grant Recipients

In the January issue of the *ESA Newsletter*, we announced the availability of travel grants to support students participating in the International Congress of Entomology, which will be held in Durban, South Africa, July 6-12, 2008. Eleven people have been selected to receive \$2,000 travel grants, and five have been chosen to receive \$3,000 for "extended" travel grants, allowing them to work with African contacts before or after the conference.

The recipients of the grants are:

\$3,000 Extended Travel Grant Winners

- Christy Jo Geraci, Smithsonian National Museum of Natural History
- Jose Adriano Giorgi, University of Georgia
- Eric Ott, University of Montana
- Sky Stephens, Northern Arizona University
- Gregory J. Wiggins, University of Tennessee

\$2,000 Travel Grant Winners

- Sophie Cardinal, Cornell University
- Clare Casteel, University of Illinois
- Gaylord A. Desurmont, Cornell University
- Monica Gaylord, Northern Arizona University
- Allison Hansen, University of California,

Riverside

- Akito Y. Kawahara, University of Maryland
- Eric Lind, University of Maryland
- Barbara J. Sharanowski, University of Kentucky
- Angela M. Smilanich, Tulane University
- Gavin J. Svenson, New York State Museum
- Elijah J. Talamas, Ohio State University

The ESA International Affairs Committee received nearly 50 applications, and a judging panel was asked to choose the winners based on their qualifications and their levels of participation at the conference. Funding for the grants was made available by the National Science Foundation.

Travelers' Information for ICE 2008 in Durban

If you will be traveling to Durban, South Africa for ICE 2008 and you have questions concerning visas, vaccinations or other topics, please visit our Travel Information Page at <http://www.entsoc.org/durban.htm>.

Note Address Change

As announced earlier this year, ESA is going to be changing vendors for membership services and certification. Effective on May 30, all ESA members and customers should cease using the addresses for Drohan Management Group (DMG). Instead, please make a note of the following addresses:

Mail: ESA HQ, 10001 Dereewood Lane, Suite 100, Lanham, MD 20706

Payments: ESA, c/o Wachovia Bank, Lockbox #758954, Baltimore, MD 21275-8954

E-mail: mem@entsoc.org, bce@entsoc.org, memupdate@entsoc.org, claims@entsoc.org, and subs@entsoc.org will all roll to the new vendor, Zignatures, Inc.

Phone: For telephone service, please continue to use the headquarters number of 301-731-4535.

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It was my great pleasure and honor to travel to each of the Branch meetings this year and represent ESA. My travels began in February at the Southwestern Branch Meeting in Ft. Worth, Texas, and concluded in April at the Pacific Branch Meeting held in Napa, California. I extend a special thanks to each of the 2007 Branch Presidents (James H. Lashomb, Eastern Branch; Richard A. Weinzierl, North Central Branch; Larry D. Godfrey, Pacific Branch; James D. Harper, Southeastern Branch; Gregory B. Cronholm, Southwestern Branch) for their warm hospitality and also offer my congratulations to each of the Branch Program and Local Arrangements Committees for putting together highly relevant and stimulating programs.

Symposium topics at each meeting were diverse and sparked many questions and discussions: *Invasive Species; Genetics and Genomics of Agronomic Pests; Exploring Plant-Mediated Outcomes in Arthropod Biological Control; Citizen Sciences in the Study of Insect Biodiversity; The Age of Chemicals to the Age of Biology: The Changing Landscape within Insect Management; The Food Quality Protection Act: The Fruit Industry View 10 Years Later; Colony Collapse Disorder; Insect Conservation Biology; Grape IPM; Current Understanding and Future Prospects of Molecular Tools in IPM Research; and Research and Considerations Regarding Biofuel Cropping Systems.*

For those who shy away from Branch meetings because they perceive them as too narrow in scope and commodity-focused, I encourage you to actively take part in your Branch meeting in 2009. My unofficial tally of participation for all 2008 Branch meetings combined is slightly more than 1,000, with the Southeastern Branch leading the way with the greatest number of ESA members in attendance.

Student participation was exceptional this year! Of those who attended the Southwestern Branch Meeting, 60% were students. At the Southeastern Branch Meeting, nine teams took part in the Linnaean games competition—with all contests held amazingly in one evening! Several of the Branch meetings had special sessions devoted to students, such as *Walking the Entomological Line: Making the Transition from Student to Professional* (North Central Branch).

While I am delighted to report on the strong student participation at our Branch meetings, a number of Branches reported lower faculty participation than in previous years. In some instances, significant contingents of faculty were noticeably absent from prominent entomology departments. Historically, these same departments had been strong Branch meeting supporters. How

concerned should we be as ESA members to see an erosion of this support? What are the key factors during the past 20 years that have led to a reduction in overall faculty participation at our Branch meetings? Are these factors primarily internal or external to ESA? Can our Branch meetings flourish or just be sustained long-term? For the past several years, our Sections have received considerable attention culminating in the successful passage of the Renewal in 2007. However, we shouldn't take the future viability of our Branches for granted. I will challenge our Governing Board to begin reflecting upon these issues this year and incorporate this dialogue into our long-range strategic planning discussions. In addition to Governing Board deliberations, I believe the Council of Entomology Department Administrators (CEDA) can be very helpful in providing insight and answers to these questions.

In February, the following questions were sent electronically to CEDA members. Following each question is an abbreviated list that captures the essence of the responses provided by departmental administrators.

What are the key challenges facing departments of entomology?

- Attracting and retaining high-quality graduate students.
- Balancing basic and applied programs within entomology departments.
- Convincing university administrators that faculty programs (research, teaching, extension) within departments of entomology are necessary, significant, and important.
- Defining what it means to be an entomology program (not necessarily a department, since many are not stand-alone any longer). The push to hire faculty working below the organismal level has had tremendous negative impacts on both entomology's traditional land grant mission and on entomological work in biodiversity.
- Projected reductions in funding at USDA will make it increasingly difficult for some faculty to stay productive.
- One-third of faculty in many departments will reach retirement age in the next eight years. Will universities have the resources or the desire to refill entomology positions?

• Loss of appreciation by university administrators of the importance of agricultural research and extension missions.

What are the key opportunities for departments of entomology?

- New research in the biofuels arena by assessing the impact of insect pests on bio-

mass production of cellulosic feedstocks. Assessing the impact of cellulosic feedstocks on beneficial insect populations.

- Funding opportunities for biodiversity research, including invasive species and impacts of climate change.
- New support for redefining or establishing economic thresholds for shifting pest complexes in response to the escalating use of transgenic crops.
- Meeting the increasing demand for information concerning the management of insect pests within the urban environment.
- Anticipated continuing opportunities for using insects to enhance our understanding of genomics and proteomics.
- Opportunities for the development of pest management plans for small-acre, high-value, locally-grown, niche-market crops.
- Increased funding opportunities to develop pest management programs that would control vectors of human diseases.

In a future issue of this newsletter, I will explore ways in which ESA and CEDA can cooperate more effectively to address these challenges as well as seize new and emerging opportunities. As you scan the challenges and opportunities that I've listed, please send me your suggested additions to these lists. I look forward to your emails.

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).

ESA Member Profile: Mustapha Debboun, Ph.D., BCE

This month's member profile focuses on Mustapha Debboun, a medical entomologist and U.S. Army Colonel who is the chief of the Medical Zoology Branch in the Department of Preventive Health Services of the Academy of Health Sciences at the Army Medical Department Center & School in Fort Sam Houston, Texas.



When did you first become interested in insects? I first became interested in insects when I was a young boy growing up in the Mediterranean, i.e. Tangier, Morocco. I enjoyed being outdoors and was always fascinated by their beauty, role in nature, power, and danger to humans. Like every other person, I had my share of being annoyed by house flies, and bitten by mosquitoes, sand flies, etc... and I always wanted to do something about it—i.e., help and contribute in keeping them away from annoying and biting us.

What made you choose entomology as a career? After earning my B.A. in biology, I wanted to continue with graduate studies to further and enhance my entomological knowledge, as evidenced with earning my M.S. and Ph.D. in medical and veterinary entomology. Then I joined the U.S. Army to contribute and be part of a magnificent team of military medical entomologists and enjoy the diverse, exciting, and rewarding Army entomology assignments in locations throughout the U.S. and the world in medical entomology research, teaching, and operational entomology.

I definitely wanted to assist in protecting the soldiers, family members, and other military personnel from the dangerous and serious arthropod-borne diseases such as malaria, dengue, leishmaniasis, Lyme disease, etc., which are caused by pathogens transmitted by mosquitoes, sand flies, ticks, and other arthropods which cause considerable morbidity and mortality.

What are you currently working on, and why is it important? My job is to ensure that the incoming preventive-medicine specialist soldiers and junior Army medical entomologists have the best training and education in medical entomology and pest management certification. This is very important because throughout the course of military history, more casualties have resulted from disease injuries than from wounds inflicted by the enemy. The bites of insects and ticks transmit many of the disease-causing germs that give our military the most trouble. Thus, my role as a medical entomologist is focused on preventing arthropod-borne diseases in soldiers, family members, and other individuals for whom the Army is responsible.

In addition, as a member of the military

preventive medicine team, I work to minimize the arthropod-borne disease threats by training and certifying military personnel to apply integrated, safe pest- and disease-vector management where it is most needed. I am also fortunate to be part of an outstanding team of military medical entomologists from the Army, Air Force, and Navy who are researching and exploring new, effective arthropod repellent compounds and leading-edge formulation technologies to develop a new military arthropod repellent that is completely acceptable to the user and maintains effectiveness under combat conditions.

How has being a member of ESA helped you? ESA has opened a lot of doors for me in terms of meeting, networking and collaborating with many other diverse national and international entomologists. As a member of ESA, I have had the opportunity to enhance my professional development by earning the certification and designation of ESA Board Certified Entomologist (BCE), participating and presenting in various symposia during the Annual Meetings, publishing in the highly respected and peer-reviewed *Journal of Medical Entomology*, accessing the ESA Membership Directory, and saving money on the discounted registration and meeting fees and on books and back issues of the ESA journals.

What ESA-related activities have you

participated in, and which did you enjoy the most? I have been on the ESA International Affairs Committee, have been military liaison and representative to the ESA Certification Board, and I have organized and moderated numerous symposia at the Annual Meetings. I enjoyed all of them, particularly organizing and moderating insect repellents symposia, which gave me the opportunity to foster productive working relationships with individuals within the ESA and other external organizations, such as universities, public health agencies, industry, and government.

What advice, if any, would you give to new ESA members? Get involved and contribute to your professional Society in any way you can, for there are plenty of ESA-related activities for you to join and participate in.

What do you do in your spare time? **What other interests do you have?** The little spare time that I have, I enjoy spending with my wife and our three children, traveling, watching movies, volunteering as a coach for my youngest son's soccer team, managing my other son's soccer team, attending my daughter's dance recitals, and volunteering at the City of Schertz Parks and Recreation Advisory Board. I definitely like playing and watching sports, the outdoors, the beach, swimming, and officiating soccer.

Why Donate to the Entomological Foundation?

Every dollar donated by you is used by the Entomological Foundation to educate and excite young people about science through insects by supporting the following not-for-profit, tax-exempt programs:

Interactive Youth Website—a self-guided educational site for grades 3 and 4. The site will contain learning activities that are designed to stimulate children's interest in insects and biology and to help users understand primary areas of entomology related to the characteristics of organisms, life cycles, and the environment. The site is due to be launched this summer.

Educational Outreach—a program which supports science education by providing entomologically-related instructional materials for free to educators. During 2007, educational materials provided by the Entomological Foundation were used to teach over 32,000 students about insects and the field of entomology.

Entomology Digital Library—a partner-

ship with North Carolina State University, Clemson University, and Iowa State University. This program provides educators and learners with one-stop electronic access to the best entomology teaching materials available for using insects in instruction.

Every gift, regardless of size, makes a difference. \$100 provides a packet of free educational materials (*Insect Appreciation Digest*, insect posters and bookmarks) to seven educators who will use them to teach approximately 200 children. \$45 provides a free film event for approximately 200 children at a science/nature center.

Become an active contributor to youth science education and promote your profession. Remember your own excitement about insects and science and pass it on to the next generation. Get involved! Be a contributor! To learn more about the Entomological Foundation, check out their website at <http://www.entfdn.org>.

ESA Members Receive Awards at Branch Meetings

Congratulations to the following ESA members, listed alphabetically below, who recently received honors and awards from their respective regional Branches.

Eastern Branch

Thomas J. Henry, a systematist with the USDA-ARS Systematic Entomology Laboratory in Washington, D.C., won the L.O. Howard Distinguished Achievement Award. Henry curates one of the world's largest Heteroptera collections, housing nearly two million specimens in nearly 2,700 drawers.

Akito Y. Kawahara, a graduate student at the University of Maryland, received the Asa Fitch Memorial Award. He is currently studying the systematics of leaf-mining Gracillariidae, and is involved in the NSF-AToL Lepidoptera Tree-of-Life project.

Michael J. Raupp, a professor of entomology at the University of Maryland, won the Distinguished Achievement Award in Extension. Raupp works closely with arborists, urban foresters, and the public to develop effective and environmentally acceptable methods of pest management.

Linda S. Rayor, a senior research associate at Cornell University, was given the Distinguished Achievement Award in Teaching. Rayor teaches spider biology, insect behavior, and naturalist outreach practicum, as well as spider courses for Cornell's Adult University.

Scott M. Salom, a professor of forest entomology at Virginia Tech, won the Award for Excellence in Integrated Pest Management. Salom focuses on native insect pests of pine forests and invasive insect and weed pests of eastern U.S. forests.

James E. Steffel, director of LAB Services in Harrisburg, PA, received the Herbert T. Streu Meritorious Service Award. Steffel has organized industry symposia at the annual Eastern Branch meetings for the past 12 years, and has raised funds to provide both scientific presentations and displays.

Jessica L. Ware, a graduate student at Rutgers University, won the Eastern Branch's John Henry Comstock Award. Her work focuses on the superfamily Libelluloidea, which comprises Macromiidae, Corduliidae and the extremely speciose family Libellulidae.

North Central Branch

Frederick P. Baxendale, a professor and extension specialist in the Department of Entomology at the University of Nebraska-Lincoln, received the Distinguished Achievement Award in Extension. His extension responsibilities include programming for turfgrass and horticultural entomology, urban pest management, 4-H and youth entomology, and forensic entomology.

Jeffrey D. Bradshaw, who recently received his Ph.D. from Iowa State University

in entomology and plant pathology, won the North Central Branch's John Henry Comstock Award for his excellence in research, teaching, and extension.

Laurence D. Charlet, a research entomologist with the USDA-ARS in Fargo, ND, received the Award of Merit for his outstanding service to ESA and the North Central Branch since 1972.

Tiffany M. Heng-Moss, an associate professor at the University of Nebraska-Lincoln, won the Distinguished Achievement Award in Teaching. Heng-Moss has developed courses, advised students, coordinated research, led outreach activities, and has secured grants.

Douglas A. Landis, a professor of entomology at Michigan State University, received the Recognition Award in Entomology. His current research projects include biological control of soybean aphid and garlic mustard, the use of native plants to enhance beneficial insects, and conservation of insects in fire-dependent ecosystems.

Richard W. Merritt, professor and chair of the Department of Entomology at Michigan State University, won the C.V. Riley Award. During his 34-year career at MSU, Merritt has developed an outstanding, internationally-known research program focusing on aquatic entomology, medical entomology, and forensic science.

James R. Miller, a distinguished professor at Michigan State University, was awarded the Award of Excellence in Integrated Pest Management. His wide-ranging research has focused on insect-plant interactions, insect chemical ecology, and malaria mosquito management.

Ann Marie Ray, a Ph.D. candidate at the University of Illinois, won the Graduate Student Scholarship Award. She is currently working on the evolution of volatile pheromone use in cerambycine longhorned beetles.

Pacific Branch

Christopher M. Barker, a Ph.D. student at the University of California, Davis, received the Pacific Branch's John Henry Comstock Award. He has developed statewide models that address regional differences in phenology and predictor responses of two mosquitoes of public-health importance, *Culex tarsalis* and the *Culex pipiens* complex.

Walter J. Bentley, Barat Bisabri, Carolyn Pickel and Frank G. Zalom, along with other members of the Almond Pest Management Alliance Team, won the Integrated Pest Management Team Award for developing and delivering IPM to the almond industry

of California.

Brian A. Federici, a distinguished professor of entomology at the University of California, Riverside, won the C.W. Woodworth Award. His research has focused on the biology of pathogens that attack insects, with emphasis on understanding their basic biology and then using this knowledge to improve their insecticidal properties, especially through the use of genetic engineering techniques.

John H. Klotz, an associate extension specialist at the University of California, Riverside, received the Recognition Award in Urban Entomology. His research focus is the behavior and control of Argentine and carpenter ants, two urban pests of worldwide economic importance.

Marc J. Klowden, a professor at the University of Idaho, won the Distinguished Achievement Award in Teaching. An early adopter of new teaching technologies, Marc was among the first anywhere to use distance learning to offer classes by closed-link video.

Jocelyn G. Millar, a professor of entomology at the University of California, Riverside, received the Award for Excellence in Integrated Pest Management. Millar's research focuses on the study of natural chemicals that mediate interactions between organisms.

Eric C. Mussen, an extension apiculturalist at the University of California, Davis, was awarded the Distinguished Achievement Award in Extension. Mussen has met the needs of the beekeeping industry by developing close relationships with apiculturists, researchers, regulatory agencies, and agricultural and apicultural organizations.

Richard A. Redak, a professor of entomology at the University of California, Riverside, received the Distinguished Achievement Award in Horticultural Entomology. Redak has worked closely with the nursery and floriculture industry for many years helping to solve insect pest management problems.

Michael K. Rust, a professor of entomology at the University of California, Riverside, received the Recognition Award in Entomology. Rust has conducted research on the biology, physiology, ecology, and behavior of urban insect pests that has resulted in novel methods of control.

Richard Stouthamer, a professor of entomology at the University of California, Riverside, won the Recognition Award in Insect Physiology, Biochemistry and Toxicology. His research on *Wolbachia*, combining high quality and originality, has resulted in a

large impact on the field of molecular biology.

Southeastern Branch

Arthur G. Appel, professor and chair of the Department of Entomology and Plant Pathology at Auburn University, was awarded the Recognition Award in Urban Entomology. Besides teaching courses in urban entomology, he also gives presentations to professional pest control operators, homeowners groups, and civic organizations.

Juan Luis Jurat-Fuentes, an assistant professor at the University of Tennessee, received the Recognition Award in Insect Physiology, Biochemistry, and Toxicology. His research focuses on the interactions between *Bacillus thuringiensis* toxins and midgut receptors, and the characterization of resistance mechanisms against these toxins.

Paris L. Lambdin, a professor of entomology at the University of Tennessee, won the Distinguished Achievement Award in Teaching. Lambdin has made significant contributions in teaching to his profession, university, department, and community through his participation in numerous teaching projects and committee assignments.

Oscar E. Liburd, an associate professor of entomology at the University of Florida, won the Award for Excellence in Integrated Pest Management. His extension program provides information to extension faculty, industry representatives, growers, crop consultants, and marketing representatives.

Ronald D. Oetting, professor emeritus in the Department of Entomology at the University of Georgia Griffin Campus, received the Distinguished Achievement Award in Horticultural Entomology. An ESA member since 1968, he has been active throughout his career, working with grower groups and speaking at grower meetings throughout the United States and internationally.

Phillip M. Roberts, an associate professor and extension entomologist at the University of Georgia, received the Distinguished Achievement Award in Extension. Roberts develops and implements comprehensive extension education programs in integrated pest management for cotton and soybean production systems.

Alani Taylor, a graduate student at the University of Georgia, received the Kirby L. Hays Memorial Award. She is currently working in an aquatic ecology laboratory at Florida International University on long-term biomonitoring projects in the Everglades.

Southwestern Branch

Robert T. Puckett, a Ph.D. student in the Department of Entomology at Texas A&M University in College Station, TX, received the Southwestern Branch's John Henry Comstock Award. Robert studies the ecology of introduced *Pseudacteon* spp. phorid flies as well as interactions between these parasitoids and their hosts (red imported fire ants).

Branch Linnaean Games Results

Now that all five ESA Branches have completed their annual meetings, we are ready to announce the results of their Linnaean Games. Each Branch will send its two top teams to the ESA Annual Meeting in Reno, Nevada this November to compete in the National Linnaean Games. The results are as follows:

Eastern Branch

Winner: Penn State University—Robert Anderson, Wilma V. Aponte-Cordero, James R. McNeil, Maya Elias Nehme, and Daniel R. Schmehl; John F. Tooker, coach.

Runner-up: University of Maryland—Lauren E. Culler, Akito Y. Kawahara, Andrew T. Sensenig, Gwen Shlichta, and Robert F. Smith; William O. Lamp, coach.

North Central Branch

Winner: University of Nebraska-Lincoln—Mathew L. Brust, Andre B. Crespo, Timothy Husen, Erica J. Lindroth, and Stephen T. Young; Kenneth P. Pruess and Robert J. Wright, coaches.

Runner-up: University of Kentucky—Sarah M. Colvin, Ray Fisher, Kacie Jo Johansen, Sarah J. Mack, Logan M. Minter, and Julie Ann Peterson; Ric Bessin, coach; Rebekah Grace Hassell, student coach.

Pacific Branch

Winner (tied): University of California, Davis—Michael G. Branstetter, Andrew Bjorn Pedersen, Dominic Reisig, and Hillary

Q. Thomas; Larry D. Godfrey, coach.

Winner (tied): University of California, Riverside—Casey D. Butler, Jennifer A. Henke, Jason Mottern, Rebecca Anne Waterworth, and Deane Kathleen Zahn; Darcy A. Reed, coach.

Southeastern Branch

Winner: North Carolina State University—Keith Bayless, Matthew A. Bertone, Ana R. Cabrera, Jake Dorskocil, and Kateryn Rochon; Hannah Joy Burrack, coach.

Runner-up: University of Florida—Kyle August Beucke, Melissa A. Doyle, Ameya D. Gondhalekar, Patricia L. Toth, and John Herbert (also coach).

Southwestern Branch

Winner: New Mexico State University—Jorge A. Achata, Bryan J. Fontes, Eric M. Knutson, and Joyce E. Parker; C. Scott Bundy, coach.

Runner-up: Texas A&M University—Aubrey M. Colvin, Shawn J. Hanrahan, Ricardo Hernandez Moreno, Bradley Hopkins, and Jonathan E. King; Marvin Harris, coach.

MEMBER NEWS

John Acorn, a lecturer at the University of Alberta, received the Michael Smith Award for Science Promotion from the Natural Sciences and Engineering Research Council of Canada. Besides lecturing, he has hosted the TV show *Acorn the Nature Nut*, written 15 books and has a regular column in *American Entomologist*.

Steven Arthurs recently started a new position as an assistant professor at the University of Florida's Mid-Florida Research & Education Center, Apopka, in April 2008. Steven will be working in the area of biological control of landscape pests (70% research, 30% extension) and is happy to hear from any interested collaborators! E-mail: spa@ufl.edu.

Ashok K. Raina, supervisory research entomologist at USDA-ARS in New Orleans, was selected by the U.S. State Department as an Embassy Science Fellow to spend six weeks in Tashkent, Uzbekistan. The appointment is in support of an ongoing collaborative project between USDA and scientists of the Zoological Institute for control of termites infesting cultural heritage sites in Uzbekistan. A recent article in *Time Magazine* entitled "Using Scientists as Diplomats" was highly supportive of such programs.

Kenneth F. Raffa, a professor at the Uni-

versity of Wisconsin-Madison's Department of Entomology, was honored by the university with a Kellett Mid-Career Award, which includes \$60,000 in unrestricted research support. Raffa investigates the population dynamics and ecology of forest insects, teaches courses in forest protection, and advises state and federal agencies.

Earle S. Raun, the owner of Pest Management Consultants, has been selected as a new member of the Nebraska Hall of Agricultural Achievement. Raun, an ESA Fellow, has been a Society member for over 50 years.

Diane E. Ullman, a professor of entomology at the University of California, Davis and associate dean for undergraduate academic programs at the College of Agricultural and Environmental Sciences, received the 2008 Chancellor's Achievement Award for Diversity and Community. Ullman helped create the Art-Science Fusion Program, which was featured in the June 2007 edition of the *ESA Newsletter*.

George E. Williams, a technical sales specialist at Univar USA, received the Bartlett W. Eldredge Award from the New England Pest Management Association. The award is the highest one given by NEPMA for distinguished service.

Reno—The Biggest Little City in the World

From exploring old mines to mining the slot machines, you'll not lack for things to see and do in Reno! The number-one tourist attraction in Reno, Nevada is gambling, with over 60 gaming locations (including both the Peppermill and Atlantis Hotels, where ESA has contracted housing during our meeting). But what *else* is there to do in the "biggest little city in the world"? How about ...

Golf

There are over 30 championship golf courses in the Reno-Lake Tahoe region. Some of the most popular courses located inside the city limits of Reno include:

- **LakeRidge Golf Course** (www.lakeridgegolf.com), 775-825-2200
- **Wolf Run Golf Club** (www.wolfrungolfclub.com), 775-851-3301
- **Arrow Creek Golf Club** (www.arrowcreek.com), 775-850-4444

Museums

Reno's attractions come in all shapes and sizes, including:

- **The National Automobile Museum** (www.automuseum.org)—This collection of over 200 vintage automobiles is a car-lover's paradise. Admission is \$9/adults, \$7/seniors, \$3/children age 6-18, and free for children five years old and under.
- **The Nevada Museum of Art** (www.nevadaart.org)—Divided into five focus areas, this museum's permanent collection consists of over 1,900 works of art organized around the themes of land and environment. This thematic format mirrors the community's growing interest in land protection. Admission is \$10/adults, \$8/students and seniors, \$1/children 6-12 years old, and free for children five years old and under.
- **The W.M. Keck Earth Science and Mineral Engineering Museum** (www.mines.unr.edu/museum)—Located on the University of Nevada campus, the museum boasts an impressive display of minerals, ores, fossils, photographs, and mining relics related to this important part of the region's history. It also is home to the spectacular Mackay Silver Collection. Admission is free.

Ghost Towns

Explore the wild West by checking out ghost towns in the surrounding area. A nice day trip for your guest(s) may be to

head southeast on Highway 341 to explore Virginia City, Gold Hill, Silver City, and Dayton to get a peek at the United States of yesteryear.

Outdoor Adventures

If you're ready for something new, consider **sandboarding** at Sand Mountain, 83 miles east of Reno. This sport combines the best of a day at the beach and a day on the slopes (www.sandboard.com). The Reno-Lake Tahoe area is also famous for **hiking**, **mountain biking**, and **skiing**. With a mid-November meeting, the trails could be mild for temperate hikes, cool for awesome bike rides, or cold with several feet of snow. For **fishing enthusiasts**, the area abounds with trout and other game fish (www.renoflyshop.com).



Check out the Fly-fishing Entomologists Network for more information (www.entsoc.org/networks/Interest/flyfish.htm). There are also numerous **caves** to explore in the region—some with deep mysteries. Get ready for some serious exploration!

Riverwalk District

For many residents, the Truckee River is the heart of the city. Reno was founded beside the first bridge to cross this picturesque waterway. In the 1990's, the city created the Raymond I. Smith Truckee River Walk, which brought new attention to the city's scenic waterway. Today this avenue is home to many fine merchants, including bookstores (Dharma Books), galleries (La Bussola or The River Gallery), boutiques (La Terre Verte or Parasols on the River Walk), and restaurants. Every third Saturday in Reno, the Riverwalk Merchants host Wine Walk. For \$20, participants receive a merchants map, an ID bracelet and a wineglass, which they can then bring to any of the participating

merchants and sample the viticultural fare. The ESA Annual Meeting opens on November 16, so if you are arriving early on Saturday 15, consider the Wine Walk as a fun way to see the city.

Bars, Nightclubs, Coffee Houses ...

You can do your own Internet search, but after talking to some locals, we found three must-see establishments that sound like places to add to your itinerary. When in Reno, be sure to check out:

- **The Chocolate Bar** (www.thechocbar.com)—That's right, you guessed it. A bar that serves lots and lots of delicious chocolate creations! Oh yes, they have a full menu too.
- **The Imperial Bar & Lounge** (www.imperialbarandlounge.com)—A local favorite. Hang out with the Reno gang!
- **The Sierra Tap House** (www.sierrataphouse.com)—Charmingly located on the Truckee River, the Tap House offers six featured microbrews directly from the Sierra Nevada Brewing Company.

Annual Meeting Symposia

Those attending the 2008 ESA Annual Meeting in Reno, NV will have a plethora of symposia from which to choose. The response of our members to the call for symposia has been very gratifying and quite exciting. At present there are six Program Symposia, 20 Section Symposia and 40 Member/Network/Other Symposia! These submissions are organized by individuals, groups, Sections, and Networks.

The subjects covered are as wide-ranging as the interests of our members. You will find topics from the sub-cellular to the ecosystem, from basic science to applied solutions. You may listen to your colleague from down the hall or from across the globe. Several sessions will honor colleagues that have made major and lifelong contributions to entomological science. You may even find yourself up in the middle of the night listening to presentations from far, distant locations!

We hope to see you in Reno in November.

SUSTAINING ASSOCIATES

ESA would like to thank its Sustaining Associates for their commitment to our Society. Each Sustaining Associate company designates an official representative who has all the rights and privileges of an individual member.

The following Sustaining Associate has recently renewed its commitment to the Society for 2008:

DuPont Crop Protection (GOLD)

Representative: Dr. Daniel Sherrod

URL: <http://www.dupont.com/ag>



Sustaining Associates are ESA's business partners—organizations who have the wisdom and vision to realize that supporting the life sciences benefits us all.

For more information on ESA's Sustaining Associates program, please visit <http://www.entsoc.org/membership/sa>, or contact Chris Stelzig, Director of Membership and Marketing, phone 301-731-4535, extension 3021, cstelzig@entsoc.org.

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. David Andrew Bell, Jr., Saint Vincent College
Mr. Ken Brash, Nordiko Quarantine Systems Pty Ltd.
Miss Caitlin E. Burkman, Case Western Reserve University
Ms. Amanda M. Catena
Mr. Dane Connolly-Nelson, University of Wisconsin-Stevens Point
Miss Amanda M. Dillon
Mr. Nathan E. Dodds, Mauget Inc.
Dr. Sunday Ekesi, International Centre of Insect Physiology and Ecology
Mrs. Nazife Eroglu, Georgia College & State University
Mr. Joseph N. Holocheck
Mr. Brian M. Hoven, SUNY College of Environmental Science and Forestry
Dr. Jamee Lee Hubbard, University of Wisconsin-Stevens Point
Mr. Jeremy D. Hummel, University of Alberta
Mr. James A. Keller
Mr. Moses Khamis, Kansas State University
Dr. Kee Fui Kon, Syngenta
Mrs. Tonya M. Kucharski, R3 Environmental Management Inc.
Mr. Vivek Kumar, University of Florida

Dr. Chun-lin Li, National Taiwan University
Mr. Joseph L. Loren
Dr. Andrew J. Mackay, Centers for Disease Control and Prevention
Mr. Bruce E. Maddy, Dow AgroSciences LLC
Ms. Syafrida Manuwoto, Bogor Agricultural University
Dr. John T. Margaritopoulos, University of Thessaly
Dr. Michael L. May, Rutgers University
Dr. Paul R. Nester, Texas AgriLife Extension Service
Mr. Nathan Nieto, University of California
Ms. Diane Paquet
Dr. Charles Donald Parker, Jr., National Cotton Council of America
Mr. Devlin W. Reynolds, Natural Forces LLC
Mr. John R. Riens, University of Nebraska at Kearney
Dr. Michele Roy, Ministère de l'Agriculture
Dr. James R. Runkle, Wright State University
Mr. Anthony L. Schuster, U.S. Army
Ms. Jennifer Lynn Snyder, University of Arizona
Miss Katherine Roberta Szulewski, Penn State University
Mr. Mike B. Teglaz, University of Nevada, Reno

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:

- Andrew N. Baird, BCE
- Ernest L. Esteve, Jr., ACE
- Talmage Ken Davis, BCE
- Robyn L. Frederick, ACE
- Michael L. Gilles, ACE
- Jody Green, BCE-Intern
- Robert Kelly Johnson, ACE
- James A. Keller, ACE
- Karl David Kibodeaux, Jr., ACE
- Gerald M. McCullough, ACE
- Gregory P. Mitchell, 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 703-234-4052.



New Journal Editors for 2008

The Society is pleased to welcome the following individuals as new editors for our journals:

James W. Austin, Associate Editor, *Annals of the ESA*
Chris Dietrich, Subject Editor, *Annals of the ESA*
Daniel A. Herms, Subject Editor, *Environmental Entomology*
Steven Juliano, Subject Editor, *Journal of Medical Entomology*
Kier Klepzig, Subject Editor, *Environmental Entomology*
Matthew D. Moran, Subject Editor, *Annals of the ESA*
Steven E. Naranjo, Subject Editor, *Environmental Entomology*
Maciej A. Pszczolkowski, Subject Editor, *Environmental Entomology*
Kenneth F. Raffa, Subject Editor, *Environmental Entomology*
G.V.P. Reddy, Subject Editor, *Annals of the ESA* and *Environmental Entomology*
Juan Rull, Associate Editor, *Environmental Entomology*
Todd E. Shelly, Subject Editor, *Annals of the ESA*
Kelley J. Tilmon, Subject Editor, *Annals of the ESA*

Awards Deadline: July 1, 2008

Remember, all nominations for ESA and Entomological Foundation awards must be submitted by July 1, 2008. Award descriptions and submission procedures are available at http://www.entsoc.org/awards/whats_available.htm.



Condolences



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

- Lee D. Miller, Gainesville, FL
- Robert F. Denno, College Park, MD



For the Datebook

Year 2008

☛ **The 2008 National Conference on Urban Entomology (NCUE)** is scheduled for May 18-21, in Tulsa, Oklahoma at the Renaissance Tulsa Hotel & Convention Center. URL: <http://ncue.tamu.edu>

☛ **The 4th Pan Pacific Conference On Pesticide Science** will be held June 1-5, 2008 at the Waikiki Beach Marriott Resort & Spa in Honolulu, Hawaii. Contact Joel R. Coats at jcoats@iastate.edu. URL: <http://acswebcontent.acs.org/meetings/panpacific2008/index.html>

☛ **The 52nd Annual Livestock Insect Worker's Conference** will be held June 15-18, 2008 at the Marriott Country Club Plaza in Kansas City, Missouri. Contact Robert G. Pennington at bob@ectodev.com or (816) 637-2015. URL: <http://www.pestmanagement.info/LIWC>

☛ **The Royal Entomological Society's National Insect Week 2008** will take place from June 23-29, 2008 in the UK. Events will be held at London's Chelsea Physic Garden. URL: <http://www.nationalinsectweek.co.uk>

☛ **"Can Biotechnology Provide New Tools for Locust Control?"** is the topic of a meeting July 1-3, 2008 in Rabat, Morocco—one week ahead of the International Congress of Entomology in Durban, South Africa. Participation is limited. For more information contact thomas.miller@ucr.edu and visit the website: <http://biopesticide.ucr.edu>

☛ **The XXIII International Congress of Entomology, Breaking the Barriers**, is slated for July 6-12, 2008, in Durban, South Africa. This event is sponsored by the Entomological Society of South Africa. URL: <http://www.ice2008.org.za>

☛ **The National Pest Management Association's 2008 Academy** will be held July 17-19, at the Phoenician Resort in Scottsdale, Arizona. Contact: npma@pestworld.org

☛ **The 6th Meeting of the European Association of Acarologists** will be held July 21-25, 2008 in Montpellier, France. URL: <http://www.montpellier.inra.fr/CBGP/Montpellier2008>

☛ **The American Phytopathological Society Annual Meeting** is slated for July 26-30, 2008, in Minneapolis, Minnesota. URL: <http://www.apsnet.org>

☛ **The 79th Rocky Mountain Conference of Entomologists** will be held July 27-31, 2008 at the Temple Hills Camp and Retreat Center in Woodland Park, Colorado. Contact Edmond Bonjour at edmond.bonjour@okstate.edu or 405-744-5099. URL: <http://entopl.okstate.edu/rmce>

☛ **The Dragonfly Society of America's Annual Meeting** will be held August 1-3, 2008 in Bend, Oregon. Contact: svalley@comcast.net. URL: <http://www.odonatacentral.org/index.php/PageAction.get/name/DSAAnnualMeeting>

☛ **The 93rd Annual Meeting of the Ecological Society of America** is slated for August 3-8, 2008, in Milwaukee, Wisconsin. URL: <http://www.esa.org>

☛ **The 41st Annual Meeting of the Society for Invertebrate Pathology and 9th International Conference on *Bacillus thuringiensis*** will be held August 3-7, 2008 at the University of Warwick, UK.

URL: <http://www.ent.iastate.edu/sip/2008>

☛ **The 2008 Association of Structural Pest Control Regulatory Officials (ASP-CRO) Annual Meeting** will be held August 24-27, 2008 at the Hotel Albuquerque in Albuquerque, New Mexico. URL: <http://www.pctonline.com/files/pdf/aspconflyer.pdf>

☛ **The 8th Meeting on Soil Insect Pests** will be held August 26-28, 2009, in Monterrey, Mexico. For more information contact rodriguez.luis@inifap.gob.mx.

☛ **The Annual Meeting of the Society for Vector Ecology** will be held September 28 through October 2, 2008 at the Hilton, Fort Collins, Colorado. URL: <http://sove.org>

☛ **The Biodiversity Information Standards (TDWG) Annual Conference** will be held October 19-25, 2008 in Fremantle (Perth), Australia. URL: <http://www.tdwg.org/conference2008/program/schedule>

☛ **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>

Year 2009

☛ **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.

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