

ESA Newsletter



Information for Members of the Entomological Society of America

JULY 2008 • VOLUME 31, NUMBER 7

Special Elections Issue: Voting in the 2009 Election Begins July 15!

On July 15, 2008, the web link for the 2008 ESA election will be sent to members who have paid their dues by July 1 and supplied an email address in their member profiles. The polls will be open for 30 days and will close at midnight, August 13.

To vote online, please visit <https://www.entsoc.org/Ballot/register.aspx>. At the log-on screen, enter your user name and password and follow the instructions.

If you have questions, problems voting or would like to request a paper ballot, please call 301-731-4535, extension 3022, or email elections@entsoc.org. Information on the candidates appears on the following pages.

ESA VICE PRESIDENT-ELECT

Dr. Ernest S. Delfosse

Education: Ernest S. Delfosse received a B.S. in biology from the University of Louisville (1971), an M.S. in entomology from South Dakota State University (1972), and a Ph.D. in entomology from the University of Florida (1975).



Employment: Delfosse is professor and chairperson of the Department of Entomology at Michigan State University. Prior to this, he was senior national program leader with USDA-ARS (1997-2008); director of the National Biological Control Institute with USDA-APHIS (1991-97); research leader with CSIRO (Australia, 1979-91); and research entomologist, Lee County Hyacinth Control District (1975-79).

Areas of Interest and Accomplishments: Delfosse's research interests include biological control and IPM. Other areas of interest include risk analysis, host-specificity, ethics,

and science-based biological control regulations. Delfosse has published over 100 scientific papers, edited seven books, and has been on the board of seven journals. He has mentored students in Australia, Africa and the USA, and teaches ecology, risk analysis, biological control and international plant protection courses. Delfosse has received over a dozen awards, including the 2007 Distinguished Scientist Award from IOBC-NRS.

Leadership Roles: Delfosse is a 30-year ESA member. His service to ESA includes Secretary, Vice-Chair and Chair of Subsection Ca (Biological Control; 1996-99), and Secretary, Vice-Chair and Chair of Section C (Ecology; 1997-2000). He was on the Program Committee in 2000, has been on the Awards Committee since 2002, has judged student posters or papers since 1997, and has been a subject editor for Biological Control of Weeds for *Environmental Entomology* since 2002. He was elected Global President of the IOBC (1992-96).

Critical Issues and Vision for ESA: "I am honored to be nominated to be your Vice President-Elect, and to be endorsed by the Plant-Insect Ecosystems Section and the North Central Branch. ESA is in a very strong position due to excellent philosophical and financial leadership. The new subject-matter-oriented Sectional structure and financial stability will facilitate moving ESA forward.

"And where should that be? My vision for ESA is that we must contribute increasingly not only to the scientific discipline of entomology, but also to broader societal issues. For example, ESA has produced a series of position papers on issues such as invasive species, IPM, transgenic crops, and biodiversity, and of course the ESA journals are world-class. These are strong measures of ESA relevancy, and we must enhance this position. Entomology must remain at the leading edge of the key scientific issues of the day, and continue to be a source of unbiased information. I encourage mem-

bers to continue to identify key issues. It is important to involve other groups in this activity, particularly non-traditional groups. This will help increase awareness of ESA to the broader community, and may increase membership.

"I am an advocate of strong Branches, and providing additional opportunities for students. We encourage students to become regular members upon graduation, but we must provide the leading-edge leadership in scientific and social issues to offer students an incentive to join. Thus, one of my goals is to work with membership to find new ways to involve student members."

Dr. Frank G. Zalom

Dr. Zalom is professor of entomology, AES entomologist and extension specialist at the University of California, Davis, where he teaches Arthropod Pest Management and conducts IPM research on fruit and vegetable crops. He received B.S. and M.S. degrees in zoology and ecology at Arizona State University, and a Ph.D. at UC Davis.

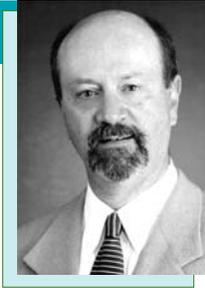


He became assistant professor at the University of Minnesota following a postdoctoral position at UC Berkeley. He returned to the University of California as Extension IPM Coordinator in 1980, at the inception of the UC Statewide IPM Program. He became the program's director, serving for over 16

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It is my pleasure to report that the transition at ESA Headquarters is going very well! At last year's summer (August, 2007) Governing Board meeting in San Diego, a blueprint of the new ESA Headquarters management model was approved. Since Robin Kriegel began serving as ESA Executive Director in January, 2008, steady progress has been made in the implementation of this model and the hiring of a new, energetic, and creative team. Robin has worked tirelessly over the past six months to build this team in Lanham, Maryland. New staff members include Neil Willoughby, Director of Finance, André Owens, Membership and Constituent Relations Program Manager, and Renee Harris, Director of Membership and Marketing.

Chris Stelzig, former ESA Director of Membership and Marketing, has created his own company, Zignatures, Inc., and ESA is fortunate to be one of Zignature's first clients. Zignatures has been contracted to process data and manage ESA databases for registrations, membership, subscriptions, and certification programs. Chris Stelzig is well-known among ESA members for his long-term, exceptional service to our organization. He was a fixture at ESA Annual Meetings and always engaged in conversations with our members. Although Chris will no longer be located at ESA Headquarters, he will nonetheless continue to provide a key service for ESA. On behalf of all ESA members, I wish Chris great success with his new business!

This month will be filled with considerable travel and exciting opportunities to interact with entomologists from around the globe at the 2008 International Congress of Entomology (ICE) in Durban, South Africa. John Trumble, from the University of California, Riverside, continues to provide leadership for the overall proposal to host the 2012 ICE in San Diego, California. While in Durban, John, Tim Paine (proposed Local Arrangements Chair), UC Riverside, and I intend to meet with the ICE Selection Committee to provide any additional information about our bid for the 2012 Congress. John and Tim deserve special thanks for their leadership in moving this proposal forward.

Several entomological societies have agreed to conduct their annual meetings in conjunction with the 2012 ICE if the San Diego proposal is successful. These professional societies include the Entomological Society of British Columbia, the Entomological Society of Alberta (Canada), the Pacific Branch and Southwestern Branch of the ESA, and the International Society of Hymenopterists. In addition, the Royal Society of Entomology in England and the Entomological Society of Canada are supportive of the San Diego bid. I believe the proposal prepared under John Trumble's leadership is very strong and that we have an excellent chance to host the 2012 ICE. I look forward to sharing in my August column a review of the Durban meeting and news about the decision regarding the 2012 ICE location.

Following my trip to Durban, it will be time to complete final preparations for the summer Governing Board meeting that will occur in Reno, Nevada from July 27-29. Considerable time will be devoted to the following agenda items: 1) development of a long-term strategic planning process, 2) the National Institutes of Health (NIH) public access policy, 3) establishment of an ESA reserve fund policy, 4) establishment of a policy regarding conflict of interest and records retention in accordance with Sarbanes Oxley provisions, and 5) ESA Fellows and Honorary Membership selections. At this year's Board meeting, we intend to spend more time on strategic discussions rather than operational matters. On July 29, both the Governing Board and the Annual Meeting Program Committee will participate in some leadership development programs and conclude the day with a joint evening reception. From July 30 to 31, the Annual Meeting Program Committee will piece the Reno Program together.

So, this is a busy month for many ESA members. In the midst of a hectic summer, please don't forget to vote. Electronic voting will begin July 15, and paper ballots are available upon request.

We have an excellent slate of candidates for many positions, and the future success of ESA depends upon the selection of volunteers who will provide outstanding leadership and service to our Society for years to come. Many of our volunteer positions require multiple years of service, such as our standing committees, the Governing Board, and the Annual Meeting Program Chair(s). Many ESA members are probably unaware that Annual Meeting Program Chair(s) serve for three years—initially as Student Competition Chair(s), then as Program Chair(s), and finally as Poster Chair(s).

I believe finding volunteers who are willing to take on these significant work loads and long-term commitments will be increasingly a tough assignment for future Presidents. Why? Unfortunately, a reality on many of our campuses today is a reluctance

of faculty members to engage in service-related activities. This includes service on departmental or college committees as well as committing to active engagement in professional societies. In many departments, rewards dollars are increasingly tracking back to faculty based upon the number of journal articles they publish and grants they secure with high volumes of indirect cost recovery (ICR) dollars. This reward system does not foster excitement to volunteer for service or public-engagement programs.

Some will argue that this trend has been evident for many years. This is true; however, the overall percentage of many university budgets coming directly from their respective states is shrinking at an increasingly alarming rate. Administrators are encouraging faculty to become more entrepreneurial (chase grants with ICRs) and to develop curricula that will attract large numbers of students (tuition dollars). These trends will have an impact on our volunteers who contribute in many important leadership roles throughout ESA. These dynamics need to be a component of future strategic planning discussions by Governing Boards for several years to come.

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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years, before retreating to the Department of Entomology in 2002. He served as the department's vice chair from 2005-08.

Zalom continues to provide leadership for IPM nationally, co-chairing the ECOP-ES-COP National IPM Committee since 1999, serving as IPM representative to the NA-SULGC Science and Technology Committee since 2003, and as the USDA Western Region IPM Competitive Grants Program Manager since 2004.

Among Zalom's honors and awards are being elected fellow of the California Academy of Sciences (1990), and receiving a Fulbright Senior Research Scholarship (1992-93), the ESA Achievement Award in Extension (1992), the ESA Recognition Award (2002), and the James H. Meyer Award from UC Davis for teaching, research, and service (2004). He served as ESA Pacific Branch President (2001) and Secretary-Treasurer (1983-89), and on numerous Branch and national committees, most recently Membership (2005-07). He has authored 260 journal articles and book chapters, and is actively engaged in international research and teaching.

Critical Issues and Vision for ESA: "Restructuring ESA Sections reflects advances in the biological sciences and corresponding changes in our discipline of entomology. My term as President would be a good time for members to assess their new Sections to determine if they are meeting expectations and to recommend corrections that might be appropriate.

"Producing high-quality journals and facilitating stimulating and well-attended meetings at both the national and Branch levels is my highest priority. I encourage meetings that foster participation by the diverse interests of the membership in a welcoming and inclusive social environment.

"Membership remains essential to the health of the Society. My recent three-year term on the Membership Committee during one of our Society's most difficult periods taught me that dedicated members, well-supported by staff of the national office, can make a difference. Additional support of this committee and the national office staff's support of sustaining membership and especially encouraging students and young professionals to become members should be a high priority. While the Society's future must receive our foremost attention, we can all benefit from preserving its rich history. I would propose to re-establish former President Gilstrap's ad hoc Archives Committee, of which I was a member, to complete an inventory of the national and Branch archives, and to work towards making these historical records more accessible. I appreciate the nomination of the Pacific Branch. My nomi-

nation has been endorsed by the Plant-Insect Ecosystems Section and by the Integrative Physiological and Molecular Insect Systems Section, and I am grateful for their support."

ESA GOVERNING BOARD

North Central Branch Representative Dr. Mark A. Boetel

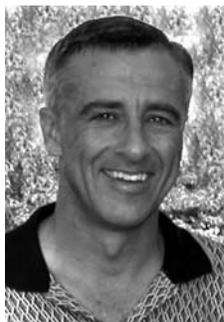
Education: Mark Boetel received his Ph.D. from South Dakota State University in 1996.

Employment: He is an associate professor of entomology at North Dakota State University (NDSU).

Areas of Interest and Accomplishments:

Mark's research and extension programs are mostly focused on integrated pest management in sugarbeet and corn systems. He is conducting research to develop alternative insect management tools such as trap cropping, cover crops, entomopathogenic fungi, native and transgenic host plant resistance, and chemical insecticides. He also works on Lygus bug management, EILs, and molecular genetics, as well as sugarbeet root maggot diapause and mosquito IPM. Mark is currently advising three graduate students. He has authorship on over 200 refereed and non-refereed publications, more than 200 professional presentations, and he has procured over \$2.6 million in grants.

Service and Leadership Roles: An active ESA member since 1987, Boetel has served ESA in the following capacities: Section F Chair, Vice-Chair, and Secretary; *Arthropod Management Tests* editorial board member and Chair; Common Names Committee member; Program Committee member; and judging panelist for several ESA and Entomological Foundation awards. He is currently serving on the Plant-Insect Ecosystems Governing Council as its Past President. His Branch leadership and service roles have included the following: NCB Executive Committee at-large member, NCB Audit Committee member and Chair, NCB Student Awards Committee (incl. 2003/2004 Chair), NCB Linnaean Games Committee member, NCB Local Arrangements Committee member, judge in several student presentation competitions, and session moderator at numerous Branch and national ESA meetings. Mark's other leadership and service roles have included chair, vice-chair, and secretary of NCCC046 (multi-state committee on rootworms and other soil insects of maize), and session leader at two American



Society of Sugarbeet Technologists conferences. He is a two-term university senator at NDSU, and has also served his university as the Agriculture College Faculty Development Committee Chair, Teaching Awards Chair, and as a representative to the campus Greenhouse Committee. Leadership within his department has included chairing the Promotion/Tenure, Greenhouse, and Seminar Committees, coaching the Linnaean Games team, and serving as student awards coordinator.

North Central Branch Representative Dr. Susan J. Weller

Education: Susan Weller received a B.A. with honors in biology from Grinnell College in 1978 and a Ph.D. in entomology from the University of Texas at Austin in 1989.

Employment: Susan is a professor and curator of Lepidoptera at the University of Minnesota, St. Paul Campus, where she joined the faculty as an assistant professor in 1995. She holds a joint appointment in the Department of Entomology and the Bell Museum of Natural History.

Areas of Interest and Accomplishments: Susan's research focuses on the systematics and taxonomy of Lepidoptera, particularly Arctiidae and other Noctuoidea. She is particularly interested in the evolution of lepidopteran biology. She teaches introductory undergraduate courses and co-teaches/contributes to graduate courses in entomology and systematics. Previously, she developed and taught Scientific Communication and Ethics.

Her educational outreach through the Bell Museum includes being co-director of a K-12 education initiative in Minneapolis and St. Paul schools (2005-present), scientific founder and coordinator of the annual Minnesota Bioblitz (2004 to present), developing and presenting insect-centered science inquiry lessons in local elementary schools (1995-present), active participation in the development of three museum exhibits (1995, 1998, 2004), and annual presentations to Master Gardener organizations on beneficial insects.

She has served on four NSF and three USDA grant review panels since 2000. She was an external search committee member for systematics positions in Sweden (2000) and Denmark (2005). Her awards include a Fulbright-Hayes Scholarship (1984), Smithsonian Fellowship Awards (1986, 1989),



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2008 ANNUAL MEETING & EXHIBITION NEWS

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

Get Ready for Reno—We're Expecting a Full House!

ESA's Annual Meeting is the premiere meeting for entomology professionals, students, and professionals from related disciplines. Complete with advanced scientific symposia covering a range of topics important to the profession, thousands of poster and paper presentations, a commercial exhibit featuring industry products and services, and countless opportunities to build new relationships and rekindle old ones, it's the one meeting you don't want to miss.

Registration and Housing Available Online

Registration through the ESA website is quick, easy, and secure. Visit <http://www.entsoc.org/am/cm/register/index.htm> to register today or to download your registration PDF. Also, remember that registration materials will not be mailed. Any important announcements, updates, or reminders concerning the Annual Meeting will be sent via e-mail. Please ensure that your e-mail address is up to date. Make your reservations to attend the Annual Meeting today.

Hotels and Casinos

ESA has negotiated reduced rates for your stay in Reno at the Atlantis Casino Resort Spa and the Peppermill Hotel and Casino. As a change from years past, the Peppermill and the Atlantis are not Passkey housing systems, so attendees will need to book directly with the hotels.

Connected to the Reno-Sparks Convention Center by skywalk, the **Atlantis Casino Resort Spa** is Reno's most decorated award-winning resort, offering high-end luxurious accommodations, award-winning dining choices, upscale lounges with nightly entertainment, a world-class health club and spa, indoor and outdoor swimming pools, and award-winning gaming. ESA attendees will have complimentary airport shuttle and complimentary guest parking. High-speed wired and wireless Internet is available at \$5.99 for two-hour access and \$9.99 for 24-hour access (subject to change). Please call 800-723-6500 to make your reservation at the Atlantis Casino Resort Spa. Be sure to mention the Entomological Society of America and the group code SENTOM8 to obtain the reduced rate. Rates at the Atlantis start at \$126 per night plus a \$3.00 per-room, per-night energy surcharge. The room tax rate is 12%.

Selected as one of the "top 10 casinos in America" by MSN with Citysearch, the **Peppermill Hotel and Casino** offers luxurious rooms and suites, a variety of award-winning dining, themed bars and lounges, world-class gaming, and complimentary entertainment nightly. ESA Annual Meeting attendees will receive complimentary access to the health club and complimentary airport shuttle service, and free shuttle service will be provided between the Peppermill Hotel and Casino and the Reno-Sparks Convention Center throughout the Annual Meeting. Daily Internet fees are \$11.95 (subject to change). Please call 866-821-9996 to make your reservation at the Peppermill Hotel and Casino. Be sure to mention the group code of CESA08 to obtain the reduced rate. Rates start at \$87 per night, plus a \$3.36 per-room, per-night resort fee and a tax rate of 12%.



Please support ESA by making your housing reservation at either of these hotels. Details on hotel features, reservation numbers, and complete rates, including suites, can be found on the website at <http://www.entsoc.org/am/cm/venue/index.htm>.

Call for Student Volunteers

A limited number of student volunteers are needed to work in different areas of the 2008 Annual Meeting. All student volunteers selected for an assignment will receive a reimbursement of their registration fee after the meeting. The deadline to sign up is September 30, 2008. To learn more about the eligibility requirements (you must be a

student member), and the current assignments available, or to access the volunteer form, visit <http://www.entsoc.org/am/Volunteer/call.aspx>. Spaces are limited, and students are encouraged to sign up as soon as possible to secure an assignment.

Submit Papers and Posters

The paper and poster submission site is open until July 9 at 11:59 p.m. eastern time. Showcase your research to thousands of your colleagues—submit your paper or poster online today. Go to <http://www.entsoc.org/am/cm/submit/index.htm> and click on your appropriate category (Posters, Student Competition Posters, Ten Minute Papers, or Student Competition Ten Minute Papers).

Hot Topic Symposia

It's not too late to submit your Hot Topic Symposia. The deadline is October 15, 2008. The format can be tailored to your vision—speakers, workshops, discussion groups, or a combination of these. In addition, a few time slots will be saved for late-breaking topics.

Riverboat Tour

We've arranged for a tour that will surely be of interest to many guests, a boat tour of Lake Tahoe. See some of the most pristine and scenic waterways in the western United States. Make your guests' experience in Reno unforgettable—sign up for the tour!

International Web Conferencing in Reno

One of the exciting developments at this year's Annual Meeting in Reno will be the expansion of symposia featuring speakers from around the world via web-conferencing technology.

Childcare is Back

Following on the heels of a very successful debut at the San Diego meeting, ESA is pleased to once again be able to offer partially-subsidized childcare for our attendees, members, and guests.

For more detailed information on all of these exciting additions, visit: <http://www.entsoc.org/am/cm/new/index.htm>.

Career Center

If you have a job vacancy or are seeking employment, bring your job announcement or resumé to the Career Center.

Make plans today to be a part of the METAMORPHOSIS. We look forward to seeing you in Reno!

Preston H. Brown, a graduate student at Virginia Tech University, was awarded a student scholarship award from at the 21st annual National Conference on Urban Entomology, where he gave a presentation titled "Changes in Diversity: A Successional Study of the Ant Species in Puerto Rican Housing Development."

Angela Douglas will be joining the Cornell University Department of Entomology (Ithaca) on August 1, 2008 as the next Daljit S. and Elaine Sarkaria Professor of Insect Physiology and Toxicology. According to Department Chair Jeffrey G. Scott, "Angela is one of the most outstanding and productive insect physiologists in the world. Her spectacular work on aphid-Buchnera symbiosis has defined the field. More generally, she is one of the most renowned scientists in the fields of symbiosis research and nutritional physiology, having made important contributions in insects (as well as other systems) and having authored standard texts on the subjects."

Richard W. Hofstetter, an assistant research professor at Northern Arizona University, will start a tenure-track assistant professorship in forest entomology in August, 2008 at the School of Forestry, Northern Arizona University.

Alvaro Romero, a Ph.D. student at the University of Kentucky, was awarded a student scholarship award from at the 21st annual National Conference on Urban Entomology, where he gave a presentation titled "Bed Bug Research: Catching up with a Forgotten Pest."

Nan-Yao Su, a professor at the University of Florida, was presented with the Distinguished Achievement Award in Urban Entomology at the 21st annual National Conference on Urban Entomology (NCUE). Dr. Su is recognized internationally as an authority on termites and is known for his innovative approach for their population management. He was selected as an ESA Fellow at last year's Annual Meeting.

Subba Reddy Palli, a professor of entomology at the University of Kentucky, received the T. P. Cooper Research Award from the UK College of Agriculture. The award was presented at the annual Gamma Sigma Delta banquet.

David Pimentel, professor emeritus of ecology and agriculture at Cornell University, was awarded an honorary doctor of science degree from his alma mater, the University of Massachusetts at Amherst. He was also cited for having written two dozen books and some 600 scientific articles and serving on such committees as the National Academy of Sciences, the President's Science Advisory Council, and the Congressional Office of Technology Assessment.

Brett C. Ratcliffe, a professor and curator in the University of Nebraska State Museum and Department of Entomology, discovered and described a new species of

rhinoceros beetle, *Megaceras briansaltini* (<http://digitalcommons.unl.edu/entomology-papers/92/>), which has been selected by the International Institute for Species Exploration at Arizona State University as one of the top 10 species described in 2007. It is the only insect so designated. Rhinoceros beetles are named for the horn-like structures on their heads and *M. briansaltini*'s is unique because it most closely resembles that of Dim, the blue rhinoceros beetle in the Disney/Pixar animated film *A Bug's Life*. "The international committee of taxon experts who made the selection of the top 10 from the thousands of species described in calendar year 2007 is helping draw attention to biodiversity, the field of taxonomy, and the importance of natural history museums and botanical gardens in a fun-filled way," said Professor Quentin Wheeler, an entomologist and director of ASU's International Institute for Species Exploration.

Matt Tarver, a graduate student at the University of Florida, won the National Conference on Urban Entomology's student paper competition for his paper "Gene Expression Profiles of *R. flavipes* in Response to Socio-environmental Conditions."

Nicola T. Gallagher, a Ph.D. student at Ohio State University, won third place in the National Conference on Urban Entomology's student paper competition for her paper "Termite Mediated Alteration of Food Items."

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.

Ms. Christina M. Alba-Lynn, Colorado State University
Miss Heather E. Andrews
Ms. Himami Bansal
Ms. Yolanda Barredo, Neirer A.B.
Ms. De Anna Estella Beasley, University of South Carolina
Mr. David Bednar, North Carolina State University
Dr. Mark S. Bulmer, Towson University
Ms. Lesly Carolina Calix, U.S. Army
Mr. Jason W. Carlson, University of Texas-Pan American
Ms. Arianne Cease, Arizona State University
Mr. Clayton W. Dorsay, University of Prince Edward Island
Mr. Curtis E. Engle
Dr. David Erickson, Brigham Young University
Mr. Frank A. Fogarty, III

Mr. Russell Friedrich, University of Toledo
Mr. Tino Gonsalves
Dr. Monika Gulia, University of Georgia
Dr. Andrew J. Hamilton, University of Melbourne
Dr. Keri Henderson, Pioneer Hi-Bred
Ms. Terri L. Hoctor
Ms. Alicia Marie Hodson
Mr. Spencer J. Ingley, University of Florida
Mr. Christopher Alan Lansaw
Dr. John S. LaPolla, Towson University
Mr. George F. Livingston
Mr. Jason L. Locklin, Baylor University
Ms. Megan S. Magee, University of Florida
Dr. Christine W. Miller, University of Florida
Ms. Onour E. Moeri, Pherotech International Inc.
Dr. Rangaswamy N. Muniappan, Virginia Tech
Miss Christina M. North

Dr. James R. Ott, Texas State University
Ms. Megan E. Petrie
Kurt M. Pickett, University of Vermont
Mrs. Marisol Andrea Quintanilla, Michigan State University
Dr. Zakee Louis Sabree, University of Arizona
Ms. Andrea M. Schomann, University of Copenhagen
Mrs. Sarah Rose Self, Mississippi State University
Miss Genevieve M. Tauxe
Ms. Alana Nicole Taylor, York University
Mr. Andrew Seth Taylor, University of Florida
Mr. Rodrigo A. Velarde Montecinos, Wake Forest University
Mr. Giovanni Zegarelli, Pestermite Exterminating, Inc.
Ms. Kristi Nichole Zurawski, Purdue University

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finalist for Morse Alumni Undergraduate Teaching Award (2002), University of Minnesota Merit Award (2005), and recipient of the University of Minnesota Community Engagement Award (2007) to support the MN Bioblitz program.

Leadership Roles: She has organized or co-organized eight ESA symposia and three workshops, including one on education for the North Central Branch meeting in Minneapolis. At the national level, Susan served as Chair of Section A (2002) and organized the Entomological Collections Network meeting in 2003. She served a three-year rotation on the ESA Program Committee (2004-06), first as Student Competition Co-Chair in 2004, Program Co-Chair for the ESA National meeting in Fort Lauderdale (2005, the Hurricane Wilma meeting) and Poster Co-Chair in 2006. She has served as president of the International Lepidopterists' Society (2003-04), chair of the ILS Awards Committee (2003-07), and as member of their Education Committee (2004 to present).

Integrative Physiological and Molecular Insect Systems Section Representative Dr. Melody A. Keena

Dr. Melody Keena has been a research entomologist since 1992. She serves as the leader for the laboratory in Connecticut where she works. Her research focuses on developing the knowledge and tools needed for exclusion, eradication or control of non-native invasive forest pests such as the emerald ash borer, Asian longhorned beetle, hemlock woolly adelgid, and Asian gypsy moth. To accomplish this, her work includes studies on basic biology, behavior, inheritance of important traits, effectiveness of available biorational pesticides and developing rearing methods and artificial diets to expand research on these pests.

Previous to her current position, she completed three degrees in entomology at the University of California, Davis, where her research was on pesticide resistance management in spider mites on almonds, and a postdoctorate at the University of Connecticut working on gypsy moths.

Dr. Keena has been an active member of the ESA and Section B for 25 years, presenting invited or offered presentations at 21 national meetings, and organizing three symposia during that time. She has been active in the Eastern Branch, where she has



served on and chaired several branch committees. She has and continues to serve on several national committees. She served for four years on the Membership Committee, chairing the last two years, during the time that the committee recommended the family and student transition discounts be created. She has also served on the Strategic Planning, Technology, and Systematic Resources Committees, and has just finished six years (two consecutive terms) on the Finance Committee. She was the last Chair of the old Section B and is the Past President of the Integrative Physiological and Molecular Insect Systems Section this year.

Systematics, Evolution, and Biodiversity Section Representative Dr. John M. Heraty

Education: Dr. John Heraty earned his B.S. in biology (1976) and M.S. in entomology (1984) at the University of Guelph, and his Ph.D. in entomology from Texas A&M University (1990).

Employment: Heraty worked for 10 years as a research technician in biocontrol at the University of Guelph. He conducted postgraduate work at Carleton University, the Canadian National Insect Collection, and the Smithsonian Institution and Systematic Entomology Laboratory in Washington, D.C. He is currently a professor in the Department of Entomology at the University of California, Riverside.

Areas of Interest and Accomplishments: Heraty's research involves morphological and molecular systematics of Hymenoptera and chalcidoid wasps, with emphasis on Aphelinidae and the ant-parasitic Eucharitidae. Since coming to Riverside in 1995, he has supervised four M.S. and seven Ph.D. students in the systematics or behavior of various Chalcidoidea, Cynipoidea and Gracillariidae.

Leadership Roles: Heraty has been a member of ESA since 1979. He won the ESA President's Prize for the Section A student paper in 1989 and the Southwestern Branch's Comstock Award in 1990. He served Section A as Secretary, Vice Chair, and Chair (2001-03), and for various years as a judge for the Student Competition for the President's Prize. He has served on the *American Entomologist* editorial board since 2003. In addition, he served on the Entomological Collections Network Steering Committee in 1997 (Nashville) and 2001 (San Diego). Heraty also belongs to the International Society of Hymenopterists, the



Entomological Society of Washington, the Hennig Society, and the Society of Systematic Biologists.

ESA CERTIFICATION BOARD

Director-Elect Jerome J. Hatch, BCE

Jerry has been in the pest control industry for over 25 years, working as a preventive medicine technician in the U.S. Navy, a commercial route technician, a service manager for the Detroit, Michigan region for a major pest control company, the technical director for a major pest control and lawn service company in Michigan, and as the technical representative for a chemical manufacturer in the Midwest. He is currently the technical specialist for Pest-West USA.

Jerry has served in various capacities and on several committees, including helping to develop the IPM program for the state of Michigan, and serving as a board member of the Michigan Animal Damage Control Association, a member of the Scientific Committee for the Michigan Mosquito Association, a member of the Educational Committee for the Michigan Pest Management Association, and as the consulting entomologist for several hospitals and school systems.

He has performed presentations for numerous pest control associations, environmental health associations, service companies, public health departments and hospitality industry meetings. He was guest lecturer at Eastern Michigan University for the hospitality degree program, and he has written numerous articles for trade associations and local newspapers. He is certified as an environmental health specialist, an EMT, a firefighter, and in HAZMAT operations.

Director-Elect Janis J. Reed, BCE

Janis Reed is the training and technical director at ABC Services in Austin, Texas, where she has been since 2000. In this role, she coordinates all training, product selection, and technical services at the largest



independently owned pest management company in Texas. She also serves as a technical resource for technical staff, sales staff, and the customer base. She is a certified applicator with the Texas Department of Agriculture and is licensed in pest control, lawn and ornamental control, termite control, and weed control. She is active in the Texas Pest Control Association, where she served as the local chapter president and also served as a director for the Texas Pest Control Association for two years. In 2008, she was given the opportunity to speak at the Annual Pest Control Conference at Texas A&M University.

Prior to her current position, she attended Texas A&M University, where she earned a B.S. in bioenvironmental science and entomology in 1998, and an M.S. in entomology in 2000. Her thesis, "Foraging and Food Preferences of *Tetramorium bicarinatum*," was conducted under Dr. Roger Gold. She has been a member of ESA since 1997, and a Board Certified Entomologist in urban/structural entomology since 2007.

Janis has been happily married to Thomas Reed since 2000. They have one daughter and make their home in Austin, Texas with their mutt dog Petey.

North Central Branch Representative Dr. Eileen M. Cullen, BCE

Education: Eileen Cullen received her B.S. in agriculture education from the University of Minnesota in 1993, her M.S. in plant protection and pest management from the University of California, Davis in 1999, and her Ph.D. in entomology from the University of California, Davis in 2003.

Employment: Dr. Cullen joined the University of Wisconsin faculty in 2003 where she is an assistant professor in the Department of Entomology (research 30%, extension 70%). From 1993-1996, Cullen was an agriculture education specialist with the Bio-Integral Resource Center on a W.K. Kellogg Foundation Integrated Farming Systems project in Winters, CA. In 1996, she was a researcher with the University of California Statewide IPM Project in Davis, CA.

Areas of Interest and Accomplishments: Cullen provides statewide leadership in developing and implementing IPM programs for insects and mites affecting field corn, processing sweet corn, soybeans, small grains, alfalfa and other forage crops. Broadly, her research concentrates on de-



velopment and refinement of IPM programs utilizing biological, cultural, chemical and host plant resistance methods as appropriate in both conventional and organic production systems.

The objective of her extension program is to provide information on effective, up-to-date, and sustainable IPM practices. Recent accomplishments include recognition for contributions to three collaborative projects with ESA North Central Branch colleagues: Entomology Educational Project Awards from the Board Certified Entomologists of Mid America for the 2004 Soybean Aphid Distance Education Workshop (2005) and for the Consensus Recommendation for Soybean Aphid Control (2005), and an award from the American Distance Education Consortium for Outstanding Educational Program for multi-state Soybean Aphid Management Workshop (2004). Eileen also was part of a collaboration awarded a Certificate of Excellence for Outstanding Extension/Regulatory Poster Display at the Annual Meeting of the ESA (2003).

Since coming to UW Madison in 2003, Dr. Cullen has generated \$696,551 in competitive federal and state research support, and \$150,000 in farmer funded check-off and federal extension grant programs. Cullen has authored/co-authored 17 peer-reviewed research publications, 6 peer-reviewed extension publications, as well as numerous trade journal and newsletter articles and conference proceeding papers.

Leadership Roles: Dr. Cullen has served on the NCB Membership Committee (2003-06). She currently is a member of the IPM PIPE National Steering Committee (2007-present) for the Pest Information Platform for Extension & Education. She also is the IPM PIPE Regional Coordinator (2007-present) for the Soybean Aphid IPM PIPE. Cullen is associate editor, IPM of insects and mites, for the *Journal of Insect Science*, and editor of the *Wisconsin Crop Manager Newsletter*.

North Central Branch Representative Dr. Daniel J. Moellenbeck, BCE

Education: Daniel Moellenbeck received a B.S. in biometry from Iowa State University in 1986, and a Ph.D. in entomology with a minor in experimental statistics from Louisiana State University in 1992.

Employment: Moellenbeck is the President of DM Crop Research Group, Inc. in Granger, IA. He founded the company in 2002 after work-



ing eight years in the seed industry. He also serves as an adjunct faculty member of the Department of Entomology at the University of Nebraska

Areas of Interest and Accomplishments:

In his current position, Moellenbeck provides research services to the agricultural biotechnology and seed industries. His research focuses on the discovery, development, and commercialization of transgenic crops. His research programs include efficacy testing, evaluation of resistance management strategies, insect population monitoring, and evaluations of insect-resistant crops on target and non-target organisms. He also provides consultation services to develop and implement best practices for the management of regulated plant material in research and development programs.

Prior to founding DM Crop Research Group, Inc., Moellenbeck coordinated an industry leading research program to evaluate materials for activity against insect pests and to integrate those traits into commercial crops. He was involved in the commercialization of corn hybrids with resistance to Coleopteran and Lepidopteran insect pests. His program also provided research support for the development of regulatory packages for insect- and herbicide-resistant products.

Leadership Roles: Moellenbeck has been a member of ESA since 1989 and a Board Certified Entomologist since 1998. He served as Secretary-Treasurer of the Board Certified Entomologists of Mid America from 2006-07, and has served on the BCE Professional Maintenance and Certification Review Committee as an auditor since 2005. Moellenbeck was formerly a representative on the Agricultural Biotechnology Stewardship Committee (ABSTC) and served as chair of the ABSTC Insect Resistance Management Sub-committee. He is currently a member of the Board of Education for Assumption School in Granger, IA.

ESA PUBLICATIONS COUNCIL

Systematics, Evolution, and Biodiversity Section Representative Dr. John D. Oswald

Education: John received his B.S. in forest management (1982) and M.S. in entomology (1985) from Oregon State University, and a Ph.D. in systematic entomology from Cornell University (1991).

Employment: John is an associate professor in the Department of Entomology, Texas A&M University, and Curator of the Texas



A&M University Insect Collection. Before accepting his current position in 1995, he held postdoctoral positions at the National Museum of Natural History, Smithsonian Institution.

Areas of Interest and Accomplishments: John's research interests include the systematics of the Neuropterida, particularly the Hemerobiidae and Myrmeleontoidea, and organismal bioinformatics, particularly the organization and digital delivery of taxonomic, nomenclatural, and collection-based entomological data.

His recent research has centered on descriptive and revisionary studies of a variety of neuropteran taxa and the development of comprehensive, web-based resources that serve the global systematic neuropterology community.

John teaches undergraduate and graduate courses in insect biodiversity and biology, insect evolution, and field entomology.

Leadership Roles: John is a long-time member of ESA, and he has presented submitted and invited papers at various meetings. He has served as a member and Chair of the *Annals of the ESA* editorial board, the Systematics Resources Committee, and the ESA Publications Council. He is currently president of the International Association for Neuropterology. E-mail: j-oswald@tamu.edu.

SECTION VICE PRESIDENTS-ELECT

Integrative Physiological and Molecular Insect Systems Dr. Richard O. Musser

Dr. Richard O. Musser is currently an associate professor at Western Illinois University (2003 to present). He completed a Ph.D. in insect physiology from the University of Arkansas in 2002 under Dr. Gary W. Felton and was a postdoctoral fellow at the University of Arizona (2001-03).



Dr. Musser has been an active member in the ESA for the last 10 years, and has developed two well-received symposia, one at the 2003 Annual Meeting and one at the Southeastern Branch's meeting. In addition, he has moderated and judged a number of ESA student symposia.

Dr. Musser also has been a member of the Education and Youth Committee for the last several years and is the current Chair of this committee. Dr. Musser has received several awards from ESA and the Entomological Foundation, such as the President's Prize (twice); the Henry and Sylvia Rich-

ardson Research Grant; the Lillian and Alex Feir Graduate Student Travel Award in Insect Physiology, Biochemistry, or Molecular Biology; and the Kenneth and Barbara Starks Plant Resistance to Insects Graduate Student Research Award. He has also served on the Awards Committee.

Dr. Musser has published numerous manuscripts, including a first authored manuscript in the journal *Nature* (2002). In a relatively short span of time, he has overseen the completion of theses by six master's students, and three honors students with theses.

Integrative Physiological and Molecular Insect Systems Dr. Jeffrey G. Scott

Dr. Scott received a B.S. with honors in biochemistry from Michigan State University in 1979, an M.S. in entomology from Michigan State University in 1981, and a Ph.D. in entomology from the University of California, Riverside in 1985.

He spent one year as a postdoctoral research associate at the University of California, Berkeley and joined the faculty at Cornell in 1986. He has served as director of graduate studies for the field of entomology, was appointed the Daljit S. and Elaine Sarkaria Professor of Insect Physiology and Toxicology from 2002-07 and is currently chair of the Entomology Department at Cornell (Ithaca).

His research has resulted in more than 140 peer-reviewed publications and focuses on the evolution and population genetics of insecticide resistance, insecticide toxicology, the P450 monooxygenases of insects, and the evolution of sex determination in *Musca domestica*. He teaches two courses: Insecticide Toxicology; and Pesticides, the Environment and Human Health. He has organized several symposia, serves on the editorial boards of two journals and recently served as the panel manager for NRI-CSREES (USDA) Suborganismal Biology and Functional Genomics. He has been an active member of the ESA since 1981 and would be honored to serve as Vice President-Elect of the Integrative Physiological and Molecular Insect Systems Section.

Integrative Physiological and Molecular Insect Systems Dr. S. Bradleigh Vinson

Education: Dr. S. Bradleigh Vinson received his B.S. in entomology from The Ohio State University (1961), his M.S.

(1963), and his Ph.D. in entomology from Mississippi State University (1965).

Employment: Brad is a professor of entomology at Texas A&M University, coming from an associate professor position at Mississippi State University in 1969.

Areas of Interest and Accomplishments: Brad's major area of research encompasses physiology-behavior of Hymenoptera. He has taught undergraduate insect toxicology, physiology, morphology, and behavior. He has mentored 72 graduate students, and he has 540 refereed publications, 80 book chapters, and five edited books. He has received many research awards, including the Filippo Silvestri Foundation Award (University of Naples, Italy, 1986), Most Highly Cited Researcher by ISI (2002), and the Integrated Pest Management Team Award from the Entomological Foundation and Dow AgroSciences (2003).

Leadership Roles: Brad is an active member of ESA (40 years) who has served as Section B Chair (1979), Publications Council Representative (Chair, 1990), Program Committee Chair (1973), and co-organizer of the Centennial Symposium (1989), and he has served on the board of the Entomological Foundation since 2005. He was a member of the Centennial ESA Activities Steering Committee (1987-89), an ESA Committee member evaluating publication structure (1979-81), and he has served as a paper and poster competition judge. He has organized three international meetings and 14 symposia. He is deeply honored to be nominated for Vice President-Elect of the Integrative Physiological Molecular Insect Systems Section and would like to see the Section grow and provide more opportunities to develop networks, exchange and discuss new ideas, and develop collaborations. He is a strong supporter of the Entomological Foundation and believes the Section could work with them in educating and exciting our youth about the molecular approaches to understanding the physiology and behavior of insects, and that this would help to bring more young people into the Section.

Plant-Insect Ecosystems Dr. B. Rogers Leonard

Education: Dr. B. Rogers Leonard received a B.S. (1984) in agronomy from Louisiana State University, and his M.S. (1987) and Ph.D. (1990) in entomology also from Louisiana State University.

Employment: Leonard is a professor with



the Louisiana State University Agricultural Center and currently maintains a 100% research appointment. His responsibilities are split between the Northeast Research Station (80%) and the Department of Entomology (20%).



Areas of Interest and Accomplishments: Leonard's research efforts focus on the development and implementation of IPM strategies in southern row crops. During his career, he has authored or co-authored over 680 scientific and technical publications. He promotes a team-oriented approach to solving research problems and has been successful in generating more than \$5.4 million dollars from public agencies, crop commodity boards, and associated agricultural industries to support those efforts. The results of his work have been shared in over 400 presentations. Leonard is active in graduate student education and has currently served on 52 advisory committees.

Leadership Roles: Leonard has been active in the ESA for over 20 years. As a member of the Southeastern Branch, he has served on numerous committees including the Executive (member-at large, 2007-09), Local Arrangements (2003), Member Awards (2006-08, Chair 2008), Student Awards (1999-2001, Chair 2000), Program (1991-94, Co-Chair 1994), and Student Affairs (1988-89). At national and SEB conferences, he has served as a symposium organizer, moderator, and a judge for annual student awards. Other leadership roles have included serving as chair of the National Cotton Pest Management Working Group and the Louisiana Plant Protection Association.

Interest in Serving: "The ESA is an organization that is rich in tradition and heritage. Much of the success of our Society has been through the diversity of its membership. In order to improve services and maintain membership levels, our previous leadership was forced to address several critical issues that threatened the future of this organization. Numerous changes in Bylaws, policies, procedures, and the overall organizational structure were implemented as solutions to these problems. I am confident that if our leadership continues to adapt to the interests of our entire membership, then ESA will remain a broad-based and collaborative society of scientists. This process is not short-term, but must be re-evaluated and modified according to present and future challenges. As the ESA continues to evolve and address the dynamic needs of our members, I offer my services to the members of the Plant-Insect Ecosystems Section."

Plant-Insect Ecosystems Dr. Daniel M. Pavuk

Daniel M. Pavuk received his B.S. degree in biology from Bowling Green State University in 1980, an M.S. degree in entomology from The Ohio State University in 1983, and a Ph.D. in entomology from The Ohio State University in 1990.



He did a postdoctoral position in the Department of Zoology at Miami University of Ohio following his doctoral work.

He was an instructor in the Department of Biological Sciences at Bowling Green State University from 1994-96, and has been a lecturer since 1996 in that department. He routinely teaches general entomology and a number of other biology courses from the introductory through graduate levels.

His research program focuses on insect ecology, especially conservation of natural enemies in agroecosystems, insect community structure, insect biodiversity, and the ecology of forest insects in fragmented landscapes. He has strong interests in predator-prey interactions, the biology of parasitoids, and influences of landscape-level factors on insect diversity and insect-plant interactions.

Dan has been a member of ESA since 1981, and he has been Chair of former Subsection Cd (Ecology and Behavior) twice. He has also served as Section C Editorial Board Representative to *American Entomologist* and has for many years been a moderator and judge in the student paper competitions at the Annual Meeting. Dan has a strong desire to continue his involvement in ESA.

Plant-Insect Ecosystems Dr. David K. Weaver

Education: David Weaver received his B.S. in chemistry (1984) from Dalhousie University. Following summer undergraduate employment in IPM, he began graduate study in entomology at McGill University, receiving the E. Melville DuPorte Award in Entomology (1986), and a Natural Sciences and Engineering Research Council of Canada Postgraduate Research Scholarship (1987). He received his Ph.D. (1990), elucidating aspects of chemical communication among larval tenebrionids.



Employment: From 1990-92, he researched natural product insecticides as a postdoctoral associate at Montana State University. From 1992-97, Weaver was a USDA-ARS entomologist in Savannah, GA and Gainesville, FL. In 1997, he returned to Montana State University where he is currently associate professor of entomology.

Areas of Interest and Accomplishments: Weaver is trained in chemical ecology and behavior and applies principles of these to integrated management of crop insects. He has authored or co-authored 75 refereed journal articles, 40 non-refereed publications, has presented or co-presented 260 scientific or outreach presentations, and has been lead or co-investigator on grants totaling more than \$5.8 million. Weaver has advised or co-advised 11 M.S. or Ph.D. students. He teaches insect physiology and integrated pest management.

Leadership Roles: He has been a member of ESA since 1992, and has participated in and organized symposia at Annual Meetings, and has judged student competitions. He has been editor or subject editor for the *Journal of Agricultural and Urban Entomology* since 1998, and has co-organized international symposia on graminivorous sawflies. He has served on the planning committee for the National Stored-Products Training Conferences and on a USDA-ARS OSQR panel.

Structural, Veterinary, and Public Health Systems Dr. Deborah C. Jaworski

Dr. Deborah C. Jaworski received her B.S. in entomology (1980) from The Ohio State University, her M.S. in entomology (1982) from Oklahoma State University, and her Ph.D. in entomology (1991) from The Ohio State University.



Jaworski is an assistant professor of entomology at Oklahoma State University. Prior to this, she held various positions at the University of California, Irvine, including assistant research professor and postdoctoral researcher.

Jaworski's research encompasses the dynamics of tick-host interactions at the physiological and molecular level. She has many peer-reviewed publications in this research area. The long-term goal of her research is to develop novel methods for controlling ticks by targeting tick feeding strategies. Jaworski is currently developing an *in vivo* model for tick feeding and *Ehrlichia* transmission using white tail deer. In addition, Jaworski is in-

terested in the comparative aspects of blood feeding arthropods and has begun to study *Cimex* feeding at the molecular level. She teaches insect physiology for undergraduates and graduate students. She has two master's degree students and one postdoctoral fellow that she advises.

Jaworski first joined ESA, Section D, as a student in 1984. She was the recipient of a Section D President's Prize in 1989. Jaworski likes the new changes to the ESA Sections because she is able to belong to both Structural, Veterinary and Public Health Systems and Integrative Physiological Molecular Insect Systems. She is the co-organizer of a Reno Section symposium—"Tick Genomics and Beyond—New advances in tick-borne disease systems." Jaworski is deeply concerned about the classical entomology education and training for medical/veterinary entomologists. She believes that the Structural, Veterinary and Public Health Systems Section of ESA plays and should continue to play a role in supporting this type of training for medical-veterinary entomologists.

Structural, Veterinary, and Public Health Systems Dr. Douglas E. Norris

Education: Douglas Norris received his B.S. (biology) and M.S. (entomology) from North Carolina State University, Ph.D. (microbiology) from Colorado State University, and completed his postdoctoral work at the University of Texas Medical Branch in Galveston.

Employment: He is an assistant professor at Johns Hopkins Bloomberg School of Public Health, where he joined the faculty in 1999. His appointment involves maintaining an active research program and significant teaching responsibilities. Norris serves as primary instructor or co-instructor for five courses, including Vector Biology, Disease Ecology, and Molecular Entomology.

Areas of Interest and Accomplishments: Norris's research program is based on the genetics, biology, and ecology of arthropod vectors and the pathogens they transmit. He has conducted investigations on anopheline mosquitoes and malaria in Mali and Zambia, culicine mosquitoes in both North America and Africa, and ticks and tick-borne pathogens including *Borrelia* and *Rickettsia*. His current research program is focused on *Anopheles arabiensis* in Zambia and tick-borne pathogens in Maryland. Norris has mentored nine Ph.D. and master's students, served on over 20 graduate student commit-



tees, and has extensive experience conducting field and laboratory research overseas. He has authored or co-authored 48 peer-reviewed publications, two book chapters, and has made more than 50 professional presentations.

Leadership Roles: Norris has been a member of ESA since 1991 and has served as a subject editor for *Journal of Medical Entomology* since 2003. He has served on the executive board and as president-elect and president of the Acarological Society of America (ASA). He has also served as a councilor of the executive committee and as secretary-treasurer of the American Committee on Medical Entomology (ACME). Norris has organized, chaired and co-chaired scientific sessions and judged presentations and papers for the ESA, ASA, and the American Society of Tropical Medicine and Hygiene (ASTMH). He also serves on several standing committees at the school and university level, as reviewer for more than 15 journals, as an ad-hoc proposal referee for several international agencies, and as training faculty for several programs and international workshops. His other professional memberships include ASA, ASTMH, ACME, Society for Vector Ecology (SOVE), the American Society for Microbiology (ASM) and the American Mosquito Control Association (AMCA).

Systematics, Evolution, and Biodiversity Dr. Andrew V. Z. Brower

Andrew Brower earned his Ph.D. from Cornell University (1994). He is currently an associate professor in the Biology Department at Middle Tennessee State University. He is also a research associate of the American Museum of Natural History's Department of Invertebrates and the Smithsonian Institution's Entomology Department, where he performed postdoctoral fellowships (1993-97). From 1997 to 2006, he held an endowed chair in systematic entomology at Oregon State University, where he was denied tenure after the closure of their Entomology Department.

Andy has been the recipient of more than \$900,000 from the National Science Foundation in support of his research on molecular systematics of nymphalid butterflies, and has authored or coauthored more than 40 papers on phylogenetic relationships of nymphalids and other insects, as well as a variety of topics in methods and principles of systematics. He is currently working with R. T. Schuh on a revision of *Biologi-*



cal Systematics: Principles and Applications (Cornell University Press). He has also contributed over 1,500 web pages on butterfly relationships to the Tree of Life project (www.tolweb.org).

Andy is a Fellow of the Royal Entomological Society and the Willi Hennig Society, and has served as President of the Oregon Entomological Society (1998-2002). He has been a member of the ESA since 1992, and has served the Society as Ethics Committee Chair and Vice Chair (2003-05), and as a Section A student competition judge in 2000, 2002 and 2005.

Systematics, Evolution, and Biodiversity Dr. Jason R. Cryan

A member of ESA for more than ten years, Jason Cryan has served as the Section A Representative on the Book and Media Reviews Committee (2002-07), as a Section A Representative on the Systematics Resources Committee, as a student competition judge and/or moderator during numerous Annual Meetings, and as a manuscript reviewer for *Annals of the Entomological Society of America*.

His introduction to entomology was his inventory of montane Carabidae in northern Vermont with Dr. Ross Bell, conducted while Jason was an undergraduate student at the University of Vermont. Jason completed a master's degree (1995) with Dr. Lewis Deitz and a Ph.D. (1999) with Dr. Brian Wiegmann, at North Carolina State University. His graduate research focused on morphological and molecular systematic investigations of the treehopper family Membracidae. Following graduation, he spent two years as a postdoctoral researcher at Brigham Young University, working on a phylogenetic study of Hawaiian Platynini (Carabidae) in collaboration with BYU's Dr. Michael Whiting and Cornell University's Dr. James Liebherr.

Jason has been a research scientist at the New York State Museum since 2001, where he directs systematic research projects on groups within Auchenorrhyncha. Specifically, his current research projects focus on the spittlebug superfamily Cercopoidea, the planthopper families Fulgoridae, Delphacidae, and Dictyopharidae, and the treehopper family Membracidae. Jason has been awarded several NSF research grants for his work, and fieldwork for these projects has taken him and his students and colleagues to various countries in Central and South America, Africa, and Asia.



EMPLOYMENT OPPORTUNITIES

MEDICAL ENTOMOLOGIST: This position provides support to S.C. Johnson & Son, Inc. Insect Control business through the research and development of novel consumer products that target flying insects (e.g., mosquitoes, flies). The incumbent will support product development efforts, serve as liaison to outside research organizations/institutions, and provide leadership in the search and application of new insect control technologies. **Principle Responsibilities:** Apply project management and technical skills in Entomology to support SCJ's global insect control business. Propose and apply alternatives which offer environmentally superior solutions. Lead global project teams. Manage complex interdisciplinary projects for new technology or product development. Provide maintenance and development support for multiple products and technologies. Participate in and provide technical counsel to cross-functional business teams, management, and subsidiaries. Identify need for project teams and recommend formation. Utilize technical network inside and outside of SCJ to identify suitable technologies. Ensure IP and regulatory strength of technical solutions. **Specific Requirements:** Ph.D. in Entomology/Medical Entomology. 10+ years of experience in a research and development environment with emphasis on public health insect pests (mosquitoes preferred). Demonstrated skills in project management, and in handling multiple projects with varying urgencies and priorities. Familiarity with regulated

products. Demonstrated ability to thrive in cross-functional teams. Strong track record of applied research and development. Strong verbal and written communication skills. Occasional local and overseas travel will be required.

POST-DOC RES. ASSOC.: A postdoc. pos. avail. to eval. the distribution and movement of insects and implement reduced-risk pest mgmt. progs. within a whole-farm context in blueberries starting Jan. 2009. Exper. with GIS, IPM, and insect behav. desirable. The candidate must obtain a valid NJ drivers license. Pos. located at Rutgers Univ. Agric. Res. and Ext. Ctr., Chatsworth, NJ (<http://pemaruccicenter.rutgers.edu/>). The pos. is avail. for at least 2 yrs, subject to annual review. Send applic. ltr., CV, and names of 3 refs. by 31 Aug. to: Dr. Cesar Rodriguez-Saona, PE Marucci Ctr. for Blueberry and Cranberry Res. and Ext., Rutgers Univ., 125A Lake Oswego Rd., Chatsworth, NJ 08019, crodriguez@aesop.rutgers.edu, fax 609-726-1593, ph. 609-726-1590 Ex. 4412. Rutgers Univ. is an EOE/AA.

FIELD RESEARCH SPECIALIST – ENTOMOLOGY: Dow AgroSciences is seeking an entomologist to be a part of our interdisciplinary TAFS Field Station Research and Development Team in Taiwan. Candidate will conduct laboratory, greenhouse, and field research toward the characterization, development, and support of novel and established insecticide and other crop protection products. Position requires planning, design, application, data collection, analysis, and interpretation of data. Candidate will write reports and have the opportunity to present data to biology project leaders. Position requires Ph.D. or M.S. degree in entomology with past field research experience including experimental design and statistical analysis. Candidate must have excellent written verbal skills and be fluent in speak-

ing, writing, and reading English as well as proficiency with MS Excel, MS Word, and MS PowerPoint. Ability to work as part of a multidisciplinary research team to meet both individual and team goals is critical for success. Position requires flexibility to travel in Taiwan and other countries as needed. Prefer candidates that have Taiwan citizenship, although others that meet above requirements may apply. To apply, visit our website at www.dowagro.com/careers and search for position 0800440 in the job list for Taiwan. Only online applicants will be considered.

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:

- Richard D. Allen, ACE
- John E. Boorse, ACE
- Roger W. Bradley, BCE
- Alan Feuer, ACE
- Stanley M. McCallum, ACE
- Bryan C. McGee, ACE
- Kenneth R. McPherson, BCE
- Joel Perez-Mendoza, BCE
- Oliver Peterreit, ACE
- Paul E. Sugrue, ACE
- Jason Matthew Tripp, BCE
- Larry D. Wills, ACE

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



Condolences

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

- Edward C. Becker, Ottawa, ON
- Floyd P. Harrison, Palmyra, VA

Your Job Ad Here

Rates for our print and online job ads can be found at <http://www.entsoc.org/employment/submit.htm>. Also, be sure to check our online jobs page for additional job ads which are not listed here: <http://www.entsoc.org/employment/jobs.htm>

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:

Bayer CropScience (GOLD)
Representative: Dr. Robert Steffens
URL: <http://www.bayercropscience.com>



Bayer CropScience

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



For the Datebook

Year 2008

- ✎ **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.odonata-central.org/index.php/PageAction.get/name/DSAAnnualMeeting>
- ✎ **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/aspcroflyer.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 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 African Green Revolution Conference** will take place August 28-29, 2008 at the Radisson SAS Scandinavia Hotel in Oslo, Norway. URL: <http://www.african-greenrevolutionconference.com>

✎ **The VIII Latinoamerican Scarabaeoidology Meeting** will be held at the Selva Negra Mountain Hotel between Matagalpa and Jinotega in Nicaragua from September 15-18. For more information, contact Jean-Michel Maes at jmmaes@ibw.com.ni.

✎ **The XVIIth International Congress for Tropical Medicine and Malaria (ICTM2008)** will be held in Jeju Island, Korea, September 29 - October 3, 2008. URL: <http://www.ictm17.org>

✎ **The Annual Meeting of the Society for Vector Ecology** will be held September 28 through October 2, 2008 at the Hilton, Fort Collins, CO. 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.

✎ **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 22-24, 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.ipm-centers.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.

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