



# ESA Newsletter

Information for the Members of the Entomological Society of America

NOVEMBER 2006 • VOLUME 29, NUMBER 11



## 2006 ESA Awardees Announced

ESA is pleased to announce the winners of its 2006 awards program. The Society's professional awards will be presented at the 2006 Annual Meeting in Indianapolis during the Plenary Session on the evening of Sunday, December 10, 2006. The student awards session will be held from 6:30 p.m.-7:30 p.m. on Tuesday, December 12, following the final round of the Linnaean Games in the Wabash Ballroom in the Convention Center. The Society's professional and student awards are listed alphabetically below with professional awards listed first.

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

### Professional Awards

**Distinguished Achievement Award in Extension**—Presented annually, this award recognizes outstanding contributions in extension entomology. This year's winner, **Dr. G. Keith Douce**, is a professor of Entomology at the University of Georgia Tifton Campus. He has a 100% extension appointment and his outreach and public service programs focus on forest entomology and forest health, exotic and



invasive species survey and educational programs, and IPM information systems. In 1995, Dr. Douce and Dr. David Moorhead, UGA School of Forestry and Natural Resources, began to develop means to use electronic technologies to support extension and outreach programs. The resulting Bugwood Network ([www.bugwood.org](http://www.bugwood.org)) now comprises 15 websites receiving over 9 million hits from more than 1 million users each month. The Network information systems and image archives, including Forestry-Images.org and Invasive.org, are now global in scope and use and contain over 30,000 photographs.

**Distinguished Achievement Award in Horticultural Entomology** (Sponsored by the American Nursery and Landscape Association)—Originally meant to honor regulatory entomologists, this award has been redefined to honor any entomologist who has contributed to the American horticulture industry. This year's awardee, **Dr. Daniel A. Potter**, is a professor of entomology at the University of Kentucky who has studied and taught about turf and landscape insects and IPM



since 1979. He received his B.S. from Cornell University, and his Ph.D. from the Ohio State University. Dr. Potter has authored over 150 refereed papers, 19 invited book chapters, dozens of trade journal articles and a widely used textbook on turf entomology. Among the 36 graduate students he has supervised are three winners of ESA's J.H. Comstock Award, eight university faculty members, and leaders in extension, regulatory entomology, and industry. Dr. Potter has been keynote speaker at scientific and Green Industry conferences throughout the world. He has received ESA's distinguished achievement awards in teaching, and in urban entomology, as well as university awards for research, teaching, and service to graduate students.

**Distinguished Achievement Award in Teaching**—This award is presented to the ESA member deemed to be the Society's outstanding teacher of the year. The 2006 recipient, **Dr. May R. Berenbaum**, has been on the faculty of the



(continued on p. 2)

### 2007 Election Results

The votes from the 2007 ESA elections conducted in July and August are in! The following incoming officers will begin their terms at the ESA Final Business Meeting in Indianapolis on Wednesday, December 13:

#### Vice President-Elect:

Dr. Marlin E. Rice

#### Governing Board Representatives

Eastern Branch: Dr. George C. Hamilton

Southwestern Branch: Dr. Marvin K. Harris, BCE

Section C: Gail E. Kampmeier

Section F: Dr. Michael D. Culy, BCE

#### Section Secretaries

A: Dr. Marc A. Branham

B: Dr. Margaret L. Allen

C: Dr. Ross H. Miller

D: Dr. Phillip E. Kaufman

E: Dr. Lisa G. Neven

F: Dr. William D. Hutchison

#### Certification Board

Director-Elect: Dr. James E. Cilek, BCE

Pacific Branch Representative:

Dr. Elizabeth A. Dykstra, BCE

Southwestern Branch Representative:

Dr. Bastiaan M. Drees, BCE

#### Publications Council Representatives

Section C: Dr. Laurence D. Charlet

Section F: Dr. R. Chris Williamson

For results of the referendum on the Renewal Proposal, see [http://www.ent-soc.org/about\\_ESA/governance/elections/2007results.htm](http://www.ent-soc.org/about_ESA/governance/elections/2007results.htm)

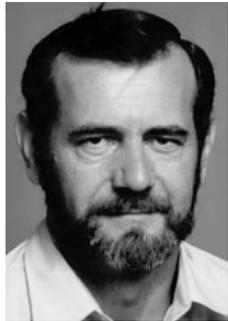
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## Awards, from p. 1

Department of Entomology at the University of Illinois Urbana-Champaign since 1980, and has served as head since 1992. She is well-known for her contributions to chemical ecology, elucidating coevolutionary interactions between phytophagous insects and their host plants in natural and agricultural communities. Berenbaum has received numerous accolades for her work, including election to the National Academy of Sciences and the American Philosophical Society. Devoted to teaching and fostering scientific literacy, she has authored numerous magazine articles and four books about insects for the general public. She also founded the UIUC Insect Fear Film Festival, a celebration of Hollywood's entomological excesses, now entering its 24th year. Berenbaum graduated with a B.S. in biology from Yale University in 1975 and a Ph.D. in ecology and evolutionary biology from Cornell University in 1980.

**Distinguished Service Award to the Certification Program**—The purpose of this award is to encourage and reward outstanding contributions to the ESA Certification Program and the professionalism of entomology. This year's recipient, **Dr. Marvin K. Harris**, has studied and taught entomology at Texas A&M University since 1972 and has been an ESA member since 1969. His research includes IPM and plant-insect interaction, and he teaches Hort-Flor Entomology, Insects of Row Crops, Host Plant Resistance and a science writing course for majors. He has produced over 40 refereed publications in ESA and other journals, a CD-ROM and three book chapters. Dr. Harris advises students, particularly undergrads, to join professional societies and to "transition their educations into careers" as preparation for life after graduation.



**Recognition Award in Entomology** (*Sponsored by Syngenta Crop Protection*)—This award recognizes entomologists who have made or are making significant contributions to agriculture. This year's recipient, **Dr. Nilsa Bosque-Pérez**, is a professor of entomology at the University of Idaho where she conducts research on host plant resistance, plant-virus vectors, and influence of agricultural practices and landscape elements on arthropod biodiversity. Her research elucidated for the first time the effects of transgenic resistance to barley yellow dwarf virus in wheat on aphid vector biology. Dr. Bosque-Pérez leads an NSF-IGERT interdisciplinary project on biodiversity conservation and sustainable production in Idaho and Costa Rica, and she has been the recipient of \$3.8 million in funding with her colleagues in the last five years. During this period, she co-authored 20 peer-reviewed journal articles and 25 proceeding papers, and she presented 15 invited talks and 96 contributed presentations with colleagues and students. An ESA member since 1980, she served on the *Journal of Medical Entomology's* editorial board and the international affairs committee, and is presently on the Pacific branch's executive committee.



**Recognition Award in Insect Physiology, Biochemistry, & Toxicology** (*Sponsored by Bayer CropScience*)—This award recognizes and encourages innovative research in insect physiology, biochemistry and toxicology. The 2006 awardee, **Dr. Michael E. Adams**, received his Ph.D. in Entomology at the University of California, Riverside, and did postdoctoral work at the Max Planck Institute for Behavioral Physiology and University of Chicago. After working in industry (Zoecon Corp.), he moved back to UC Riverside, where he is a professor of entomology and neuroscience. Fundamental contributions that have been made by Professor Adams and his collaborators include demonstration of peptidergic synaptic transmission in insects, discovery and characterization of ion channel-specific toxins in spider venoms, including the calcium channel antagonist omega-Aga-IVA, and the discovery of ecdysis-triggering hormones (ETHs) and their receptors. Recent work describes how ETHs recruit peptidergic ensembles in the CNS to regulate innate behavior in moths and flies. Dr. Adams has combined his research in insect physiology with studies in toxicology and neurobiology, and has published papers in *Nature*, *Science*, *Neuron*, *Proceedings of the National Academy of Sciences*, and other high-profile journals.

**ESA Student Awards**

**Student Activity Award** (*Sponsored by Monsanto Company*)—This award recognizes an ESA student member for outstanding contributions to the Society, his/her academic department, and the community, while simultaneously achieving academic excellence. **Floyd W. Shockley**, the 2006



awardee, is a Ph.D. student at the University of Georgia. He has published 11 peer-reviewed journal articles and a book chapter, and has held several leadership positions in the ESA and other organizations, and has received praise from students and faculty members for his enthusiasm and teaching abilities. In addition, he has participated in more than 47 events, speaking at schools, to children's groups and to adult special interest groups. Floyd's dissertation research involves the systematics of the beetle family Endomychidae (handsome fungus beetles).

## ESA Student Awards

**Student Certification Award** (*Sponsored by Springer Pest Solutions*)—This award recognizes and encourages outstanding entomology graduate students with interest in the mission of the ESA certification program. This year's winner, **Nicola T. Gallagher**, is a Ph.D. student in entomology at Ohio State University, where she also received her M.S.

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In order to allow enough space for the ESA Awards announcements, the President's Corner will be published in the next issue.

The *ESA Newsletter* (US ISSN 0273-7353) is published monthly by the Entomological Society of America (ESA), 10001 Dereewood Lane, Suite 100, Lanham, MD 20706-4876; ph. 301-731-4535; fax 301-731-4538; rlevine@entsoc.org; <http://www.entsoc.org>. The deadline for all submissions is the first of the month, one month prior to publication.

POSTMASTER: Subscription rate for members is \$10, which is included in the dues. The rate for nonmembers is \$28; institutions, \$43. Periodicals postage paid at Lanham-Seabrook, MD, and other mailing offices. © 2006 ESA.

Job Opportunity rates are \$25/line for regular and postdoctoral positions, and \$10/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 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).

degree in entomology. She received her B.S. degree in biology from the College of Mount St. Joseph. Her Ph.D. research focuses on



the foraging behavior of the eastern subterranean termite and its implications for termite control. In addition to her research, Nicola is a full-time research associate in the Entomology Department where she conducts laboratory and field

research on termite baits and soil termiticides.

**John Henry Comstock Graduate Student Awards**—These awards promote interest in entomology at the graduate level and stimulate interest in attending the ESA Annual Meeting. The following 2006 winners were selected by each of the five ESA Branches.

**Torsten Dikow (Eastern Branch)** studied zoology, entomology, and botany at the University of Rostock, Rostock, Germany and the University of Natal, Pietermaritzburg, South Africa. He received his diploma in biology from the University of Rostock in January 2002 with a thesis on the taxonomic revision



and phylogenetic analysis of the robber-fly genus *Euscelidia* (Diptera: Asilidae: Lep-togastrinae). In 2002, he started his Ph.D. dissertation in the joint Cornell University-American Museum of Natural History program in insect systematics. After finishing his course work in Ithaca he is now based at the AMNH where he works on the phylogeny, classification, and biodiversity of Asilidae with particular reference to the Lep-togastrinae, using both morphological and molecular data for phylogenetic questions. Additionally, he is interested in the phylogenetic relationships within Asiloidea (Diptera), systematic theory, and photography.

**Hojun Song (North Central Branch)** will receive his Ph.D. in 2006 for work that centers on plague locusts. His cladistic analysis of the *Schistocerca* species suggests that African plague locusts may have crossed the Pacific Ocean while on their way to the New World. His research regarding the changes in the concealed



genitalia of Orthoptera will require serious modification of grasshopper classifications. His contributions to Orthoptera taxonomy has been recognized with an associate editor position to *Metaleptea*, the newsletter of the Orthopterists Society. He has held eight professional meetings, organized three symposia at ESA annual meetings, received funding from over a dozen grants, has taught at the undergraduate and graduate levels, and has written 7 peer-reviewed publications. His research excellence helped the Mexican government select him as a scientific advisor to address the ecological impact of *Schistocerca piceifrons*, which was devastating Socorro Island. He currently serves as a consultant to CONABIO (Comisin Nacional para el Conocimiento y Uso de la Biodiversidad) of Mexico.

**Jeremy D. Allison (Pacific Branch)** entered the Master of Pest Management program at Simon Fraser University after completing his undergraduate degree in biology at the University of Guelph. Under the direction of Dr. J.H. Borden, he examined semiochemical-based interactions between bark and woodboring beetles with the aim



of developing a commercially operational bait. In the fall of 2001, he began studying for a Ph.D. in entomology at UC-Riverside with Dr. R.T. Card. His dissertation research focuses on the genetic basis of variation in the sex pheromone of the stored products pest *Cadra cautella* (Lepidoptera: Pyralidae) and the consequences of the variation within and among generations. The results of his research will document how directional selection can modify sex pheromones, and suggest the consequences, type and strength of selection acting on variation in sex pheromones.

**Floyd W. Shockley (Southeastern Branch)** is currently in the final year of his Ph.D. program in entomology at the University of Georgia, where he is working on the systematics of the mycophagous beetle family Endomychidae (Coleoptera: Cucujoidea), under the advisement of Dr. Joseph V. McHugh. Floyd received his B.A. in biology from Westminster College in Fulton, MO and his M.S. in entomology from the University of Missouri-Columbia. During the course of his M.S. and Ph.D. programs, he has won numerous awards for



his teaching and research, has been awarded over \$11,000 in grant funding to conduct his research, has 25 publications, and has presented his research 30 times at national and international meetings.

**Dr. Kenneth S. Brown (Southwestern Branch)** completed his Ph.D. in entomology, with a dissertation entitled "Biology and Behavior of Oklahoma Subterranean Termites" (Isoptera: Rhinotermitidae) from Oklahoma State University in Stillwater, OK. His research emphasis was in structural/urban entomology, including development and evaluation of unique



control strategies, completion of a state-wide termite survey, species identification using both morphological and molecular techniques, termite foraging characterization involving territory and population estimation, caste ratio determination, foraging depth determination, soil movement capabilities, and determination of termite foraging effects on surface vegetation and carbon sequestration. He has been an active advocate for entomology as a member of the Linnaean team, student affairs committees and numerous outreach programs.

## Dues Renewal for 2007

Its official: dues season for 2007 has begun and we're **rolling back dues prices** for next year. You can renew for 2007 at the same price that you did in 2004 by visiting <https://www.entsoc.org/forms/renew.aspx>, or you can renew at the ESA booth on the exhibit floor at the Annual Meeting (and be automatically entered to win a new iPod!)

By now you should have received an email about dues renewal, and you should also receive a notice in the mail. If you didn't get the email, please make sure that we have your email address recorded properly. This information is viewable (and editable) at <https://www.entsoc.org/forms/update.aspx>.

You'll need to renew prior to February 15th to avoid a late assessment, but the timing and structure of that fee will change for next year. In response to member comments, we've made this date one month later (it used to be January 15th) and changed it to a percentage of dues, rather than a flat fee.

Please renew your membership in ESA as soon as you can. Strength in numbers starts with one. It starts with you.



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# NEWS ON THE 2006 ANNUAL MEETING & EXHIBITION

December 10-13, 2006 — Indianapolis, Indiana

[http://www.entsoc.org/annual\\_meeting/current\\_meeting/](http://www.entsoc.org/annual_meeting/current_meeting/)

The 2006 Annual Meeting is just around the corner now and everyone at Headquarters is getting excited about Indianapolis. At this point if you are coming to the meeting and have not yet registered, you'll want to do that when you get to the meeting. We'll open the registration desk on Saturday afternoon. You'll receive your Program Book and a free ESA *World of Insects* wall calendar when you register. Here are a couple of recent changes to the program that you might be excited about:

- There will be a town hall meeting to discuss the ESA restructuring and renewal process. You can read the article in the Fall 2006 issue of *American Entomologist*, take the online survey to register your thoughts, and then come to the meeting and voice your opinion or just get more information about this very important potential change to ESA's structure.

- Love basketball? Then make plans to spend your last night in Indy at a Pacers game. We've secured group rates for this game against the Detroit Pistons. Check it out online at [http://www.entsoc.org/annual\\_meeting/current\\_meeting/Venue/pacers.htm](http://www.entsoc.org/annual_meeting/current_meeting/Venue/pacers.htm)

- Purchase a raffle ticket at the Entomological Foundation Booth to win *Insect Diversity*, signed by Dr. E. O. Wilson and artist Char-

ley Harper. Your purchase will support educational programs designed to excite youth about science through insects. Help build a future for entomology! For details, please go to <http://www.entfdn.org/print.php>.

## 2006 Annual Meeting Contacts

- **Program Co-chairs**—Phil Mulder, [philmul@okstate.edu](mailto:philmul@okstate.edu), and Tom Royer, [rtom@okstate.edu](mailto:rtom@okstate.edu)
- **Technology Chair**—Grayson Brown, [gcbrown@ix.netcom.com](mailto:gcbrown@ix.netcom.com)
- **Student Competition Chair**—Robert K. Peterson, [bpeterson@montana.edu](mailto:bpeterson@montana.edu)
- **Poster Co-chairs**—Susan Weller and Kathleen Shields, [welle008@umn.edu](mailto:welle008@umn.edu)
- **Local Arrangements Co-chairs**—Gerald Michaels, [asychis@aol.com](mailto:asychis@aol.com), and Bonnie Pendleton, [bpendleton@mail.wtamu.edu](mailto:bpendleton@mail.wtamu.edu)
- **Director of Meetings**—[meet@entsoc.org](mailto:meet@entsoc.org)

**November 17 (revised date):** Deadline for requests for meeting space

## Insect Common Names Proposed for Membership Consideration

The Committee on the Common Names of Insects has approved the following names and is submitting them to the membership for consideration and comment. Please send your comments by December 15, 2006, to Robert Haack, committee chair, at [rhaack@fs.fed.us](mailto:rhaack@fs.fed.us). A brief comment from the committee about each insect's name is included. All names are in the Order: Family of Hymenoptera: Apidae

**Scientific name:** *Bombus affinis* Cresson  
**Common name:** rusty patched bumble bee

Name refers to the rust-colored patch on abdomen.

**Scientific name:** *Bombus auricomus* (Robertson)  
**Common name:** black and gold bumble bee  
"Gold" is in reference to the scientific name, which means "with golden hair."

**Scientific name:** *Bombus bimaculatus* Cresson  
**Common name:** twospotted bumble bee  
This bee has two distinctive yellow markings on the abdomen.

**Scientific name:** *Bombus borealis* Kirby  
**Common name:** northern amber bumble bee  
This bee has a distinctive amber color.

**Scientific name:** *Bombus fervidus* (Fabricius)  
**Common name:** yellow bumble bee  
This bee is almost entirely pale yellow.

**Scientific name:** *Bombus fraternus* (Smith)  
**Common name:** southern plains bumble bee  
This bee is more southern in its US distribution and prefers prairies and plains.

**Scientific name:** *Bombus griseocollis* (DeGeer)  
**Common name:** brownbelted bumble bee  
This bee has a distinctive brown belt across the abdomen.

**Scientific name:** *Bombus impatiens* Cresson  
**Common name:** common eastern bumble bee  
This bee is widespread and common throughout the East.

**Scientific name:** *Bombus pensylvanicus* (DeGeer)  
**Common name:** American bumble bee

Name refers to the former Latin name, *B. americanorum*.

**Scientific name:** *Bombus perplexus* Cresson  
**Common name:** confusing bumble bee  
The color variants of this bee are easily confused with other species.

**Scientific name:** *Bombus rufocinctus* Cresson  
**Common name:** redbelted bumble bee  
Name refers to the red band across the abdomen.

**Scientific name:** *Bombus sandersoni* Franklin  
**Common name:** Sanderson bumble bee  
This name honors Dr. E. Dwight Sanderson (1878-1944), who served as president of the American Association of Economic Entomologists.

**Scientific name:** *Bombus ternarius* Say  
**Common name:** tricolored bumble bee  
Name refers to the Latin name, tri-colored (red, yellow, black).

Continued on p. 6

**Dr. Deborah Jaworski** has joined the faculty in the Department of Entomology and Plant Pathology at Oklahoma State University as an assistant professor. Dr. Jaworski will lead research programs in the area of arthropod physiology with a focus on tick biology and in cooperation with a tick research team effort at Oklahoma State University. She will also teach a graduate level Arthropod Physiology course in the department.

**Dr. Tom Phillips**, professor in the Department of Entomology and Plant Pathology at Oklahoma State University was recently named the Sarkey's Distinguished Professor for outstanding service to the university, profession and research accomplishments. Dr. Phillips conducts research on stored product pests and teaches undergraduate and graduate level courses in the department.

**Dr. Tom Royer**, associate professor in the Department of Entomology and Plant Pa-

thology at Oklahoma State University was recently named as the new IPM Coordinator at Oklahoma State University. Dr. Royer will relinquish extension education duties in horticultural crop pest management in order to concentrate his efforts on coordinating IPM activities within the Division of Agricultural Sciences and Natural Resources at OSU.

**Dr. Justin Talley** has joined the faculty in the Department of Entomology and Plant Pathology at Oklahoma State University as an assistant professor and state extension specialist for livestock entomology. Dr. Talley will lead programs in IPM for livestock arthropod pests and conduct applied research in support of the livestock industry. Dr. Talley earned his B.S. and M.S. degrees at West Texas A&M University and recently completed his Ph.D. program at Kansas State University.

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.

- Dr. Travis A. Hill, BCE
- Mr. James L. Marks, ACE
- Ms. Doreen C. Partyka, ACE
- Mr. Christian A. Borre, ACE
- Mr. William Harold Harris, ACE

For more information about ESA's associate or board certification programs, please visit <http://www.entsoc.org/certification/>, e-mail [bce@entsoc.org](mailto:bce@entsoc.org), or call 703-234-4121.



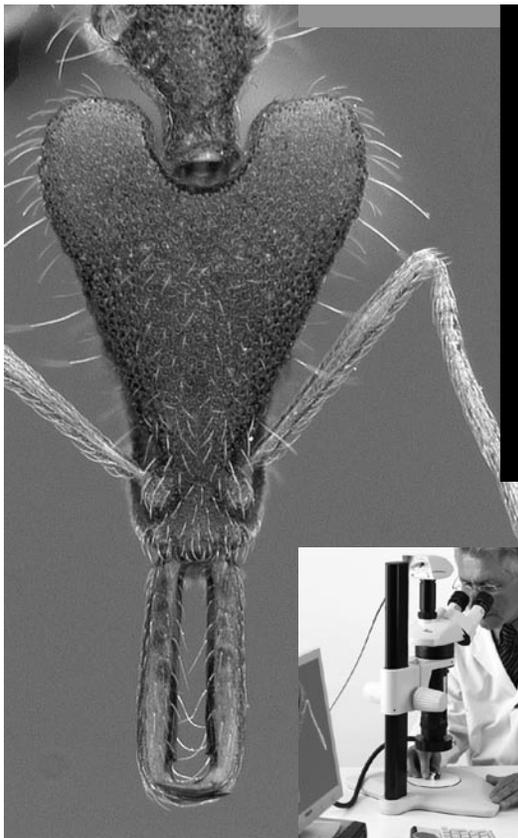
## Welcome New and Returning Members!

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.

Mr. Joseph Njinyah Achaleke  
Mr. John Acorn  
Mr. Paul L. Albano  
Mrs. Fatimah Saeed Alhamlan, Washington State University  
Ms. Gina Marie Angelella  
David E. Baumgardner, Texas A&M University  
Miss Shana Margaret Beirne  
Mr. Jianlong Bi, University of California  
Mr. Micahel James Biondi, Clemson University  
Dr. Warren Booth  
Dr. Pat Bouchard, Agriculture and Agri-Food Canada  
Mr. Keith R. Bradley  
Ms. Angela G. Brommit, University of Windsor  
Ms. Erin M. Cafferty  
Dr. David O. Carter, University of Nebraska-Lincoln  
Mr. William Rodney Cooper, University of Kentucky  
Dr. Winfred Danquah  
Mr. Andrew I. Derksen, University of Florida  
Ms. Marie Djernaes, University of Alberta  
Mr. Luke Elden Dodd, University of Kentucky  
Mr. John Dunbar, Terminix Service, Inc.  
Mr. Nagendra Babu Earle, West Texas A&M University  
Mr. Adam G. Ehmer, Stony Brook University  
Ms. Monica A. Farfan, Ohio State University  
Ms. Cheryl Eileen Frank, University of Vermont

Mr. Fred Apau Frempong, Cocoa Research Institute of Ghana  
Mr. John R. Gammons, Cornell College  
Dr. Grant L. Gentry, Tulane University  
Mr. Jason J. Gibbs, York University  
Dr. Thomas Guillemaud  
Ms. Laurel Jean Haavik, University of Arkansas  
Ms. Heather E. Harmon, Delaware Department of Agriculture  
Dr. Lin He, Auburn University  
Dr. Frank M. Horodyski, Ohio University  
Mr. James Keating  
Gevin Kenney  
Mr. Soo-Hoon Samuel Kim, Michigan State University  
Dr. Laura D. Kramer, Health Research Inc.  
Mr. Aninakwa Kyeremateng, Cocoa Research Institute of Ghana  
Dr. Sijun L, Iowa State University  
Mr. Damien Laudier, Laudier Histology  
Ms. Donna Lee  
Mr. Seung-II Lee, Chungnam National University  
Dr. Huarong Li, Iowa State University  
Dr. Johan Liljelblad, University of California, Riverside  
Dr. Gloria M. Luque, Ohio State University  
Dr. Paula R G Marcon, Dupont Agric Products  
Dr. Jeremy L. Marshall, Kansas State University  
Dr. Thomas Meade, Dow AgroSciences  
Mr. David P. Moser, II, Texas A&M University  
Ms. Emily Mueller, University of Wisconsin-Madison  
Ms. Sarah Elizabeth Newell, University of New Orleans  
Mr. Giang N. Ngo, ISCA Technologies Inc.  
Dr. Samuel Nibouche, CIRAD UMR PVBMT

Mr. Philip E. Otienoburu, Ohio State University  
Dr. Michael R. Patnaude, Springborn Smithers Laboratories  
Miss Anjelica Maria Peredo  
Miss Jessica Ellen Platt, Purdue University  
Dr. Deepa Pureswaran, Canadian Forest Service/Canadian Food Inspection Agency  
Ms. Elisabeth C. Reichert, Lyman Entomological Museum  
Mr. Raul Ruiz-Arce, USDA CPHST/Penn State University  
Ms. Brittany Russ, Clemson University  
Mr. Koji Sasakawa, University of Tokyo  
Mr. Craig M. Shelton, University of Arkansas  
Mr. Ben Simmons  
Dr. Thomas J. Simonsen, University of Alberta  
Ms. Sandra M. Sleezer, University of Arkansas  
Mr. Jae-Cheon Sohn, University of Maryland  
Ms. Anna Louise Soper, University of Massachusetts-Amherst  
Dr. Victoria Soroker, Institute of Plant Protection  
Mr. Matthew M. Steller, Kansas State University  
Dr. Sivakumar Swaminathan, Iowa State University  
Mr. Charuwat Taekul, Ohio State University  
Dr. Shigeto Takagi, Tohoku University  
Mr. Elijah J. Talamas, Ohio State University  
Dr. Justin L. Talley, Oklahoma State University  
Mr. Burt Tate, Bio-Pest  
Mr. Cameron David Wilson, Neudorff North America  
Mr. Jinqun Wu, USDA-ARS, Beneficial Insect Introduction Research Unit



*Strumigenys mirifica* ant images provided by Dr. Gary Alpert, Harvard University.

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MICROSYSTEMS

### New Dues Structure for 2007

The ESA Governing Board recently enacted the following changes for 2007:

**1) Late fee** – The late fee will now be enacted one month later than previously. Dues received after February 15th will be subject to the late fee. It is also changing from a flat fee of \$20 to a 10% rounded assessment, which will result in a lower fee for all parties, especially students and the Emeriti.

**2) Price** – In recognition of the years of cutbacks that members have borne, dues for 2007 are dropping back to the 2004 prices.

Names, from p.4

**Scientific name:** *Bombus terricola* Kirby  
**Common name:** yellowbanded bumble bee.

Has a large yellow band on the abdomen and across the thorax.

**Scientific name:** *Bombus vagans* Smith  
**Common name:** half-black bumble bee

The anterior portion of bee (top of the head, thorax, and first two segments of the abdomen) is yellow, and the posterior half is black.

**Scientific name:** *Bombus ashtoni* (Cresson)  
**Common name:** Ashton cuckoo bumble bee

A cuckoo bumble bee whose name honors Mr. T. B. Ashton, a collector in New York, who first informed Cresson about this species.

**Scientific name:** *Bombus citrinus* (Smith)  
**Common name:** lemon cuckoo bumble bee

A cuckoo bumble bee where the name "citrinus" means lemon-yellow.

**Scientific name:** *Bombus fernaldae* (Franklin)  
**Common name:** Fernald cuckoo bumble bee

A cuckoo bumble bee whose name honors Maria E. Fernald, wife of Dr. Charles H. Fernald, an entomologist at the University of Massachusetts around 1900.

**Scientific name:** *Bombus insularis* (Smith)  
**Common name:** indiscriminate cuckoo bumble bee

A cuckoo bumble bee that attempts to reproduce in the nests of other bumble bee species in the East.

**Scientific name:** *Bombus variabilis* (Cresson)  
**Common name:** variable cuckoo bumble bee

A cuckoo bumble bee where the color pattern of the male varies from entirely yellow to entirely black.

**Scientific name:** *Dryocosmus kuriphilus*  
 Yasumatsu (Hymenoptera: Cynipidae).

**Common name:** Asian chestnut gall wasp

Overall, the CNC members felt that the proposed common name was appropriate given that this insect is Asian in origin and that chestnut (*Castanea*) is the only host plant reported.

## Condolences



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

- Dr. Frank T. Hovore, Santa Clarita, CA
- Dr. Laurence K. Cutkomp, Saint Paul, MN
- Dr. Vernon M. Stern, Riverside, CA

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## ASST. PROF. INSECT PEST MGMT. EXT. & RES. TOBACCO, SMALL FRUIT & SPECIALTY CROPS

The Dept. of Entomol. at NC State Univ. is seeking applicants for a 11-month tenure track Asst. Prof. pos. with responsibilities in Ext. (75%) and Res.(25%) on tobacco, small fruit and specialty crops. This pos. is avail. July 1, 2007. The incumbent will be expected to establish and maintain a modern, nationally recognized ext. and appl. res. prog. that provides leadership in developing and implementing effective insect mgmt. programs on tobacco, small fruit and specialty crops in NC. The incumbent will be further expected to devel. robust extramural funding; engage in intra- and inter-disciplinary projects with other facul. at NCSU; develop relationships with County Ext. Agents, commodity groups and related constituencies; and actively participate in the direction of grad. students. Some teaching responsibilities may be added at a future date. QUALIFICATIONS: Ph.D. in Entomol. or related field, expertise in insect pest mgmt., excellent communication skills, and a clear commitment to the develop. and implementation of pest mgmt. programs are required. Exper. working with producers and commodity interests desired, as is expertise in sampling, landscape ecol., and/or popul. modeling. APPLICANTS must apply online by Jan 2, 2007. See <http://jobs.ncsu.edu> for instructions and required documentation. AA/EOE. ADA Accomodations: Dr. James Harper [james\\_harper@ncsu.edu](mailto:james_harper@ncsu.edu) 919-515-2746. NC State welcomes all persons without regard to sexual orientation.



## ASST. / ASSOC. PROF. VEGET. INSECT PEST MGMT. EXT. & RES.

The Dept. of Entomol. at NC State Univ. is seeking applicants for a 11-month tenure track pos. with responsibilities in Ext. (75%) and Res.(25%) on veg. crops. This pos. is avail. April 1, 2007 and will be filled at the Asst. or Assoc. Prof. level depending on qualifs. and exper. The incumbent will be expected to establish and maintain a modern, nationally recognized ext. and appl. Res. Prog. that provides leadership in developing and implementing effective insect mgmt. progs. on veget. crops in NC. The incumbent will be further expected to develop robust extramural funding; engage in intra- and

inter-disciplinary projs. with other facul. at NCSU; develop relationships with County Ext. Agents, commodity groups and related constituencies; and actively participate in the direction of grad. students. Some teaching responsibilities may be added at a future date. QUALIFICATIONS: Ph.D. in Entomol. or related field, expertise in insect pest mgmt., excellent communication skills and a clear commitment to the dev. and implementation of pest mgmt. progs. are required. Exper. working with producers and commodity interests desired, as is expertise in insect vectors of plant pathogens, sampling, landscape ecol., and/or popul. model. APPLICANTS must apply online by Jan 2, 2007. See <http://jobs.ncsu.edu> for instructions and required documentation. AA/EOE. ADA Accomodations: Dr. James Harper [james\\_harper@ncsu.edu](mailto:james_harper@ncsu.edu) 919-515-2746. NC State welcomes all persons without regard to sexual orientation.

## ASSISTANT PROFESSOR INSECT BIODIVERSITY

The Department of Entomology, North Carolina State University, seeks to fill a tenure track, 11 mo. assistant professor faculty position with responsibilities in research (50%) and teaching (50%) with responsibilities in insect systematics and biodiversity. The successful candidate will develop a vigorous, basic research program focusing on specimen based approaches in taxonomy and phylogenetic systematics. Success in obtaining extramural funding for this program will be expected. The incumbent will serve as Director of the NCSU Insect Collection. Teaching responsibilities will include a graduate level course or courses in insect biodiversity, graduate seminars, and participation in the undergraduate teaching program, as appropriate. Academic advising and graduate student training will also be expected. Qualifications: Ph.D. in Entomology or related field and experience in systematic entomology using a broad diversity of tools and approaches in collection based research. Applicants must apply online by Jan 2, 2007. See <http://jobs.ncsu.edu> for instructions and required documentation. AA/EOE. ADA Accomodations: Dr. James Harper [james\\_harper@ncsu.edu](mailto:james_harper@ncsu.edu) 919-515 2746. NC State welcomes all persons without regard to sexual orientation.

## ASST. PROF., MOLECULAR BASIS OF CHEMORECEPTION AND/OR BEHAVIOR IN INSECTS

at the University of California, Riverside CA, USA, starting July 1, 2007. Position is tenure track, 11 months/year, 25% teaching, 75% research. Appointment level and salary commensurate with experience. Ph.D. with extensive training in using molecular biology techniques to investigate chemoreception and/or behavior in insects is required. Postdoctoral experience an asset. The appointee will develop a strong basic and applied research program, participate in graduate and undergraduate teaching in Entomology and interdepartmental programs, and supervise graduate students. Applicants should send CV, statement of research interests, reprints and manuscripts in press, and arrange to have four letters of reference sent to Jocelyn Millar, Search Committee Chair, Department of Entomology, University of California, Riverside, CA, 92521, USA; e-mail: [Jocelyn.millar@ucr.edu](mailto:Jocelyn.millar@ucr.edu), phone (951) 827-5821, FAX (951) 827-3086. Applications may be submitted electronically or by

mail or courier service. Letters of reference may be sent by email initially, with signed hard copies following. Applications, including letters of reference, should be received by Dec. 31, 2006, but position will remain open until filled. Further information about the Entomology Department and the position can be found at <http://www.entomology.ucr.edu>. Information on UC Riverside's numerous Interdepartmental programs can be found at <http://www.ucr.edu/academic.html>.

## RESEARCH ENTOMOLOGIST

The U.S. Department of Agriculture, Agricultural Research Service, San Joaquin Valley Agricultural Sciences Center, Parlier, California, invites applications for a Research Entomologist position GS-12/13 (\$62,291.00-\$96,292.00 per annum). Position is responsible for planning and leading fumigation research on fresh or dried fruit, nuts and durable commodities such as grains, beans and spices, as well as conducting research on fumigation programs for commodity processing facilities. The ideal candidate has exper-

ience in post harvest processing and pest control. For information call Denice Chambers at 559-596-2960. For a copy of the full agency announcement, application procedures and qualifications for the position go to [www.usajobs.com](http://www.usajobs.com). (Announcement Number ARS-X6W-0412) Closing date for applications is December 15, 2006. Applications must be received by the closing date of the announcement. This is a competitive, permanent appointment and U.S. citizenship is required. The USDA is an Equal Opportunity Provider and Employer.

## CENTER DIRECTOR AND PROFESSOR

Mid-Florida Research and Education Center, Apopka, FL. Position# 0001-3382. For description, minimum qualifications, application deadlines and information on how to apply, please go to [http://personnel.ifas.ufl.edu/Vacancies/0001-3382\\_center\\_director.pdf](http://personnel.ifas.ufl.edu/Vacancies/0001-3382_center_director.pdf) or email: [ewallace@ufl.edu](mailto:ewallace@ufl.edu).



## Reminder: Call for 2007 ESA Annual Meeting Symposia

ESA IS MAKING CONNECTIONS... captures the theme and intent for the 2007 Annual Meeting, which will be the venue to showcase our collective PASSION FOR PROGRESS THROUGH INNOVATION, INITIATIVE, AND INFLUENCE. Indeed, the ESA is more than a collection of individuals who share a common fascination with insects—it is a premier scientific and professional society that stimulates discovery, advances new biological and ecological theories, and im-

proves human welfare through responsible pest management. Now is the time for YOU to begin planning for the exciting 2007 Annual Meeting in San Diego to make YOUR connections!

Program, Section, and other symposia may be proposed for two-hour, four-hour, or all-day time slots. 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.

The submission deadlines for proposals are as follows:

- Program Symposia—February 1, 2007
- Section Symposia—March 6, 2007
- Other Symposia—March 6, 2007
- Hot Topics—November 1, 2007

The complete call for symposia, including full instructions, will be available soon at [http://www.entsoc.org/annual\\_meeting/Future\\_meetings/future-meetings.htm](http://www.entsoc.org/annual_meeting/Future_meetings/future-meetings.htm).



## For the Datebook

- The Joint Annual Meeting of the American Society of Agronomy, the Crop Science Society of America, and the Soil Science Society of America will take place on November 12-16, 2006, in Indianapolis, Indiana. URL: <http://www.asa-cssa-sssa.org>
- The 4th International Bemisia Workshop is slated for December 3-6, 2006, at the Hawk's Cay Resort in Duck Key, Florida. The event is sponsored by the University of Florida, IFAS, Southwest Florida Research and Education Center, and USDA-ARS. URL: <http://www.conference.ifas.ufl.edu/bemisia/>
- The International Whitefly Genomics Workshop is slated for December 7-8, 2006, at the Hawk's Cay Resort in Duck Key, Florida. The event is sponsored by the University of Florida, IFAS, Southwest Florida Research and Education Center, and USDA-ARS. URL: <http://www.conference.ifas.ufl.edu/bemisia/>

• **The 2006 ESA Annual Meeting will be held on December 10-13, 2006, in Indianapolis, Indiana.** Contact: ESA Annual Meeting, 10001 Derekwood Lane, Suite 100, Lanham, MD 20706. Phone 301-731-4535, fax 301-731-4538.

### Year 2007

- 18th USDA Interagency Research Forum on Gypsy Moth and Other Invasive Species will be held on January 9-12, 2007 at the Loews Annapolis Hotel, 126 West Street, Annapolis, MD USA. Contact: Katherine McManus, [kmcmanus@fs.fed.us](mailto:kmcmanus@fs.fed.us). Phone: 203-230-4330. URL: [http://www.fs.fed.us/ne/morgantown/4557/forum/additional info](http://www.fs.fed.us/ne/morgantown/4557/forum/additional%20info).
- The 10th Gordon Research Conference on Plant-Herbivore Interactions is scheduled for February 18-23, 2007, at the Crowne Plaza Hotel, Ventura, California. For more information, including a list of speakers, consult the Gordon Research Conferences web site: <http://grc.org/programs/2007/planthrb.htm>
- The first meeting of Integrated Control of Plant-Feeding Mites will be held on March 12-14, 2007, in Jerusalem, Israel. As with all IOBC group meetings, papers will be published in the IOBC/WPRS Bulletin. Contact: [www.iobc-wprs.org/events/index.html](http://www.iobc-wprs.org/events/index.html)

• The 2007 AIBS annual meeting will be held 14-15 May 2007 in Washington DC, at the Capital Hilton Hotel. The theme of the meeting will be "Evolution and Human Health." Information about the meeting will be available at [www.aibs.org/annual-meeting/](http://www.aibs.org/annual-meeting/).

- The 2nd International Symposium on the Environmental Physiology of Ectotherms and Plants (ISEPEP2) will be held in Dunedin, New Zealand, July 1-6, 2007. URL [www.otago.ac.nz/isepep2/](http://www.otago.ac.nz/isepep2/).
- The American Society for Horticultural Science's Annual Conference is slated for July 16-19 in Scottsdale, AZ. URL: <http://www.ashs.org>
- The American Phytopathological Society Annual Meeting will be held on July 28-Aug. 1 in San Diego, CA. URL: <http://www.apsnet.org>
- The 92nd Annual Meeting of the Ecological Society of America will take place on Aug. 5-10 in San Jose, CA. URL: <http://www.esa.org>
- The 13th European Carabidologists' Meeting will be held August 20-24, 2007 at the American University in Bulgaria, Blagoevgrad. For more information, see <http://www.ecolab.bas.bg/ecm2007>

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