



Summer 2011 Newsletter, Volume 8, Issue 1

### ***In This Issue***

#### ***Page 1***

- *Awards for Science Projects*
- *Science Festival*

#### ***Page 2***

- *Education Symposium*
- *Book Signing*
- *Outreach*

#### ***Page 3***

- *Awards Reception*
- *Sponsorships*

#### ***Page 4***

- *Youth Website*

## **ENTOMOLOGICAL FOUNDATION ANNOUNCES COMPETITION FOR SCIENCE PROJECT IDEAS**

The Entomological Foundation announces its 2011 Science Project Contest to identify the top 5 to 10 science project ideas for grades K-12. Winners will receive \$100 for each winning project. Any project related to insects, spiders, or related arthropods is welcome. Entries will be accepted beginning July 1 and will close on September 30. The Foundation is especially looking for project ideas from entomology student clubs and K-12 educators.

The Foundation is requesting that projects be designed to be doable and exciting for students as well as interesting for teachers and families. The goal is to develop an understanding of scientific laws and principles that underlie the natural world. Authorship credit will be cited for each science project published on the Foundation's web site. Examples include teaching children about life cycles, interrelationships of living things, food chains/food webs, and organisms and the environment.

Winners will be notified in October. Winners who are in attendance at the Entomological Society of America's Annual Meeting in Reno, Nevada, will receive their award during the Foundation's Awards Reception on November 14, 2011. Submission guidelines can be found on the Entomological Foundation's web site: <http://www.entfdn.org> Submit your project to April at [april@entfdn.org](mailto:april@entfdn.org). You may submit as many projects as you wish.



## **2012 USA SCIENCE AND ENGINEERING FESTIVAL**

The Entomological Foundation is pleased to announce its participation in the 2012 USA Science & Engineering Festival, specifically the entomology-centered section at the Festival's Finale Expo in Washington, D.C. from April 27-29, 2012. The objective of the Festival is to inspire the next generation of scientists and engineers with educational programs and nationwide contests throughout the 2011/2012 school year. The Festival concludes with a Finale Expo, one of the nation's largest celebrations of all things science and engineering, and will feature more than 1,500 hands-on activities and more than 75 performances.

The Entomology section of the Expo will include the following themes: 1) Bees and Pollinators; 2) Insect Zoos and Live Insect Displays; 3) Cutting-Edge Insect Technology (cyborg beetles, genomics, biomedical science and agriculture); 4) Insects as Human Food; 5) Biodiversity, Systematics and Taxonomy; and 6) Entomological Education and Outreach.

The Entomological Foundation, All Things Bugs, Green Matter, and Daniella Martin, host of Girl Meets Bug (the insect cooking/travel show), are just a few of the contributors who will engage Expo visitors in a variety of exciting hands-on activities in entomology. (continued on page 4)



## ENTOMOLOGICAL FOUNDATION'S EDUCATION SYMPOSIUM:

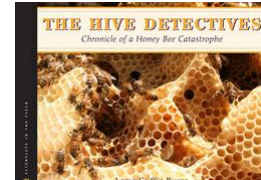
*Identify, Clarify, Speak Out: Turning Young People on to  
Science through Insects and Building a Future for  
Entomology*

This Symposium is a unique opportunity to hear from ESA members and K-12 educators about opportunities to use insects to turn young people onto critical issues threatening our natural world and to the value of entomology and science in meeting those challenges. It will be held during the Entomological Society of America's Annual Meeting, from 8:00 a.m.- 11:00 a.m. Tuesday, at the Reno-Sparks Convention Center, Room A4, First Floor. Guest Speaker Loree Griffin Burns, scientist/writer specializing in books about science and nature for young readers, will open the Symposium with *Spreading the Buzz: Sharing Science and Insects with Young Readers*.

The Symposium will also feature presentations by Tom Turpin, Purdue University, *Identifying the Need and Opportunity to Turn Young People onto Science and Entomology through Insects*; Sharron Quisenberry, Iowa State University, *Clarifying the Role of your Entomological Foundation in Building a Future for Entomology*; and Brad Vinson, Texas A&M University, *Speaking Out to Young People through INSEKT: Insect Science Education Kit*. ESA's 2011 President Prize Winners for Primary and Secondary Education will also provide award-winning demonstrations of techniques used in classrooms to teach science through the use of insects.

For more information or if you know a K-12 educator who would like to attend, please contact April, Entomological Foundation, (301) 459-9083 or [april@entfdn.org](mailto:april@entfdn.org)

### Loree Griffin Burns Book Signing ... The Hive Detectives



Loree Griffin Burns will be available at the Entomological Society of America's booth from 11:00 am – noon on Tuesday, November 15 in Reno, Nevada to sign copies of her book "The Hive Detectives: Chronicle of a Honey Bee Catastrophe." Recommended for ages 10 and up, The Hive Detectives explores the interesting lives of these insects and shows what might happen to us if they were gone. A summary of her book can be found at: [http://www.loreeburns.com/books/hive\\_detectives](http://www.loreeburns.com/books/hive_detectives)

More than 1,200 children and educators throughout North America were provided insect science instructional materials by the Foundation since January 1, 2011 to help educators and parents teach students about science through insects. Materials included insect posters, activity sheets, insect fact bookmarks, insect displays, and more. Among all the children reached, 65% are in high school while 35% are in elementary school. If you have materials you would like to share please contact the Foundation's office at 301-459-9083 or [april@entfdn.org](mailto:april@entfdn.org)



## ENTOMOLOGICAL FOUNDATION AWARDS “LUAU”



Limbo with us at the Entomological Foundation's 2011 Awards Luau Reception honoring the Foundation's 2011 Medal of Honor recipient Dr. George Kennedy and our 2011 Professional Award Winners on November 14, 6:30 pm-8:30 pm, at the Atlantis Hotel, Reno, Nevada.

Formerly the Foundation's Awards Dinner, the Foundation's Annual Event pays tribute to individuals who have demonstrated outstanding support and commitment to entomology. It is through our awards that we recognize the special educators and entomologists who have advanced the field of entomology, the science, and the quality of education for our nation's youth.

This FREE event is made possible by the generous support of our Event Sponsors. There will be plenty of hors d'oeuvres, desserts, beverages, and more for all! Door prizes too. Tickets are limited. RSVP by September 30. You may order your free tickets (up to 2 tickets) by sending a note to April at the Foundation's office at [april@entfdn.org](mailto:april@entfdn.org). Please state in your e-mail how many tickets you would like, the e-mail address to send your ticket(s), and a contact phone number.

We hope you will join us on November 14, 2011. The Event has a strong tradition of being the place for entomologists to gather and socialize for a good cause. Come join the fun and celebrate our Medal of Honor recipient Dr. George Kennedy and our 2011 professional awardees. Find out more at <http://www.entfdn.org>



## AWARDS “LUAU” SPONSORSHIP OPPORTUNITY

It is our goal to increase participation and awareness of the Entomological Foundation especially among younger ESA members. Therefore, we are providing the Awards “Luau” Reception free. To meet our goal, sponsorships are needed to help make this a free event.

Sponsorships are recognized on signage at the event, during the ESA Annual Meeting, and in promotional materials on the Foundation's web site, Event Program, and newsletter. Each sponsor will also receive tickets to the Event. Sponsorship of the Event not only covers the cost of the reception, it also assists the Foundation in providing funding for educational programs for young people to promote our next generation of entomologists.

Don't miss out on this opportunity to gain additional recognition and exposure at ESA's Annual Meeting. Sponsorships include the Bronze Sponsor at \$1,000 (4 tickets); the Door Prize Sponsor at \$2,000 (5 tickets), Silver Sponsor at \$5,000 (6 tickets) and the Coral Sponsor (\$100 per ticket). Find out more at <http://www.entfdn.org/awardsreception.htm> or contact April, Entomological Foundation, (301) 459-9083 or [april@entfdn.org](mailto:april@entfdn.org)

Many thanks to our 2010 Event sponsors for their support: BASF Corporation, Clarke Mosquito Control, Dow AgroSciences, Entomological Society of America, FMC Corporation, Dr. Fred Knapp, Dr. Bruce and Mrs. Becky Monke, Dr. Sharron Quisenberry, Trece Incorporated — Bill & Donna Lingren, University of Kentucky – Department of Entomology, and Dr. S. Bradleigh and Mrs. Pat Vinson.

(Festival, continued from page 1)

Additionally, various insect zoos will provide a wide range of insects from around the world for visitors to observe, learn about, and experience firsthand. During 2010, the Festival attracted more than 500,000 people.

If you have educational materials you would like the Foundation to share with participants at the Expo or would like to volunteer at the Event, please contact April, Entomological Foundation, at (301) 459-9083 or [april@entfdn.org](mailto:april@entfdn.org) More information about the event can be found at <http://www.usasciencefestival.org/>



## YOUTH WEBSITE TEACHES INSECT DIVERSITY

Activities for grade 5 will soon be released on the Foundation's Youth Interactive Website. The activities will focus on introducing 5<sup>th</sup> graders to the diversity of insects and the important roles they play in the environment. Currently the site focuses on teaching children in grades 3 and 4 about primary areas of entomology relating to the characteristics of organisms, life cycles, and the relationship of organisms to their environment. The site also contains a section for educators, which includes the national science standards and entomology benchmarks addressed by each activity. At present, the new activities are going through revisions based on pilot test results and should be released this fall.

This program would not have been possible if it were not for the volunteers who helped create the new activities and our funding partners. Many thanks to the Interactive Youth Website Committee members Mary Kroll, Martha Lutz, and Ronda Hamm for their work on the 5<sup>th</sup> grade section as well as Wizzie Brown, Rick Meyer, Andrine Shufran, and Brad Vinson for their expert review of the new activities. Also thank you to our funding partners BASF, Central Life Sciences, Dow AgroSciences, DuPont, Monsanto, and Syngenta for making this program possible.

Since January 1, 2001, the site has had approximately 4,301 visitors, of which 73% are new viewers. The site can be found at <http://www.cipm.info/entfnd/>



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