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# Hexapod Herald

Volume 22

October 2010

Number 5

## WELCOME

New Distance Masters Students –

Fall 2010: **David DeLong**, Red Hill, PA; **Gabriela Harvey**, Cathedral City, CA

Spring 2011: **Rolando Mancha**, El Paso, TX

## CONGRATULATIONS

**Dr. David Carter** was selected as one of the two recipients of the "Recognition of Junior Faculty for Excellence in Research" award presented by the Agricultural Research Division. As part of the recognition, Dave received \$3,000 from ARD to use in his research program or for professional development activities. A special reception to honor Dave was held October 15 in the Nebraska East Union.

**Marissa Young**, accounting technician previously for the AVE Business Center and now for the ASSIST Business Center, received IANR's Office/Service Outstanding Employee Award for September 2010. Marissa received a framed certificate, pin, and monetary award of \$350 and was honored at a department reception on September 30.

Chancellor Harvey Perlman's annual State of the University address and UNL's Employee Service Award recognition program were held September 9 at the Lied Center for Performing Arts. The following employees were honored: **James Brown**, 35 years; **Stephen Spomer**, 30 years; **Dr. Blair Siegfried**, 20 years; **Dr. Marion Ellis**, 15 years; **Dr. Haichuan Wang**, 5 years.

**Dr. Reed Johnson** and his wife, Courtney, are the proud parents of a little boy, Graham Arthur, born October 6. Graham was 9 lbs. (a Husker, for sure) and 22 $\frac{3}{4}$  inches long! Congrats to the Johnson family!



## PUBLICATIONS

Hutchison, W. D., E. C. Burkness, P. D. Mitchell, R. D. Moon, T. W. Leslie, S. J. Fleischer, M. Abrahamson, K. L. Hamilton, K. L. Steffey, M. E. Gray, R. L. Hellmich, L. V. Kaster, **T. E. Hunt, R. J. Wright**, K. Pecinovsky, T. L. Rabaey, B. R. Flood, and **E. S. Raun**. 2010. Areawide suppression of European corn borer with Bt maize reaps savings to non-Bt maize growers. *Science* 330: 222-225.

Lezama-Gutiérrez, R., O. Chávez-Flores, **J. Molina-Ochoa**, C. A. Ángel-Sahagún, G. Reyes-Martínez, y O. Rebolledo-Domínguez. 2010. Uso de hongos *Metarhizium anisopliae*, *Cordyceps bassiana* e *Isaria fumosoroseus* para el control de *Diaphorina citri* (Hemiptera: Psyllidae) sobre limón persa en condiciones de campo. *Entomología Mexicana* 9: 609-613.

**Molina-Ochoa, J.**, F. J. Castillo-Ceja, R. Lezama-Gutiérrez, M. González-Ramírez, C. A. Ángel-Sahagún, y **J. E. Foster**. 2010. Efecto antibiótico del extracto acuoso de neem sobre adultos del

picudo del agave *Scyphophorus acupunctatus* Gyllenhal (Coleoptera: Curculionidae). Entomología Mexicana 9: 614-617.

**Ratcliffe, B. C.** and R.D. Cave. 2010. The Dynastinae (Coleoptera: Scarabaeidae) of the Cayman Islands (West Indies), with a description of *Tomarus adoceteus*, new species (Pentodontini) and *Caymania nitidissima*, new genus and species (Phileurini) from Little Cayman. Insecta Mundi 0139: 1-15.

**Ratcliffe, B. C.** 2010. Research/Curation at Texas A&M University. June 2010.  
<http://www-museum.unl.edu/research/entomology/Mexico-Survey/trips/Texas2010.html>

**Ratcliffe, B. C.** 2010. Research/Curation of Collections in Mexico. August 2010.  
<http://www-museum.unl.edu/research/entomology/Mexico-Survey/trips/Mexico-2010.html>

**Ratcliffe, B. C.** 2010. Beetle Mania: Sunday Afternoon with a Scientist at the State Museum.  
<http://www-museum.unl.edu/research/entomology/Mexico-Survey/education/beetle/mania.html>

**Abstracts of the Annual Conference of the American Society for Horticultural Science:**  
Radillo-Juárez, F., **J. Molina-Ochoa**, M. Bazán-Tene, J. M. González-González, A. Michel-Rosales, and S. Guzmán-González. 2010. Effect of plastic mulching and organic mulching on the yield components and quality of watermelon (*Citrullus lanatus* Schard.) "Royal Flush". HortScience 45(8) Supplement: S250.

**Molina-Ochoa, J.,** F. J. Castillo-Ceja, M. González-Ramírez, J. M. González-González, R. Lezama-Gutiérrez, F. Radillo-Juárez, **J. E. Foster**, and S. Guzmán-González. 2010. Antibiosis of the aqueous extract of neem against agave weevil adults. HortScience 45(8) Supplement: S269-S270.

Radillo-Juárez, F., **J. Molina-Ochoa**, M. Bazán-Tene, J. M. González-González, S. Guzmán-González, and A. Juárez-Mendoza. 2010. Plant by-products as organic mulchings to improve yield and quality of watermelon (*Citrullus lanatus* Schard.) in the Mexican dry tropic. HortScience 45(8) Supplement: S236-S237.

## THIS 'N THAT

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**Twilight on the Tallgrass** - The Spring Creek Prairie Audubon Center hosted its annual Twilight on the Tallgrass event September 18. Several undergraduate and graduate entomology students volunteered at **Dr. Fred Baxendale's** entomology stations: "What's Bugging You?" and "Blacklighting for Insects". **Dr. Dave Taylor's** "Wetland Wonders" station was also well attended by the numerous children and adults who were given the opportunity to experience the diversity of aquatic invertebrates that occur in the creek. Join us next year to enjoy the wonderful scenery and activities out on the tallgrass prairie; the big blue stem (*Andropogon gerardii*) was taller than most people!



Fred Baxendale identifying a captured insect



Blacklighting for insects – looks like fun!

**Dr. Lilian Saldanha** is now Regulatory Affairs and Public Affairs Vice President at **Suzano Papel e Celulose** in Sao Paulo, Brazil. Lilian received her Ph.D. from UNL in 2000, working under the supervision of **Drs. John Foster** and **Sharron Quisenberry**.

**Beetle Mania: Sunday Afternoon with a Scientist at the State Museum** - "Beetle Mania" took over Morrill Hall at the University of Nebraska State Museum August 15 for a presentation for children and families that celebrates the beauty and diversity of beetles and other insects. Visitors had the opportunity to interact with scientists and ask questions about the insects they collect and study from across the globe for purposes of education and biodiversity research. Some children brought their small collection or a "backyard bug" for a scientist to identify. This program was part of the Museum's monthly Sunday with a Scientist series. "Beetle Mania" was led by **Dr. Brett Ratcliffe** (Curator of the Museum's Entomology Research Collections); **Dr. Matthew Paulsen** (Entomology Collections Manager); **Dr. Mary Liz Jameson** (Wichita State University) and her graduate student, **Matt Moore**; **Steve Spomer** (Research Technician, UNL Department of Entomology); and UNL entomology graduate students, **Jesús Orozco** and **Ken Miwa**.

Exhibited were a small selection of the most colorful and striking beetles and other insects from all over the world. Included were large tropical rhinoceros beetles (part of a large National Science Foundation funded project to document rhinoceros beetle diversity in Mexico and Guatemala), metallic wood boring beetles, longhorn beetles, stag beetles, and minute rove beetles. Other insects on display included giant silk moths, metallic blue morpho butterflies, giant spiders, and even insect candy. Specialty exhibits included live insects, insect musicians, and Nebraska's endangered Salt Creek tiger beetle and American burying beetle. A new beetle mania page can be seen at <http://www-museum.unl.edu/research/entomology/Mexico-Survey/education/beetle/mania.html> A special Web page, Scarabs for Kids, was created in May to help youth discover more about beetles: <http://www-museum.unl.edu/research/entomology/Scarabs-for-Kids/scarabs.html>



Steve Spomer with interested entomologists at Beetle Mania



Ken Miwa with an excited entomologist at Beetle Mania

## ***STUDENT NEWS***

**Jessica Jurzenski** has been awarded a Bukey Fellowship in the amount of \$1,000 and an Amanda Heppner Fellowship in the amount of \$2,047 from Graduate Studies for the 2010-2011 academic year. Jessica also received a Research Grant-in-Aid for \$382 from the Center for Great Plains Studies.

**Ralph Narain** will receive an ESA Student Certification Award along with an inscribed plaque and cash prize of \$500 at the ESA Annual Meeting in San Diego, CA in December. Ralph is a Ph.D. student working under the supervision of **Dr. Shripat Kamble**.

The Insect Science Club's annual honey sale will be held November 16-17 on UNL's City Campus and November 16-18 on East Campus. There will be the usual favorites of 8 and 12 oz. bears, 2 and 3 lb. jugs, creamed honey, and comb honey, but there will be lots of new items also, including new lip balm, lotion in pump bottles, soaps, and gift baskets! Watch the mailroom for preorder forms that will be available soon for entomology faculty, staff, and students.

## **G R A N T S**

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### **Fred Baxendale/Tiffany Heng-Moss**

- DuPont ..... \$300  
     *"Turfgrass Pest"*

### **Shripat Kamble**

- FMC Corporation ..... \$8,000  
     *"Ant Research"*
- Dow AgroSciences ..... \$10,000  
     *"Termite Research"*

### **Robert Wright**

- AMVAC Chemical Corporation ..... \$4,000  
     *"Crop Insect Management"*

## **T R A V E L**

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**Dr. Tom Hunt** and **Silvana Moraes** organized and participated in a Round Table Symposia at the Brazilian Entomology Congress in Natal, Brazil entitled "IPM in the Age of Transgenic Crops: Are IPM and Transgenic Technology Compatible or in Conflict?" on September 28. The following week they visited Embrapa Cerrados, Brasilia, where they discussed various pest management topics, and the University of Brasilia, where they made presentations on the role of Bt corn in IPM, and lepidopteran larval survival and implications for pest management.

**Dr. Bob Wright** participated in a meeting as the Entomological Society of America representative to the Advisory Committee for IPM Voice (<http://ipmvoice.org>) on October 4, in Alexandria, VA.

**Dr. Shripat Kamble** attended the regional IR-4 meeting in Brookings, SD, August 30-31, and he also attended the National IR-4 Food Use Workshop on September 12-15, in Summerlin, NV.

**Dr. Brett Ratcliffe** conducted collections research at Texas A&M University in July. Additional research was conducted at the National Collection of Insects at the Autonomous National University of Mexico and the Museum of Natural History, both in Mexico City, and the University of Guadalajara in Guadalajara, Mexico in August.

**Dr. Matthew Paulsen** collected beetles in the southwestern U.S. for two weeks in August.

## **C O N D O L E N C E S**

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Randy Regier, 55, uncle of **Marissa Young**, died October 1 in Aurora, NE. Funeral Services were held October 4 at the Evangelical Free Church in Aurora. Marissa's grandfather, Richard Regier, 84, passed away on October 2 at Henderson. A memorial service was held October 6 at the Bethesda Mennonite Church in Henderson. Our sincerest sympathy is extended to Marissa and her family for the loss of two family members.

## *Calendar of Events*

### **October 26, 2010**

- Entomology Seminar – Kentaro Miwa, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

### **November 2, 2010**

- Entomology Seminar – Travis Prochaska, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

### **November 9, 2010**

- Entomology Seminar – Abdul Hafiz Ab Majid, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

### **November 16, 2010**

- Entomology Seminar – Matthew Yans, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

### **November 17, 2010**

- Entomology Department Meeting, 9:30 a.m., ENTO 214

### **November 23, 2010**

- Entomology Seminar – Julianne Matczyszyn, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

### **November 24, 2010**

- Student Holiday (UNL offices open)

### **November 25 - 28, 2010**

- Thanksgiving vacation (UNL offices closed)

### **November 30, 2010**

- Entomology Seminar – Amy Maile, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

### **December 7, 2010**

- Entomology Seminar – Jesús Orozco, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

### **December 12 - 15, 2010**

- ESA National Meeting, San Diego, CA

### **December 13 - 17, 2010**

- Fall Semester Final Exams

### **December 17, 2010**

- Fall Semester Graduate Commencement and Doctoral Hooding Ceremony

### **December 18, 2010**

- Fall Semester Undergraduate Commencement

### **December 24, 2010 – January 2, 2011**

- Holiday Closedown (UNL offices closed)