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# *Hexapod Herald*

Department of  
Entomology  
Volume 16

October 2004

University of Nebraska -  
Lincoln  
Number 5

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## *Welcome*

**New Distance Master Students:** Fall 2004:  
**Kimberly M. Skyrn**,  
Statesboro, GA;  
**Richard D. Spigler**,  
Nottingham, MD.

**Leonardo Magalhães**  
is a new masters  
student from São  
Paulo, Brazil. Leo  
received his B.S. in  
Agricultural Engineering  
from the Universidade  
Federal de Viçosa. **Drs.**  
**Tom Hunt** and **Blair**  
**Siegfried** will be Leo's  
advisors.

**Elizabeth Rieke** is  
working towards her

### **Fall 2004 Department of Entomology Seminars**

East Campus Union - 3:30 p.m.

#### *The Bees of the World*

#### **October 8**

*Apidae diversity and abundance*  
Aaron Smith, Graduate Student

#### **October 15**

*Reduction and loss of structures*  
Eliseu Pereira, Graduate Student

#### **October 22**

*Sociality in Halictid bees*  
Tim Husen, Graduate Student

#### **October 29**

*Biogeography*

masters degree under the supervision of **Drs. Mary Liz Jameson** and **Brett Ratcliffe**.

Elizabeth, who is from Lincoln, NE, graduated from UN-L this past spring with a B.S. in Biological Sciences.

**Sophie Rochefort**, a Ph.D. student from Laval University, Québec, Canada, is visiting **Dr. Fred Baxendale**'s laboratory from September through mid-November. Sophie will be spending time in the field and laboratory learning new research techniques and methodologies related to turfgrass entomology in Nebraska. She will also continue her research on identifying and characterizing the Collembolla and ground beetles associated with turfgrasses in Canada. In return, Sophie will share her knowledge of turfgrass endophytes and their detection with students and other interested individuals.

**Sajeewani 'Upeka' Samarakoon**, a Fulbright Grant recipient from Sri

Elizabeth Rieke, Graduate Student

**November 5**

*Primitive eusocial bees*

Laura Campbell, Graduate Student

**November 12**

*History of bee classification*

Jeff Krumm, Graduate Student

**November 19**

*Floral relationships with bees*

Sasi Maliphan, Graduate Student

**December 3**

*Pollination biology*

Pete Clark, Graduate Student

**December 10**

*Nest architecture*

Nick Aliano, Graduate Student

## *Faculty News*

**Drs. Fred Baxendale, Lance Meinke, Leon Higley, David Stanley,** and **Tom Hunt** have reached service anniversaries during the 2004 calendar year. There was a 2004 Service Awards Celebration on September 10, 2004, at the Lied Center. Fred and Lance have 20 years of service, Leon and David have 15 years of service, and Tom Hunt has 5 years of service to UN-L.

**Z B Mayo** is serving as Chairperson of the Academic Rights and Responsibilities Committee starting this September and running through early summer 2005.

The 8th annual *Bug Bash*, held

Lanka, is working towards a M.S. degree under the supervision of **Dr. John Foster**. Upeka received her B.S. degree in Zoology from the University of Peradeniya in Sri Lanka.

**Rosana Serikawa**, who was a visiting student from Brazil during the fall of 2003, has returned to pursue a M.S. degree under the supervision of **Dr. John Foster**. Rosana received her B.S. degree in Agronomy from the Universidade Estadual Paulista.

**Aaron Smith** has begun working towards his M.S. degree under the supervision of **Drs. Mary Liz Jameson** and **Brett Ratcliffe**. Aaron received his B.S. in Biology from the University of Texas at Austin.

**Abby Stilwell**, from Casper, WY, is pursuing a masters degree with **Drs. Tom Hunt** and **Bob Wright** as her advisors. Abby received her B.S. in Biology from the University of Wyoming.

September 15 - 18, 2004, introduced 3,575 people to the world of insects in a fun, but education focused program. Eighty-five Science Focus High School participants, along with 75 UN-L faculty, graduate students, and undergraduate students enrolled in Insect Biology, participated as trainers and event presenters to young learners and the public. **Drs. Marion Ellis** and **Tiffany Heng-Moss** were co-coordinators for this event.

## *Grants*

<b>Tiffany Heng-Moss</b>	Industry Research Fund	\$2,500	USGA Resistant Turfgrasses - Chinch Bugs
<b>Lance Meinke</b>	Industry Research Fund	\$5,000	Diabrotica Biology, Ecology, & Mgmt

## *Travel*

**Drs. Mary Liz Jameson** and **Federico Ocampo** and students **Matt Paulsen**, **Shauna Hawkins**, **Aaron Smith** and **Elizabeth Rieke** attended NSF-sponsored PEET meetings at the Illinois Natural History Survey in Champaign/Urbana in mid-September. After that, they studied collections at the Field Museum of Natural History in Chicago.

**Dr. Brett Ratcliffe** conducted research for a day each in the national museums in

## *Publications*

**Park, Youngjin,** Yonggyun Kim, and **David Stanley.** The bacterium *Xenorhabdus nematophila* inhibits phospholipases A2 from insect, prokaryote, and vertebrate sources. *Naturwissenschaften* 91: 371-373.

**Park, Youngjin,** Yonggyun Kim, **Hasan Tunaz,** and **David W. Stanley.** An entomopathogenic bacterium, *Xenorhabdus nematophila*, inhibits hemocytic phospholipase A2 (PLA2) in tobacco hornworms *Manduca sexta*. *Journal of Invertebrate Pathology* 86: 65-71.

## *Congratulations*

The following students graduated in August 2004:

**Nicholas P. Aliano, M.S.** (Advisor: **Dr. Marion Ellis**)

**Wyatt G. Anderson, M.S.** (Advisors: **Drs. Fred Baxendale** and **Tiffany Heng-Moss**)

London and Paris in mid-September.

**Dr. Ken Pruess** attended the Rocky Mountain Conference of Entomologists at Woodland Park, CO on August 1-3, 2004, and presented studies on phylogeny of the black fly genus *Cnephia*.

## *Condolences*

**Dr. Fred Baxendale's** mother, Polly Baxendale, passed away August 12, in Lincoln, NE. Our sincerest sympathy to Fred and his family.

## *From the Office*

### **Funding Opportunity - USDA**

Integrated Pest Management Competitive Grants Program - North Central Region  
[http://www.csrees.usda.gov/funding/rfas/ncipm\\_rfa.html](http://www.csrees.usda.gov/funding/rfas/ncipm_rfa.html)

CFDA Number: 10.500 – Cooperative Extension Service

Letter of Intent: 10/4/04 (required)

Full Proposals: 10/22/04

#09-13-1

For more information, contact the Office of Proposal Development at 2-1808 or [nmeier2@unl.edu](mailto:nmeier2@unl.edu)

**Michelle L. Crawford,**  
M.S. (Advisor: **Dr.**  
**Tiffany Heng-Moss**)  
**Jolene M. Williams,** M.  
S. (Advisor: **Dr. Tom**  
**Hunt**)

**Dr. Odair Fernandes** is  
now Chair of the  
Graduate Committee of  
Agricultural Entomology  
for the Department of  
Plant Protection at  
Paulista State  
University, Jaboticabal,  
São Paulo, Brazil.

There are  
approximately 30  
students in the program  
now which is 16 years  
old and has both M.S.  
and Ph.D. degrees.  
Odair received his Ph.  
D. from UN-L in 1995  
under the supervision  
of **Drs. Z B Mayo** and  
**Bob Wright**.

**Dr. Earle Raun** will be  
bestowed the title of  
2004 Honorary Fellow  
of the Entomological  
Society of America  
(ESA) at the ESA  
Annual Meeting this  
coming November.  
Earle served as Chair  
of the Entomology  
Department from 1966  
to 1971.

**Dr. Scott Hutchins** has  
been elected as Vice

## *Calendar of Events*

### **October 2-7, 2004**

- 4th International Conference of the Society for Vector Ecology, Reno, NV

### **October 13, 2004**

- Entomology Faculty Meeting, 10:30 a.m., 214 PI

### **October 18-19, 2004**

- Fall Break - No classes, office open

### **November 10, 2004**

- Entomology Faculty Meeting, 10:30 a.m., 214 PI

### **November 7-12, 2004**

- Principles and Procedures for Rearing Quality Insects, Mississippi State University, Starkville, MS

### **November 14-17, 2004**

- Annual Meeting of the Entomological Society of America, Salt Lake City, UT

### **November 24, 2004**

- Student Holiday - Office open

### **November 25-28, 2004**

- Thanksgiving Break

### **December 11, 2004**

- Last day of classes

### **December 13-17, 2004**

- First Semester Final Exams

### **December 18, 2004**

- First Semester Commencement

President-Elect of the ESA. Scott is Global Director of Pest Management R&D for Dow AgroSciences in Indianapolis, IN. and has an adjunct appointment in the Entomology Department.

**Dr. David Isenhour** of Monsanto Company in DeKalb, IL, has been designated to the Graduate Faculty of UN-L. David has an adjunct appointment in the Department of Entomology.

The Entomology Department is pleased to announce three new future entomologists: Trevor Jon Darnell, son of C.J. and **Stephanie Darnell**, born July 18, weighing in at 8 lbs., 9oz., and 19 inches long; Belén Victoria, daughter of Victoria and **Fede Ocampo**, born July 30, weighing 6 lbs., 3 oz., and 19½ inches long; and Emma Marie Moss, daughter of Mike and **Tiffany Heng-Moss**, born August 18, weighing 7 lbs., 11 oz., and 19 ½ inches long.

# *Graduate Student News*

**Nicholas Aliano** and **Wyatt Anderson**, who received their M.S. Degrees in Entomology in August, have started their Ph.D. programs this fall. **Dr. Marion Ellis** will continue as Nick's advisor, and **Drs. Fred Baxendale** and **Tiffany Heng-Moss** will be Wyatt's advisors.

**Shauna Hawkins** has received an Ernst Myer Travel Grant for Animal Systematics for \$1,085 from the Museum of Comparative Zoology at Harvard for travel to European museums to study type specimens.

**Nick Aliano** and **Paul Timm** each received a \$2,000 scholarship from the foundation for the Preservation of Honey Bees, a charitable education foundation sponsored by the American Beekeeping Federation.

**Jeff Krumm** has been selected to receive a Widaman Trust Distinguished Graduate



Assistant Award in the amount of \$2,000.

**Nick Aliano** and **Paul Nabity** were each awarded a Farmers National Company Fellowship for 2004-2005, in the amount of \$2,000.

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