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Hexapod Herald

**Department of
Entomology
Volume 17**

February 2005

**University of Nebraska -
Lincoln
Number 1**

[Congratulations](#) [Welcome](#) [Farewell](#) [Faculty News](#) [Grad Student News](#) [From the Office](#)
[Grants](#) [Museum News](#) [Publications](#) [Travel](#) [Condolences](#) [This & That](#) [Hexapod Herald Archives](#)

Welcome

New Distance Masters Students:

Spring 2005: **Paul Bello**, Alpharetta, GA; **Jennifer Johnson**, Arlington, VA;
Kathryn Knapp-Scheck, Rochester, NY; **Alfred Sanchez**, Albuquerque, NM

Sheri Svehla will be pursuing a M.S. degree under the supervision of **Drs. Leon Higley** and **Tom Hunt**. Sheri graduated with a B.S. in Natural Resources in December 2004, with a major in Fisheries and Wildlife and a minor in Insect Science. She is from Friend, NE.

Samuel Martinelli, a Ph.D. student from the Universidade de São Paulo, Paracicaba, Brasil, will be working in **Dr. John Foster's** lab as part of a "sandwich" program. Samuel has completed his coursework for his Ph.D. degree and will conduct research in Dr. Foster's lab through July.

Congratulations

The following students graduated December 2004:

Sean M. Putnam, M.S. (Advisor: **Dr. David Stanley**)

Paula Alves Macedo, Ph.D. (Advisors: **Drs. Jack Campbell** and **Phil Scholl**)

Obdulia Segura-Leon, Ph.D. (Advisor: **Dr. Lance Meinke**)

Dr. Tiffany Heng-Moss was one of eight UN-L IANR faculty to receive a 2004 Omtvedt Innovation Award. "These awards recognize areas of strength and promise within IANR, as well as innovative research and programming by faculty, staff, and students," said John Owens, Vice Chancellor of IANR. There has been a dramatic increase in enrollment in the introductory entomology courses Dr. Heng-Moss revamped, and she developed a distance delivered insect biology course for concurrent credit for high school students. Dr. Heng-Moss was also instrumental in devising a new insect science major available this next fall.

Drs. Stephen Danielson, Tiffany Heng-Moss, and Leon Higley have been recognized as faculty who have "made a difference" in the lives of UN-L students by being awarded a "Certificate of Recognition for Contributions to Students" by the UN-L Teaching Council and the UN-L Parents Association. A reception was held January 21, 2005, honoring the certificate recipients.

Shauna Hawkins received the Outstanding Graduate Student Award from the British Columbia Entomological Society (\$500).

Congratulations to Grandpas **Fred Baxendale** and **Dave Keith**. Fred's daughter, Heather and husband Brian Bohling are the proud parents of son, Tyler Loren, (named for his late grandfather, Loren Dvorak) born January 19, 2005, weighing 7 lbs., 8 ozs., and 20 inches in length. Melissa (Keith) and Shawn Michaud were blessed with a daughter, Polly Jane, on January 16, 2005. Polly (already with a nickname of P.J.) weighed 7 lbs., 7 ozs., and was 20 inches long.

Publications

Osman, Gulsen, Tiffany Heng-Moss, Robert Shearman, P. Stephen Baenziger,

Don Lee, and **Frederick P. Baxendale**. 2004. Buffalograss Germplasm Resistance to *Blissus Occiduus* (Hemiptera: Lygaeidae). J. Econ. Entomol. 97(6): 2101-2105.

Molina-Ochoa, Jaime, James E. Carpenter, Roberto Lezama-Gutiérrez, **John E. Foster**, Martín González-Ramírez, César Andres Angel-Sahagún, and Javier Farías-Larios. 2004. Natural Distribution of Hymenopteran Parasitoids of *Spodoptera Frugiperda* (Lepidoptera: Noctuidae) Larvae in Mexico. The Florida Entomologist, 87 (4): 461-472.

Flannagan, Ronald D., Cao-Guo Yu, John P. Mathis, Terry E. Meyer, Xiaomei Shi, **Herbert A.A. Siqueira**, **Blair D. Siegfried**. 2005. Identification, cloning and expression of a Cry1Ab cadherin receptor from European corn borer, *Ostrinia nubilalis* (Hübner) (Lepidoptera: Crambidae). Insect Biochemistry and Molecular Biology 35: 33-40.

Faculty News

Dr. Tiffany Heng-Moss has received a Big XII Faculty Fellowship Program Award from Academic Affairs for her proposal, "Differential gene expression of susceptible and resistant sorghum to greenbug feeding." The award will provide up to \$2,500 to be applied towards transportation and room and board in support of her visit in May and June 2005, to the USDA-ARS facility affiliated with Oklahoma State University.

Drs. Lance Meinke and **Blair Siegfried** participated in the annual NCR-46 meeting held this year in Beltsville, MD from January 23-25, 2005.

Grants

Tiffany Heng-Moss

Industry Funds

\$2,500 US Golf Association

Shripat Kamble	Bayer Environmental Science Inc.	\$1,000	Urban Entomology - Termite Research
Shripat Kamble	FMC Corporation	\$7,200	Urban Entomology - Termite Research

Dr. Brett Ratcliffe and **Matt Paulsen** will receive \$6,000 from Nebraska Game and Parks Commission's Nebraska Wildlife Grants program towards developing an updated and revised book on the Scarabaeoid Beetles of Nebraska in the *Bulletin of the University of Nebraska State Museum*.

Conference News

The International Conference on *Diabrotica* Genetics was held in Kansas City, MO, December 13-15, 2004. The conference was supported by a USDA NRI grant to Tom Sappinton (USDA-ARS, Iowa State University) and **Dr. Blair Siegfried**, who co-organized the conference. Additional support was obtained from the Science and Technology Office of the French Consulate. The conference brought together approximately 48 scientists from 8 different countries in Europe and North America to discuss recent developments in the genetics of *Diabrotica* spp.

The 13th Annual Nebraska Urban Pest Management Conference was held January 27-28, 2005, in Lincoln, NE. **Dr. Shripat Kamble**, coordinator for the conference, reported a total of 136 pest management professionals were trained emphasizing pest management in and around homes/buildings, stored grain and food processing plants, and public health settings. Two labs were conducted by **Jim Kalisch** and **Bob Roselle** on ants in Nebraska and neighboring states, and wood destroying organisms. The conference had 27 speakers (from industry, universities, consulting companies, and state and federal agencies) who covered 46 pest management topics. Twenty exhibitors displayed the latest pest management products. Thanks to the faculty, staff, and graduate students who contributed to the success of this conference.

Graduate Student News

Wyatt Anderson, Pete Clark, Jeff Krumm, and Bea Siriwetwivat have each been awarded \$500 from the David & Anna Larrick Student Travel Fund. Wyatt will attend the Natural Turfgrass Entomology Workshop meeting in Biloxi, MS, February 20-21, 2005. Pete, Jeff, and Bea's award is to be used to attend the Entomological Society of America North Central Branch meeting at Purdue University in West Lafayette, IN, March 20-23, 2005.

Obdulia Segura-Leon, who graduated in December, has started her new job as a faculty member at the Colegio de Postgraduados in Montecillo Edo. De Mexico.

From the Office

Funding Opportunities.

USDA – Cooperative State Research, Education, and Extension Service FY 2005 Regional Integrated Pest Management Competitive Grants Program <http://fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-121504-001/listing.html>

CFDA Number: 10.200 – Grants for Agricultural Research, Special Research Grants; 10.500 – Cooperative Extension Service. Deadline: 2/18/05 #12-20-20

USDA – Cooperative State Research, Education, and Extension Service, Office of Extramural Programs Special Research Grants Program: Pest Management Alternatives Program <http://fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-122804-001/Grant.html> CFDA Number: 10.200 – Grants for Agricultural Research, Special Research Grants. Deadline: 2/28/05 #1-10-2

USDA – Cooperative State Research, Education, and Extension Service, Office of Extramural Programs Integrated Research, Education, and Extension Competitive Grants Program-Integrated Pest Management <http://fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-122804-003/Grant.html> CFDA Number: 10.303 – Integrated Programs. Deadline: 3/7/05 #1-10-3 For more information, contact Nathan Meier (2.1808/nmeier@unl.edu)

Transportation Services announces rate increases. Effective January 1, 2005, the monthly vehicle rental rate increased \$10 per month and the daily vehicle rental rate increased \$1 per day. Also, the personal vehicle reimbursement rate increased to \$.405 per mile. To access the new rental rates see <http://transportation.unl.edu/vrates.html>. Reminder: When traveling distances greater than 70 miles per day it remains less expensive for departments to rent vehicles from Transportation Services than to reimburse employees for personal vehicle use.

Departmental Forms. Be sure to check out the Entomology Department website for all your departmental form needs. Just a few of the forms you can find there include the Employee Expense Voucher, Faculty/Staff Leave Request, and Purchasing Card Transaction Voucher. Just go to the Department Introduction Page and click on Departmental Forms. Voilà -forms at your fingertips.

Rachel Meinke has started a stamp collection and is looking for all kinds of stamps. If you have any cool stamps to donate, there will be an envelope in the mailroom marked "Rachel's Stamps". Thanks from Rachel, Mom Lisa and Dad Lance.

Calendar of Events

February 16, 2005

- Entomology Faculty Meeting, 9:30 a.m., 214 PI

February 26, 2005

- Beginning Beekeeping Workshop, North Platte, NE

February 27-March 2, 2005

- Annual Meeting of the Pacific Branch of the Entomological Society of America, Monterey, CA

February 28-March 3, 2005

- Annual Meeting of the Southwestern Branch of the Entomological Society of America, Albuquerque, NM

March 3-9, 2005

- Annual Meeting of the Southeastern Branch of the

Entomological Society of America,
Tunica, MS

March 12, 2005

- Beginning Beekeeping
Workshop, Lincoln, NE

March 13-20, 2005 (Sun. through
Sun.)

- Spring Vacation (No classes,
office open)

March 16, 2005

- Entomology Faculty Meeting,
9:30 a.m., 214 PI

March 20-22, 2005

- Annual Meeting of the Eastern
Branch of the Entomological
Society of America, Harrisburg, PA

March 20-23, 2005

- Annual Meeting of the North
Central Branch of the
Entomological Society of America,
West Lafayette, IN

April 9, 2005

- Beginning Beekeeping
Workshop, Mead, NE

April 20, 2005

- Entomology Faculty Meeting,
9:30 a.m., 214 PI

April 23, 2005

- 81st Annual Meeting of the
Kansas Entomological Society,
Lawrence, KS

April 25-30, 2005

- Last week of classes

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Send items of interest for the next issue of the Hexapod Herald to JCUNNINGHAM1@UNL.EDU

