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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

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

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

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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