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Hexapod Herald

Department of
Entomology
Volume 18

April 2006

University of Nebraska -
Lincoln
Number 2

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Welcome

New Distance Masters Students:

Summer 2006: **Ryan Evans**, Greeley, CO; **Jennifer Johnson**, Boulder, CO; **Juan Rodriguez**, Coral Springs, FL.



Dr. Gary J. Brewer will be returning to UNL this fall as Head of the Entomology Department. Dr. Brewer has been at North Dakota State University since 1985 and is presently Chair of the Entomology Department at NDSU. He received his B.S. in Zoology in 1974 and his M.S. degree in Entomology in 1978, both from UNL, and his Ph.D. in Entomology from Kansas State University in 1984. Dr. John Owens, UNL Vice President and Vice Chancellor of the Institute of Agriculture and Natural Resources stated, "The IANR Deans and I

are delighted Dr. Brewer, who is an accomplished faculty member and successful academic administrator, will be joining the UNL faculty and providing leadership for one of our strongest and most successful academic departments." **Dr. Fred Baxendale** has been serving as the interim department head.

Congratulations

Dr. Leon Higley has been awarded the 2006 CASNR Distinguished Teaching Award. This honor carries with it a cash award of \$1,000. Leon was formally recognized and received an engraved medallion and certificate at the Recognition of Rising Scholars Honors Convocation at the Lied Center on April 23, 2006.

Dr. Tiffany Heng-Moss has been promoted to Associate Professor and granted continuous appointment (tenure). There was a celebration dinner at the Champion's Club on April 26, 2006, honoring those being promoted and/or granted tenure.

Tim Husen was one of 3 students recognized for submitting an outstanding poster to the 2006 Research Fair Poster Competition in the Biological and Agricultural Sciences Division. He received a check for \$50 and an invitation to attend the April 19, 2006 Sigma Xi Awards Banquet as a guest of the society. The title of his poster was "A Micro-Morphological and Molecular Characterization of Subterranean Termites in Nebraska."

Meeting News

The 61st Annual Meeting of the North Central Branch of ESA was held March 26-29, in Bloomington, IL. **Dr. Leon Higley** received the C. V. Riley Award for "outstanding contributions to the science of entomology." He was introduced by UNL Entomology graduate student, **Tim Huntington**.

Dr. Gary Hein was installed as the 2006-2007 NCB President. **Dr. Marion Ellis** will be the Program Chair for the 2007 meeting in Winnipeg, Manitoba, March 25-28. **Dr. Shripat Kamble** was elected as an Executive Member-at-Large of the NCB.

Dr. Shripat Kamble organized and moderated the symposium, "Urban Entomology Research and Outreach Programs in the North Central Region."

Dr. Ken Pruess and **Dr. John Foster** received pins for 50 and 40 years, respectively, of membership in ESA, presented by Paula Lettice, ESA Executive Director.

The UNL Entomology Department Linnaean Team reached the finals of the NCB contest, and played an exciting final against North Dakota State University. Despite leading most of the first half of the game, Nebraska was overcome by a late surge by the NDSU team and finished as the runnerup to NDSU. Both teams will receive funding from ESA to attend compete in the Linnaean Games at the ESA meeting this December. Coaches **Drs. Ken Pruess** and **Bob Wright** were very proud of the efforts of our team-- **Mike Fisher, Tim Husen, Eliseu Pereira, and Matt Brust.**



Publications

Angel-Sahagún, C.A., R. Lezama-Gutiérrez, **J. Molina-Ochoa**, E. Galindo-Velasco, M. López-Edwards, O. Rebolledo-Domínguez, C. Cruz-Vázquez, W.P. Reyes-Velázquez, **S.R. Skoda**, and **J.E. Foster**. 2005. Susceptibility of biological stages of the horn fly, *Haematobia irritans*, to entomopathogenic fungi (Hyphomycetes). *Journal of Insect Science* 5:50.

Caprio, Michael A., **Tim Nowatzki**, **Blair Siegfried**, **Lance J. Meinke**, **Robert J. Wright**, and Larry D. Chandler. 2006. Assessing Risk of Resistance to Aerial Applications of Methyl-Parathion in Western Corn Rootworm (Coleoptera: Chrysomelidae). *J. Econ. Entomol.* 99(2): 483-493.

Kirk, D.D., K. McIntosh, A.M. Walmsley, and **R.K.D. Peterson**. 2005. Risk analysis for plant-made vaccines. *Transgenic Research* 14(4): 449-462.

Macedo, T.B., P.A. Macedo, R.K.D. Peterson, D.K. Weaver, and W.L. Morrill. 2005. Rearing the wheat stem sawfly, *Cephus cinctus* Norton, using an artificial diet. Canadian Entomologist 137(4): 497-500.

Macedo, T.B., R.K.D. Peterson, D.K. Weaver, and W.L. Morrill. 2005. Wheat stem sawfly, *Cephus cinctus* Norton, impact on wheat primary metabolism: an ecophysiological approach. Environ. Entomol. 34(3): 719-726.

Nansen, C., **T.B. Macedo,** D.K. Weaver, and **R.K.D. Peterson.** 2005. Spatio-temporal distributions of wheat stem sawfly, *Cephus cinctus* Norton, eggs and larvae in dryland wheat fields. Canadian Entomologist 137(4): 428-440.

Peterson, R.K.D. 2005. Comparing ecological risks of pesticides: the utility of a risk quotient ranking approach across refinements of exposure. Pest Manag Sci 62(1): 46-56 (DOI: 10.1002/ps. 1126).

Peterson, R.K.D. and L.M. Shama. 2005. A comparative risk assessment of genetically engineered, mutagenic, and conventional wheat production systems. Transgenic Research 14(6): 859-875.

Peterson, R.K.D., S.E. Sing, and D.K. Weaver. 2005. Differential physiological responses of Dalmatian toadflax, *Linaria dalmatica* (L.) Miller, to injury from two insect biological control agents: implications for decision-making in biological control. Environ. Entomol. 34(4): 899-905.

Sing, S.E., **R.K.D. Peterson,** D.K. Weaver, R.W. Hansen, and G.P. Markin. 2005. A retrospective analysis of known and potential risks associated with exotic toadflax-feeding insects. Biological Control 35(3): 276-287.

Conference Proceedings:

Carter, D.O., D. Yellowlees, and M. Tibbett. 2006. The composition and succession of soil microbial communities following cadaver (*Rattus rattus* L.) burial. Proceedings of the 58th Annual Meeting of the American Academy of Forensic Sciences, 12:245.

Carter, D.O., T.E. Huntington, L.G. Higley, and **T.O. Powers.** 2006. Nematode community dynamics associated with cadaver (*Sus scrofa* L.) decomposition and insect activity on the soil surface. Proceedings of the 58th Annual Meeting of the American Academy of Forensic Sciences, 12:246.

Do you know someone who's thinking about college? Do you know someone who may be interested in entomology or agriculture as a career? The Department's undergraduate Insect Science or Diversified Agriculture majors are looking for interested students. If you know of a student that would like more information on either major, send their name and contact information to Lisa Silberman, lsilberman1@unl.edu

Travel

Dr. Bob Wright participated in the annual meeting of the USDA-CSREES regional committee on IPM, NCR 201, on April 3, 2006 in St. Louis, MO. Bob was elected Chair-Elect of the committee.

Dr. David Carter and **Tim Huntington** participated in the 58th Annual Meeting of the American Academy of Forensic Sciences in Seattle, WA from February 20-25, 2006.

Faculty and graduate students participating in the 5th National IPM Symposium in St. Louis, MO on April 4-6, included **Drs. John Foster, Gary Hein, Leon Higley, Phyllis Higley, Tom Hunt, Short Heinrichs**, and graduate students, **Tierney Brosius, Mike Fisher, Leo Magalhaes, and Sheri Svehla**.

Graduate Student News

Analiza Alves received a \$200 Swenk Fund Travel Support Award to attend the XXI Congresso Brasileiro de Entomologia in Recife, Brazil, August 6-11, 2006. Analiza was also awarded \$500 in travel funds from the Initiative for Ecological and Evolutionary Analysis (IEEA) at UNL.

Tierney Brosius and **Sheri Svehla** were each awarded \$150 from the Swenk Fund to attend the S-1010 Meetings in St. Louis, MO, April 1-5, 2006.

Mathew Brust, Michael Fisher, Tim Husen, and Eliseu Pereira each received a \$200 Swenk Fund Travel Support Award to attend the NCB ESA Meeting in Bloomington, IL on March 26-29, 2006. **Upeka Samarakoon, Rosana Serikawa, and Bea Siritwetwivat** were each awarded \$150 to attend the NCB ESA Meeting.

Newly elected Bruner Club Officers are: President - **Analiza Alves**, Vice President - **Laura Campbell**, Secretary - **Andrea Gutsche**, Treasurer - **Chelsey Wasem**, and Student Representative - **Nick Aliano**. **Dr. Blair Siegfried** was elected as the faculty representative/advisor.

Be sure to check out the Department of Entomology's website for the new Awards section. Just click on the Department Introduction Page, then Departmental Awards. Remember also for all your University form needs, use our Departmental Forms section, which is conveniently located right below the awards link! The forms can be filled out on-line, printed off, signed, and then handed in to the Main Office.

Calendar of Events

May 1-5, 2006

- Second Semester Final Exams

May 2, 2006

- Scientific Illustration Portfolio Show - ENTO 896J, 2:00 - 4:00 p.m., 204 PI

May 6, 2006

- Second Semester Commencement

May 15, 2006

- Classes begin for Pre-Session and Eight-Week Session

May 16, 2006

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

May 29, 2006

- Memorial Day Holiday - No classes and offices closed

June 2, 2006

- Classes end and Final Examinations for Pre-Session

June 5, 2006

- Classes begin for the First Five-Week Session

June 22-24, 2006

- Master Beekeeping Workshop at ARDC

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Send items of interest for the next issue of the Hexapod Herald to
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