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## Hexapod Herald- Volume 23 Number 1 January 2011

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# Hexapod Herald

Volume 23

January 2011

Number 1

## WELCOME

New Distance Masters Students – **Hayley Dikeman**, Tulsa, OK; **Jill Heade**, San Bruno, CA; **Christopher Hohnholt**, Houghton, MI; **Joshua Kenesky**, Willoughby, OH; **Emily Kniep**, Boise, ID; **Philip Nesse**, Brainerd, MN; **Robert Phillips**, Jackson, MO; **Edward Summers**, Longmont, CO; **Patricia Susman**, Grand Junction, CO

## CONGRATULATIONS

The following students graduated December 2010:

**Sek Yee Tan**, Ph.D. (Advisor – **Dr. Blair Siegfried**)

**Jeffrey Belmont**, B.S. in Insect Science (and Biological Sciences)

### ESA Meeting News

The Linnaean Team finished second in the team competition. Team members were **Tim Husen**, **Ken Miwa**, **Jess Jurzenski**, **Erica Lindroth** and **Wayne Ohnesorg**, and coaches, **Drs. Bob Wright** and **Ken Pruess**.

**Ralph Narain** received the ESA Student Certification Award for 2010.

**Ryan Geisert** was awarded 1<sup>st</sup> Place in the Student M.S. student poster competition. **Silvana Moraes**, **Ken Miwa**, **Beth Teeters**, and **Jess Jurzenski** all received 2<sup>nd</sup> place in the Ph.D. student poster competition.

UNL received the second most student competition awards of any university.

**Dr. Sharron Quisenberry** was elected an honorary member of the ESA for 2010. Dr. Quisenberry was department head at UNL from 1995 to 1999 and is now vice president for research and economic development at Iowa State University.

## PUBLICATIONS

**Paulsen, M. J.** 2010. The stag beetles of southern South America (Coleoptera: Lucanidae). Bulletin of the University of Nebraska State Museum 24: 1-148.

**Ratcliffe, B. C.** and J. P. Saltin. 2010. *Homophileurus neptunus* Dechambre, a new junior synonym of *H. waldenfelsi* Endrödi (Coleoptera: Scarabaeidae: Dynastinae: Phileurini). Insecta Mundi 0146: 1-5.

**Ratcliffe, B. C.** 2010. *Gorditus rotundus*, a new genus and species of Pentodontini from Cuba (Coleoptera: Scarabaeidae: Dynastinae). Zootaxa 2683: 56-60.

**Wright, R. J. , G. L. Hein, W. W. Hoback** and A. Pavlista. 2010. Biology and management of potato insects, EC 1565, University of Nebraska-Lincoln Extension. Available online at <http://www.ianrpubs.unl.edu/epublic/live/ec1565/build/ec1565.pdf>

Zhang, C., **J. D. Bradshaw**, S. A. Whitham, and J. H. Hill. 2010. The development of an efficient multi-purpose BPMV viral vector set for foreign gene expression and RNA silencing. Plant Physiology. DOI:10.1104/pp.109.151639

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

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- Fred Baxendale/Tiffany Heng-Moss**
- Marrone Bio Innovations..... \$6,000  
    *"Turfgrass Pest"*
  - PBI Gordon ..... \$16,500  
    *"Turfgrass Pest"*
- Jeffrey Bradshaw** (total \$2,140,109 with 13 Co-PIs)
- ASDA-NIFA-RAMP .....\$159,998  
    *"iWheat: A Web-based IPM Information and Delivery System to Unify Reduced Risk Management Strategies for Winter Wheat in the Central and Southern Plains"*
- Jeffrey Bradshaw**
- Western Sugar Cooperative..... \$7,000  
    *"Herbicide Plant Stress and Its Effect on Root Aphids"*
  - Western Sugar Cooperative..... \$15,000  
    *"Sugarbeet Resistance to Sugarbeet Root Aphids"*
  - USDA-SCRI (subaward – 9 Co-PIs) ..... \$5,000  
    *"Technology Transfer and the Potato Psyllid"*
- Jeffrey Bradshaw/Bob Harveson**
- USDA-SCRI.....\$180,000  
    *"Development of an Integrated Research and Management Program for Zebra Chip of Potato"*
- Jeffrey Bradshaw/Bob Harveson/Gary Hergert**
- Nebraska Dry Bean Commission (a couple of related grants)..... \$9,000  
    *"Host Plant Resistance in Dry Edible Beans"*
- Daniel Claes (A&S), **Tiffany Heng-Moss** (CASNR), Elizabeth Lewis (TLTE), Jon Pedersen (TLTE)
- National Science Foundation ..... \$1,194,387  
    *"UNL Science Scholars Program"*
- John Foster**
- Dow AgroSciences ..... \$5,000  
    *"Host Resistance"*
  - USDA ..... \$30,000  
    *"Genetic Variability of Domesticated and Natural Spined Soldier Bugs"*
- Lance Meinke**
- AMVAC Chemical Corporation ..... \$4,000  
    *"Biology, Ecology, and Management of Diabrotica"*

## **F A C U L T Y N E W S**

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**Dr. Nick Miller** is one of fifteen UNL faculty members selected for the 2011 Research Development Fellows Program, an initiative to help pre-tenure faculty successfully compete for grants.

## **S T U D E N T N E W S**

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The following students received travel support from the Swenk Fund in the Entomology Department for attending the National ESA meeting in San Diego, CA, December 12-15, 2010: **Jessica, Jurzenski,**

**Erica Lindroth, Julianne Matczyszyn, Kentaro Miwa, Ralph Narain, Khanobporn Tangtrakulwanich, and Ana Maria Velez.**

**Beth Teeters** has been awarded a scholarship in the amount of \$2,000 from the Foundation for the Preservation of Honey Bees, Inc. She submitted a research proposal to the foundation discussing work done using EthoVision to monitor sublethal effects of pesticides on honey bees as well as future activities. As part of the scholarship award, she will give a presentation in January at the American Bee Research Conference in Galveston, TX and will also present her poster, "Bees under surveillance: using video-tracking to monitor honey bee activity after sublethal exposure to pesticides."

## *T R A V E L*

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**Dr. Jeff Bradshaw** gave the invited presentation, "Insects, plant disease, and ecology" at South Dakota State University and Colorado State University. Jeff also participated in the NCERA-213 meeting in Washington, D.C., where he gave the presentation, "Construction of an insect tower trap" and was elected as Secretary-Treasurer for 2011. And last, but not least, Jeff gave a presentation in Dallas, TX for the SCRI grant progress meeting concerning Zebra Chip disease and potato psyllids in potato.

**Dr. David Stanley** just returned from China, where he gave lectures at the Chinese Academy of Sciences in Shanghai, Zhejiang University in Hangzhou, and the Chinese Academy of Agricultural Sciences in Beijing.

## *M E E T A N O F F - C A M P U S S T U D E N T*

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Off-Campus Student - **Denise VanRoekel**

My name is Denise VanRoekel and I live in Sioux Falls, SD. I am the mother of three wonderful boys that keep me beyond busy, and I have a wonderful boyfriend that is a professor of business at USD. I work for the City of Sioux Falls Health Department overseeing the mosquito control program as well as any other "creepy-crawlies" that no one wants to deal with! I received my undergraduate degree in biology at the University of Minnesota, Morris in 2002 (non-traditionally) and originally had intentions of becoming an optometrist. At that time, I had three babies and didn't know how grad school would ever work. My advisor at the time was an entomologist - she was great. I took every class she taught and completely fell in love with bugs! I wanted to pursue entomology, but had no idea how to make that happen until I came across the UNL distance program. It could not work more perfectly for me! I am thrilled to have the opportunity to further my education and work with such a great group of people! I am not sure exactly what doors my masters degree will open for me, but come May I will complete my coursework and will see what comes next! I am hoping to begin some work in scientific illustration on the side and would love to try my hand at teaching a bit too.



## *T H I S ‘ n T H A T*

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**Dr. Sharron Quisenberry** along with her husband, Dr. Larry Quisenberry, was recognized as a Truman State University 2010 Alumni of the Year during homecoming weekend, October 15-17, 2010.

**Dr. Michael Scharf** has been appointed as the first O. Wayne Rollins/Orkin Endowed Chair in Urban Entomology at Purdue University. The chair was funded with a \$1.5 million gift from the O. Wayne Rollins Foundation, established by and named for the late owner and president of pest control leader, Orkin.

## *Calendar of Events*

**January 10, 2011**

- **Second Semester Classes Begin**

**January 17, 2011**

- **Martin Luther King Day (Student and Staff Holiday)**

**January 18, 2011**

- **Entomology Seminar – Dr. David Taylor, Research Entomologist, USDA-ARS Agroecosystem Research Unit, UNL  
4:00 p.m., Nebraska East Union**

**January 24, 2011**

- **Entomology Department Meeting, 2:30 p.m., ENTO 214**

**January 25, 2011**

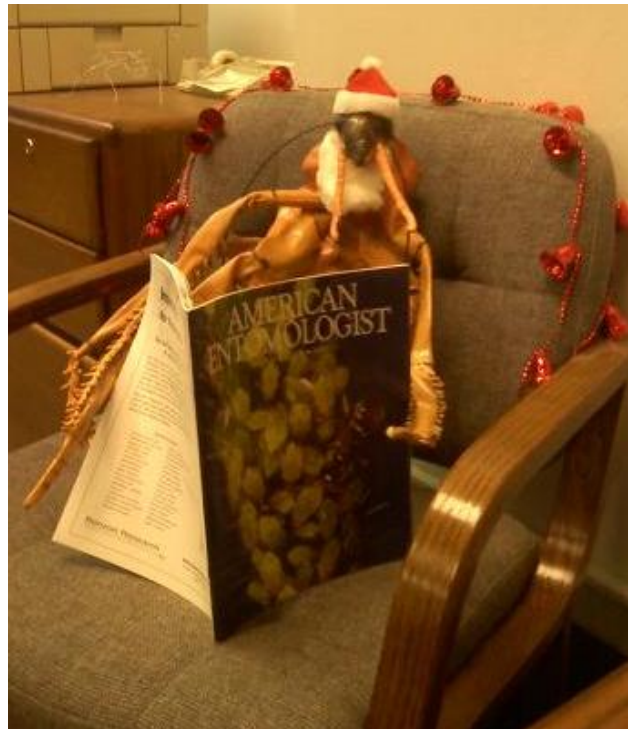
- **Entomology Seminar – Dr. Ryan Bickel, School of Biological Sciences, UNL  
4:00 p.m., Nebraska East Union**

**February 7-8, 2011**

- **19<sup>th</sup> Annual Urban Pest Management, The Cornhusker-Marriott Hotel, Lincoln, NE**

**February 28, 2011**

- **Entomology Department Meeting, 2:30 p.m., ENTO 214**



Entomology Department mascot, Bug Red  
Photo and mascot name courtesy of Travis Prochaska