

# Hexapod Herald

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## WELCOME

New Distance Masters Students:

Fall 2009: **Lesley Beattie**, Exeter, UK; **Louise Lynch**, Maplewood, NJ; **Daniel McCoy**, Kansas City, MO; **Nicholas Paquette**, Matthews, NC; **Aleah Pullins**, Bloomington, MI; **Michael Rietz**, Ann Arbor, MI; **Erich Zinser**, Portage, MI

Spring 2010: **Ayanna Laney**, Willow Grove, PA

**Wan "Zaki" Wan Mamat** is a new doctoral student who will be co-advised by **Drs. Shripat Kamble** and **Tom Hunt**. Zaki received his B.S. degree in aquatic biology in 2005 and his M.S. degree in Applied Entomology in 2008, both from the Universiti Sains Malaysia.



## GRANTS

### Fred Baxendale /Tiffany Heng-Moss

- Syngenta. .... \$8,000  
    *" Turfgrass Pest"*
- Scotts Company. .... \$23,000  
    *" Turfgrass Pest"*
- Arysta LifeScience. .... \$5,000  
    *" Turfgrass Pest"*

### Shripat Kamble

- Syngenta. .... \$13,600  
    *" Urban Entomology – Ant Research"*

### Lance Meinke

- Pioneer Hi-Bred International, Inc. .... \$110,124  
    *"Evaluating Effectiveness of Optimum AcreMax Corn Rootworm Refuge under Diverse Conditions"*
- Agrigenetics, Inc. .... \$12,000  
    *"2009 Smartstax Regulated Corn Rootworm Efficacy Trial"*
- Pioneer Hi-Bred International, Inc. .... \$7,535  
    *"2009 University Protocol for Evaluating Field Efficacy of Herculex XTRA Deployed with Blended Refuge Against Corn Rootworm"*
- Dow AgroSciences ..... \$4,000  
    *" Corn Rootworm Biology and Ecology"*

### Blair Siegfried

- USDA-ARS. .... \$51,230  
    *"Western Corn Rootworm Mapping Families and BAC Library Screening"*

### Robert Wright

- Syngenta ..... \$25,000  
    *"Insect Management Industry"*
- BASF ..... \$5,000  
    *"Crop Insect Management Research"*
- Bayer. .... \$3,000  
    *"Crop Insect Management Research"*

# ***PUBLICATIONS***

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Cave, R. D. and **B. C. Ratcliffe**. 2009. Sondeo biótico e inventario de los escarabajos dynástinos de Mesoamerica, Norteamérica y las Antillas: un proyecto multinacional a largo plazo. Cuadernos de Biodiversidad No. 29:5-13.

**Davis, Robert W.** and **Shripat T. Kamble**. 2009. Distribution of Chlorpyrifos and a Water-Soluble Dye Affected by Rodding Tips and Soil Types Following Subsoil Applications to Control Subterranean Termites (Isoptera: Rhinotermitidae). *Sociobiology* 54(1): 175-198.

Grossi, P. C. and **M. J. Paulsen**. 2009. Generic limits in South American stag beetles: taxa currently misplaced in *Sclerostomus* Burmeister (Coleoptera: Lucanidae: Lucaninae: Sclerostomini). *Zootaxa* 2139:23-42.

**Jameson, M. L.** and **B. C. Ratcliffe**. 2009. Revision of the genus *Chalcasthenes* Arrow (Scarabaeidae: Dynastinae: Oryctoderini) from the Solomon Islands. *Journal of the Australian Entomological Society* 48(2):149-163.

**Stamm, Mitchell D.** and **Frederick P. Baxendale**. 2009. Managing ants on golf courses. UNL Extension NebGuide G1959 <http://www.ianrpubs.unl.edu/sendIt/g1959.pdf>

**Wright, R. J., T. A. DeVries and J. Kalisch**. 2009. Alfalfa Insects I, UNL Extension Circular 1576. <http://www.ianrpubs.unl.edu/sendIt/ec1576.pdf>

**Wright, R. J., T. A. DeVries and J. Kalisch**. 2009 Alfalfa Insects II, UNL Extension Circular 1577. <http://www.ianrpubs.unl.edu/sendIt/ec1577.pdf>

**Wright, R. J., T. A. DeVries and J. Kalisch**. 2009. Beneficial Insects I, UNL Extension Circular 1578. <http://www.ianrpubs.unl.edu/sendIt/ec1578.pdf>

**Wright, R. J., T. A. DeVries and J. Kalisch**. 2009. Beneficial Insects II, UNL Extension Circular 1579. <http://www.ianrpubs.unl.edu/sendIt/ec1579.pdf>

*Check out the Department of Entomology page on Facebook!*

*Department of Entomology, University of Nebraska - Go Huskers! Come, meet old friends, and talk bugs! Go to: <http://www.facebook.com/pages/Department-of-Entomology-University-of-Nebraska-Go-Huskers/75295812835?ref=ts> and become a fan.*

# ***STUDENT NEWS***

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**Ken Miwa** has received a David H. & Annie E. Larrick/William G. Whitmore Memorial Travel Award in the amount of \$500 to attend the ESA annual meeting in Indianapolis IN in December. Ken will receive his masters degree in August under the supervision of **Dr. Gary Brewer** and will continue on in the Ph.D. program under the supervision of **Dr. Lance Meinke**.

**Dori Porter** has been awarded the Mary and Charles C. Cooper/Emma I. Sharpless Fellowship in the amount of \$3,000 for 2009-2010. Dori is a masters degree student working under the supervision of **Drs. Marion Ellis** and **Bob Wright**.

**Amy Maile**, a new masters degree student starting this fall, has received the Mary and Charles C. Cooper/Emma I. Sharpless Fellowship in the amount of \$3,000 for 2009-2010. Amy will be working under the supervision of **Dr. David Carter**.

**Dori Porter** and **Ken Miwa** were elected as associate members in the Sigma Xi Scientific Research Society by the University of Nebraska Chapter.

**Jeffrey Belmont**, an insect science major, was awarded \$2,500 funding for 2009-2010 from ARD for his Honors Student Undergraduate Research project entitled, "Characterization of a Pathogenic *Emericella nidulans* Isolate."

**Tim Husen** has been awarded a Milton E. Mohr Fellowship in the amount of \$1,000 from the Center for Biotechnology. Tim is in the Ph.D. program under the supervision of **Dr. Shripat Kamble**.

Insect science majors, **Jeffrey Belmont**, **Rachael Fithian**, and **Ransom Sitz** have each received a Milton E. Mohr Scholarship from the Center for Biotechnology in the amount of \$1,000.

UCARE awards for 2009-2010 have been given to students listed below, along with their adviser and the amount of the award:

<b>Rachael Fithian</b>	<b>Dr. Fred Baxendale</b>	\$2,000 (year 1)
<b>Samantha Hiemer</b>	<b>Dr. Blair Siegfried</b>	\$2,400 (year 2)
<b>Andrea Rieger</b>	<b>Dr. David Carter</b>	\$2,000 (year 1)
<b>Sara Pritchard</b>	<b>Dr. Gary Brewer</b>	\$2,000 (year 1)
<b>Ransom Sitz</b>	<b>Dr. Tiffany Heng-Moss</b>	\$2,400 (year 2)

## ***MEET A DISTANCE STUDENT***

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### Distance M.S. Student – **Noel Adams**

Like many students, I had great aspirations when I first started college in 1992. My dream was to be marine biologist and study sharks. I soon realized that I didn't have the patience to sit in a class and be lectured to. Through the years, I continued to take classes at the community college here and there, but nothing really too consistent. I believe it was Fall of 2005 I decided to get serious about life and finish school. I was taking a trigonometry class and was not doing very well in it. I felt very disappointed, lost, and especially confused. If I was not going to be a marine biologist, then what was I going to be? I remember what happened next just like it was yesterday. I told Chris, my husband, that apparently I was too stupid to figure out trigonometry. His response was life changing. In a very matter-of-fact tone, he informed me the reason I was having a problem was because I wasn't doing what I was supposed to be doing. Chris said I should be a park ranger. Now I have no idea where this idea of park ranger came from, but I thought about it and decided why not. I looked into the requirements for being a park ranger and did some research on schools that offered degrees in Park and Recreation. I found out that Northern Arizona University offered a B.S. in Park and Recreation, and it was all online. I applied and was accepted. All but one of my classes was transferable, and I began school the Spring of 2006. In 2007, I graduated Cum Laude with my B.S. in Park and Recreation.



I had been volunteering at Cabrillo National Monument which is part of the National Park Service for a little over a year. I was able to make some great contacts, and I already knew that I wanted to be a law enforcement park ranger. Luckily for me, I timed everything perfectly. Congress decided that they were going to give the NPS extra money to get ready for the Park Service Centennial. I was already going to ranger academy to get my credentials to be a law enforcement park ranger and the park said they would hire me after I went to academy, so I had a job already lined up.

But even though everything was going well, I still wasn't satisfied. I decided that I wanted to continue my education. I was not sure in what, but I since I did so well with distance learning, I decided that would be the best thing for me. I looked at other schools and was very close to going to Slippery Rock in Pennsylvania to get a masters degree in Park and Resource Management. Somehow, somewhere in

my search for schools, I came across the UNL distance learning website. I am not sure how I got to the entomology section, but somehow I got there. I decided this might be what I have been looking for.

I am now starting my second year in the program and absolutely love it. Everywhere I go I have empty vials in my pockets and my insect net in my car, because there is always something to catch. People think I am crazy, but I tell that to me entomology is like an exciting treasure hunt, you never know what type of insect is going to be staring back at you. I should graduate in a year, and because I work for the National Park Service, I have been given a wide variety of opportunities. I just got back from Beatrice, NE, where I attended a class on Integrated Pest Management for the National Park Service. I am now the Cabrillo National Monuments IPM Coordinator, and in less than a month if everything goes well, I will be going to D.C. to work with the Service wide IPM Coordinator for the National Park Service. Doors are constantly being opened, and life is really good.

In addition to working at Cabrillo, I volunteer in the Entomology Department at the San Diego Natural History Museum. The museum has made a world of difference with my education, as it gives me the hands-on experience that distance learning does not provide.

The key to success in this and any field is that it is not necessarily always what you know, but who you know. Networking is incredibly important; getting that face time with a person that could potentially hire you in the future is probably the most important thing that you can do to ensure a happy and prosperous future.

## ***FROM THE OFFICE***

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On May 26, 2009 Nebraska legislation (LB 533) went into effect that requires additional supporting documentation for employee expense reimbursements. As of May 27, 2009, detailed receipts are now required for all food/meal expenses equal to or greater than \$5.00. In addition, expense reimbursement requests must be submitted no later than sixty days after the final day on which expenses were incurred. Each request must be fully itemized, including the amount, date, place, and essential character of the expense incurred. If you have any questions, please call Accounting at 472-2881.

## ***CONDOLENCES***

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**Dr. Earle Raun**, 84, died July 6, 2009 in Lincoln, NE. Earle received his B.S. in 1946; his M.S. in 1950; and his Ph.D. in 1954, all in entomology from Iowa State University. From 1983 to the present, Earle was the owner and operator of Pest Management Company. Earle was a Board Certified Entomologist and Certified Professional Crop Consultant. He served as Associate Director of the Nebraska Cooperative Extension Service at the University of Nebraska from 1970 to 1974 and was chair of the Department of Entomology at University of Nebraska from 1966 to 1970. From 1946 to 1966 he was a Research, Extension and Teaching Entomologist with the USDA (Florida, Mexico, and Iowa) and faculty in the Department of Entomology at Iowa State University. Dr. Raun was inducted into the Nebraska Hall of Agricultural Achievement in 2008 and was named Fellow of the Entomological Society of America in 2004. Memorials can be sent to the Earle S. Raun, Doctor of Plant Health Endowment Fund #10864 at the University of Nebraska Foundation, 1010 Lincoln Mall, Suite 300 (68508), the National Alliance of Independent Crop Consultants for Agricultural Education Foundation, 1055 Petersburg Cove, Collierville, TN 38017 or Crestwood Christian Church, 8000 'A' Street (68510). We extend our sincere sympathy to Earle's wife, Georgia and family.

See photos of the ongoing Entomology Hall renovations at: <http://entomology.unl.edu/renovation>

# TRAVEL

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**M. J. Paulsen** conducted research in the field and at museums in Germany and France for the last two weeks of May. He also presented a seminar on his lucanid research at the Max Planck Institute for Developmental Biology in Tübingen, Germany.

Team Scarab (**Brett Ratcliffe**, **M. J. Paulsen**, and **Jesus Orozco**) conducted field research in Guatemala during the first two weeks of July.

## Calendar of Events

### July 31, 2009

- Entomology Department Meeting, 10:30 a.m., ENTO 214

### August 13, 2009

- Second Five-Week Session Ends

### August 14, 2009

- Graduate Commencement, 3:00 p.m. Bob Devaney Sports Center

### August 15, 2009

- Undergraduate Commencement, 9:30 a.m. Bob Devaney Sports Center

### August 21, 2009

- Entomology Department Meeting, 10:30 a.m., ENTO 214

### August 24, 2009

- First Semester 2009-2010 Begins

### August 26-28, 2009

- The 8<sup>th</sup> Meeting on Soil Insect Pests, Monterrey, Mexico

### September 7, 2009

- Labor Day Holiday (No classes, offices closed)

### September 8, 2009

- Entomology Seminar, Dr. John Foster, Professor of Entomology  
4:00 p.m., Nebraska East Union

### September 15, 2009

- Entomology Seminar, 4:00 p.m., Nebraska East Union

### September 25, 2009

- Entomology Department Meeting, 10:30 a.m., ENTO 214