



Polly Graham, Editor

## Newsletter

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### MESSAGE FROM MAIN OFFICE

Greetings,

Although we have only one week left in the quarter, there are a number of activities that will follow us into the summer and I wanted to make you aware of them.

Let's start with good news, of which there is quite a lot. First, in our first-annual-spring-Delong Award competition, the winner is **Erin Morris**. Congratulations Erin! Second, Josh Benoit is the recipient of the John and Helen Root student award for urban entomology. Josh will use the award to talk about bed bugs at the International Congress of Entomology in South Africa.



The competition for the annual departmental entomology awards was intense. It was very difficult to choose from among the nominees. After much deliberation, the following students are announced as the winners:

- W. Fred Hink Award for Research: **Aiqing Li**
- Maryellen Clay Award for Teaching (Two awards will be given this year): **Ashley Font, Glene Mynhardt**
- Departmental Service Award (Two awards will be given this year): **Glene Mynhardt, Phillip Otienoburu**

Congratulations to all of the nominees and the winners!!

We've been asked to consider a spousal hire for a candidate who is a finalist for a position in Epidemiology. Despite the uncertainties of the current times, we have been told that we may bring Christiane Weirach in for an interview. This will probably happen during the first week of July, so stay tuned for details; we want to have a decent audience when she visits.

Also, please be aware of an upcoming seminar by Ani Patel, a well-known neurobiologist from the Neurosciences Institute in San Diego. Ani will give a lecture, sponsored by the faculty working group on Music as a Biological Imperative, headed by Susan Fisher. Ani's lecture is *entitled: "Music is quintessentially human, but not innate"* in Faculty Club rooms A-D at 4:00 on June 24. Refreshments will be served.

Have a great summer and, if you're here, please come to the seminars.

Best,

Susan

### CALENDAR

June 8<sup>th</sup> Spring Quarter Commencement, OSU Stadium, 1:00 PM

June 16<sup>th</sup> Summer Quarter Begins

### PRESENTATIONS

Cañas, L.A. "*Greenhouse Insects*." Mount Union College. Alliance, OH. May 19, 2008.

Gallagher, N. T. and Jones, S.C. "*Termite mediated alteration of food items*." National Conference On Urban Entomology. May 18-21, 2008. Tulsa, OK.

Jones, S. C. "*'Bug' students of all ages*." Teaching Symposium, National Conference on Urban Entomology, Tulsa, OK, 18-21 May 2008.

Jones, S. C., and N. T. Gallagher. "*Efficacy of the Exterra System with Labyrinth AC Termite Bait in Ohio Field Trials*." National Conference on Urban Entomology, Tulsa, OK, 18-21 May 2008.

### PUBLICATIONS

An R., Sreevatsan, S. & Grewal, P.S. 2008. *Moraxella osloensis* gene expression in the slug host *Deroceras reticulatum*. **BMC Microbiol.** 8: 19-29.

Cheng, Z., Richmond, D. S., Salminen, S. O., & Grewal, P. S. 2008. Ecology of urban lawns under three management regimes. **Urban Ecosys.** 11, 177-195.

Hammond, R., A. Michel, and B. Eisley. 2008. "Alfalfa Weevil Update". Crop Observation and Recommendation Network (C.O.R.N.). 2008-13, May 12-19, 2008.

Hammond, R., A. Michel, and B. Eisley. 2008. "New Insecticides on Soybean". Crop Observation and Recommendation Network (C.O.R.N.). 2008-13, May 12-19, 2008.

Hammond, R., A. Michel, and B. Eisley. 2008. "Armyworm and Black Cutworm Update". Crop Observation and Recommendation Network (C.O.R.N.). 2008-13, May 12-19, 2008.

Hammond, R., A. Michel, and B. Eisley. 2008. "Seedcorn Maggot in Late Planted Field Crops". Crop Observation and Recommendation Network (C.O.R.N.). 2008-14, May 19-26, 2008.

Hammond, R., A. Michel, and B. Eisley. 2008. "Insect Update". Crop Observation and Recommendation Network (C.O.R.N.). 2008-14, May 19 - 26, 2008.

Hammond, R., A. Michel, and B. Eisley. 2008. "Bean Leaf Beetle

on Soybean". Crop Observation and Recommendation Network (C.O.R.N.). 2008-14, May 19-26, 2008.

Hammond, R., A. Michel, and B. Easley. 2008. "Sawflies in Wheat". Crop Observation and Recommendation Network (C.O.R.N.). 2008-15, May 27 June 2, 2008.

Hammond, R., A. Michel, and B. Easley. 2008. "Slug Update". Crop Observation and Recommendation Network (C.O.R.N.). 2008-15, May 27 June 2, 2008.

Hammond, R., A. Michel, and B. Easley. 2008. "Armyworm on Corn". Crop Observation and Recommendation Network (C.O.R.N.). 2008-15, May 27 June 2, 2008.

Saeb, A. T. M. & Grewal, P. S. 2008. Genetic variation and sub-species structure of entomopathogenic nematode *Heterorhabditis bacteriophora* based on the major sperm protein **gene**. *Int. J. Nematol.* 17, 187-198.

Sim, C. and Denlinger, D.L. 2008. Insulin signaling and FOXO regulate the overwintering diapause of the mosquito *Culex pipiens*. **Proceedings of the National Academy of Sciences, USA** 105: 6777-6781.

Song, H., and J. W. Wenzel. 2008. Mosaic pattern of genital divergence in three populations of *Schistocerca lineata* Scudder, 1899 (Orthoptera: Acrididae; Cyrtacanthacridinae). *Biological Journal of the Linnean Society* 94: 289-301.

Vadrevu, K. P., Cardina, J. Hitzhusen, F. Bayoh, I. Moore, R. Parker, J. Stinner, B. Stinner, D. and Hoy, C. 2008. Case Study Of An Integrated Framework For Quantifying Agroecosystem Health. *Ecosystems*. 11: 283-306.

## GRANTS

Cañas, L.A. Using Biological Control to Manage Aphids (Homoptera: Aphididae) on Hydroponic Lettuce. OARDC-SEEDS-Small Industry grant. \$12,000. 2008-2009.

Cañas, L.A. Assessment of a Biological Control Management Program for Whiteflies on Poinsettias: Population Trends, Variety Preference and Economics. OARDC-SEEDS-Small Industry grant. \$12,000. 2008-2009.

Grewal, P. S. and Herms D. Establishing entomopathogenic nematodes for long-term control of white grubs in nurseries. USDA-PMAP Competitive Research Grant. \$126,045, 2008-2011.

Grewal, P. S., Rajashekara, G., Dean D. H. Virulence mechanisms of the entomopathogenic *Photorhabdus* and *Xenorhabdus* bacteria. OARDC Interdisciplinary Grant Competition. \$100,000, 2008-2010.

Grewal, P. S. Long-term effect of organic fertilizers on the soil food web, nutrient cycling, and turfgrass quality and resistance to biological and environmental stresses. MTD Corporation \$119,398, 2008-2011.

Hoy, C.W., Kleinhenz, M. and Martin, J. The OSU-OARDC Mellinger Farm, Educational Showcase for the Energy Efficient Family Farm. OSU Institute for Energy and the Environment, Sustainability Enhancement Grant. \$14,730, 2008 - 2009.

Medina-Ortega, K. Mechanisms of resistance of poinsettias to

the silverleaf whitefly. OARDC-SEEDS-Graduate Student grant. \$5,870. 2008-2009.

Michel, A.P., Hammond, R.B, Easley, J.B, Young, C.E., Eastern Expansion of Two Migrating Corn Pests: First-Year Western Corn Rootworm and Western Bean Cutworm. NC-IPM Minigrants. \$9,914.49, Summer 2008.

## MISCELLANEOUS

Roz and I sincerely thank the Department for the fine retirement reception at the end of March. The rocking chair was entirely unexpected and has already seen plenty of use (by 3 generations). Thank you again for the other gracious gifts, and for your recognition of my service to the Department and OSU. It is because of my high regard for everyone that I expect to resume a higher profile now that my required two months of no official contact is over. I hope to see you all soon.

Dave Horn  
Professor Emeritus

From Parwinder Grewal: Sunjeong Park won Third Place in the OARDC Poster Competition for PH.D. on April 17, 2008. Erin Morris won Third Place in the OARDC Poster Competition for MS on April 17, 2008. Erin Morris is the new DeLong Award winner this year. Miss Harit Bal is a new Graduate student in my lab. My secretary Lisa Miller has left to take another position in Ashland.

Nicky Gallagher placed third in the student competition at the National Conference On Urban Entomology in Tulsa, OK.

Please welcome Jenny Orozco from Bolivia and Loren Rivera from Honduras. Jenny and Loren will be working as research aides at the Wooster campus and will be supervised by Dr. Larry Phelan and Dr. Dan Herms, respectively.

The Leap into Local Foods Workshop, facilitated by the Agroecosystems Management Program, Casey Hoy and Steve Bosserman (consultant for our last CSREES review), was held on February 29, 2008 at the Ohio Dept. of Agriculture. The workshop resulted from the first annual Stinner Summit, held in September 2007 and was funded by the Ben Stinner Endowment for Healthy Agroecosystems and Sustainable Communities. In attendance were approximately 90 people who represented an excellent cross section of the Ohio food system. Collectively, the participants tackled the big question of what could be done to strengthen Ohio's local food systems by addressing distribution challenges and opportunities. Wonderful ideas emerged and practical solutions were proposed. The next step will require a lot of hard work, rolling up the sleeves and making things happen. To provide continued support to this networking the Ohio Local Food Systems Collaborative was formed at the workshop. See [www.oardc.ohio-state.edu/amp/olfsc](http://www.oardc.ohio-state.edu/amp/olfsc) and create an account to participate in this important work.

Casey Hoy attended the WK Kellogg Foundation's annual Food and Society Networking conference, the Gathering for Good Food, April 29-May 1, Phoenix, AZ, along with a meeting of the Sustainable Agriculture Center Directors from throughout the US. A national sustainable agriculture symposium is being planned for March 24-26, 2009.



"Out of body experience" - by Erin Morris

The **Newsletter** is a monthly publication of the of the *Department of Entomology, The Ohio State University*. All in the Department are encouraged to submit news, current happenings, achievements, images and important deadlines related to the OSU Entomology faculty, staff and students.

Send material for next month's **Newsletter** to Polly Graham.

Newsletter design: L. Musetti (2007-2008)