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# Bulletin Board

## Agronomy

**October 16, 2009**

The following student has been selected to receive the Loyal F. "Pete" Bauman Memorial Scholarship:

**Samantha Shoaf**

Dr. Bauman joined Purdue University in 1959 as Professor of Genetics and Plant Breeding where he served until his retirement in June 1986. Throughout his career he was involved in the development and evaluation of superior corn hybrids, inbred lines, and germplasm pools. Many of his inbred line releases have been used extensively by the seed industry in the production of hybrid seed for the U.S. Corn Belt. He also made important contributions through his advisory capacity to persons in the seed industry.

The Loyal F. "Pete" Bauman Memorial Scholarship is intended to be used to recognize current graduate students in the area of plant genetics and breeding. Because Dr. Bauman always made a special effort to see that graduate students attended professional meetings, this scholarship will pay travel expenses incurred by graduate students attending the annual meetings of the American Society of Agronomy.

Congratulations to our recipient!

**MISSION STATEMENT** - The Agronomy Department at Purdue University provides progressive and relevant undergraduate, graduate and extension education programs; conducts high impact fundamental and applied research at multiple scales to ensure that our science addresses immediate problems and anticipates future challenges; actively engages partners in the public and private sectors; and contributes to the development of the national and international agenda for research and education.

The following students have been selected to receive the George Scarseth Scholarship.

1. **Zamir Libohova**
2. **Stephanie Mitzman**
3. **Sayjro K. Nouwakpo**
4. **Mary-Jane Orr**

The Scarseth Scholarship, honoring Dr. George D. Scarseth, a former faculty member and head of the Agronomy Department, was established to recognize students who show promise to carry on the "Scarseth Philosophy" of solving practical problems through the application of basic scientific principles. The scholarship provides monetary compensation to subsidize the participation of qualified graduate students in the annual meetings of the American Society of Agronomy, the Crop Science Society of America, and/or the Soil Science Society of America.

Congratulations to our recipients!

### **ACRE Safety Thought # 40**

One harvest season hazard that might happen this fall occurs when a plot combine gets stuck in the mud and chains, cables, or synthetic tow ropes are used for removal. Pulling out equipment that is mired in the mud requires special safety considerations. Don't get under an unstable machine to attach the chain. Don't stand between the two machines during the hooking process unless you are sure the pulling machine is stopped and in park. Always attach to sturdy low structures, like tool bar or tie down hooks. The pulling vehicle should be heavier than the combine. Use a tractor instead of a pick-up if possible. The condition and rated size of the chain, cable, or tow rope is critical. A slow steady pull is much safer than a "snap pull" which should never be executed at ACRE. The driver of both the stuck combine and the tow tractor must be keenly aware of the rebound hazards should the tow line fail. If a line is under tension and a connecting hook fails, then the stored energy in the line under tension can create a sling-shot rebound and send the hook or cable from the other end flying back towards the machine and person on the opposite end. Likewise helpers and spectators should stay a safe distance away from a pulling process. Plan, think, and work safely at ACRE.

**Agronomy Faculty Meeting**  
**Monday, October 19, 2009**  
**8:30 am**  
**LILY 2-425**

**Agenda:**

**Departmental Response for CSREES Review Team Final Report** (copy attached)  
**Curriculum Committee Report** – Jeff Volenec (see refer to email to Faculty from Jeff Volenec 10/16/09)

Agronomy 38500 – Linda Lee  
Associate Degree – Paul Schwab

**Patterson Lecture** (seminar speakers)

**Nominees for Distinguished Ag Alumni (DAA) and Honorary Doctorate** (respective criteria follows):

**NOMINATION PROCESS TO RECEIVE AN HONORARY DOCTORATE AT PURDUE**

Candidates for an Honorary Doctorate are first identified by their department, and then endorsed by their college or school. Next, an all-University committee discusses candidates and finally the President and Board of Trustees give approval. In general, persons thus honored have established a national reputation in their field of expertise. Very often, the persons have been previously honored by national and international organizations; his or her work has been cited by peers, again on a national level, and in all cases the candidates are recognized as a leader from a very broad perspective.

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The procedure used at Purdue University for the nomination of persons for the honorary degree has been in effect for many years and is a straightforward process.

Those eligible to be recommended for honorary degrees are as follows:

- All former students of Purdue University.
- Professorial staff members who have served at Purdue University prior to assuming a position elsewhere.
- Distinguished members of the Purdue University faculty who have retired.
- Administrative staff members who have served at Purdue University prior to assuming a position elsewhere.
- Individuals who have demonstrated distinguished service to Purdue University or the State of Indiana. (*This criterion approved by Board of Trustees 9/16/88.*)

All nominations for honorary degrees will be reviewed by the appropriate faculty, the dean of the college/school, and the University Committee on Faculty Promotions. The provost will then review and recommend the final candidates to the president, who in turn will make the formal nomination for consideration by the Board of Trustees.

**NOMINATION PROCESS FOR DAA (Distinguished Ag Alumni)**

**Background**

The Purdue University Distinguished Agriculture Alumni Award was created in 1992. Each year, ten or fewer alumni are selected to receive the award. The selection committee is comprised of the Dean of Agriculture, associate deans, assistant dean, department heads and unit directors. The Office of the Dean of Agriculture administers the program.

**Criteria**

Nominees must:

- have a degree from Purdue University College of Agriculture (bachelor's, master's or doctorate)
- be mid-career
- have made a significant contribution to his/her profession or society in general
- have a record of outstanding accomplishments
- exhibit high potential for future professional growth, particularly positions of greater responsibility, and service to his/her profession and to society

***Current Purdue Agriculture employees and past recipients of an Honorary Doctorate from Purdue are not eligible for nomination.***

**Nomination Document**

The nomination document should include the following **biographical information** about the nominee (a current CV or resume would be appropriate):

- current position
- education (institution(s), graduation date(s), degree(s))
- professional positions held
- professional, civic, and service activities and contributions
- awards
- any other information germane to the nomination

**SOILS FIELD TRIPS**— You are invited to participate in one or both of two, all-day field trips that are part of AGRY 565, *Soil Genesis, Classification, and Survey*. These trips are a good way to see a cross-section of soils, landforms, agriculture, and land use in the state. The trips are fully geoenabled with statewide GIS maps available at all times on tablet PCs equipped with GPS receivers. Although the focus is on soils, there are things to see that will interest those who do not share our excitement about soils and landscapes, although we find it difficult to believe that anything could be more interesting!

We have plenty of room in a 31 passenger bus, so we can accommodate additional participants. The trips start at 7:00 AM and end about 6:00 to 7:00 PM.

The northern trip is next week on Wednesday, October 21. We will study the soils and landscapes on the lacustrine plains, moraines, outwash plains, and dunes between here and Michigan City, on Lake Michigan. The trip includes stops at the Jasper Pulaski Fish and Game Area (in the middle of the (once) Grand Marsh of the Kankakee), where we will see a research project on wetland soils as well as sand hill cranes, the Pinney Purdue Agricultural Center, the Indiana Dunes National Lakeshore, and a view of competition for land for preservation, industry, and home sites at the southern tip of Lake Michigan.

The southern trip will be Saturday, November 7. We will see soils formed in loess over paleosols in older glacial till and bedrock, karst topography, lake plains, and fragipans between the Purdue campus and Indiana University in Bloomington. We will have stops at Lieber State Recreation Area and McCormick's Creek State Park. Lunch will be in Bloomington, followed by a drive through campus.

Contact Darrell Schulze ([dschulze@purdue.edu](mailto:dschulze@purdue.edu)) or Phillip Owens ([prowens@purdue.edu](mailto:prowens@purdue.edu)) if you are interested in joining us so that we can send you some background material.

Darrell Schulze

### **Agriculture Faculty and Staff,**

Please mark your calendars and plan to join us on **Thursday, October 22** to honor and celebrate **Dr. Gebisa Ejeta, winner of the 2009 World Food Prize.**

The World Food Prize is the foremost international award recognizing the achievements of individuals who have advanced human development by improving the quality, quantity or availability of food in the world. Dr. Ejeta was awarded the prize for his work on sorghum germplasm that has improved the food supply for more than half a billion people in several African countries. His work has enhanced the quality of seeds and has greatly improved yields, and he worked to lay the foundation for a commercial seed industry in the Sudan and Niger.

Our celebration on October 22 will begin with a special lecture by Dr. Ejeta at 2:00 p.m. in Fowler Hall, Stewart Center, followed by a reception in the Purdue Memorial Union South Ballroom. Both events are open to the public.

Gebisa Ejeta is truly one of Purdue University's points of pride. We look forward to celebrating his achievements on October 22 and we hope you will be able to join us.

# CONFERENCES & SEMINARS

## AGRONOMY

“Plant small RNAs and their mRNA targets”,  
Blake Meyers, University of Delaware  
Monday, October 19 3:30 pm  
Whistler 116 \*\*\* *Note Room Change*

## ENTOMOLOGY

An assessment of fertility and surfactant treatments on the persistence of the entomopathogenic nematode *Heterorhabditis bacteriophora*,  
Terri Hoctor, Purdue University  
Oct 22, 3:45 pm Whistler Room 116

## NATIONAL SOIL EROSION RESEARCH LABORATORY SEMINAR SCHEDULE

“Solute Transport in Eroded and Rehabilitated Prairie Landforms”,  
Dr. Sharon Papiernik, North Central Soil Lab, Morris, MN  
October 21, 10:30 am in NSERL Conference

## FORESTRY & NATURAL RESOURCES

No Seminar  
October 20, 2009 3:30 pm  
Deans Auditorium Pfindler Hall

## BIOLOGICAL SCIENCES

“Making a living in a hostile environment: Lessons from *legionella pneumophila*”  
Zhao-Qing Luo, Purdue University  
October 21, 3:40 pm  
MJIS 1001

## HORTICULTURE & LANDSCAPE ARCHITECTURE

TBA  
Yukiko Mizukami, Purdue University  
Thursday, October 22, 3:30 pm  
Room 117 Horticulture Building  
Receptions at 3:10 in HORT 217

## BOTANY & PLANT PATHOLOGY

“Perspectives and prospects of plant pathogenesis: Past, present and future”  
Dr. Larry Dunkle, Purdue University  
Wednesday, October 21, 2009  
3:30 pm Whistler Room 116

## BIOCHEMISTRY

Lipid Natural Products—Diversity through Small Changes,  
Robert Minto, IUPUI  
October 20, WSLR 116 4:00—5:00 pm

## PLANT BIOLOGY STUDENT/POSTDOC SEMINAR SERIES

TBA  
Nagesh Sardesai (Gelvin Lab)  
October 28, Wednesday Noon (bi-weekly)  
Whistler Room 116

## BIOFORMATICS SEMINAR SERIES

: "Statistical Modeling of Methylation Patterns in Ovarian Carcinomas"  
Michelle Lacey, Department of Mathematics, Tulane University, New Orleans, LA  
HORT 117;  
October 20, 2009, 4:30pm

## EAS SEMINAR SCHEDULE

Geological Society of America Annual Meeting  
October 19– 22, 3:30 pm  
1252 CIVL Bldg.

## PULSe Student Seminar

Cell Lineage and Signaling of Pancreatic Cancer,  
Guanglu Shi, Molecular Signaling & Cancer Biology  
Tuesday, October 20, 2009  
WSLR 116 12:00—1:00, drinks will be provided

## Summer and Fall Examination/Graduation Deadlines for Graduate Students

- October 16, 2009 Last day for “exam/degree only” registrants to submit the appropriate Report of Final Examination and the Thesis Receipt forms. If these two forms are not received in the Graduate School, the registration will be revised to research credits (Does not apply to non-thesis master’s candidates.)
- December 4, 2009 Last day for students to pass the final examination. Signed candidate/certification forms and final examination reports must be returned to the Graduate School, Room 170, Young Hall (YONG). Students for whom a final report is not received will not be able to graduate in December. (Final examination reports are not required for non-thesis master’s students).
- December 11, 2009 All master’s and Ph.D. candidates must submit their dissertation via Electronic Thesis Deposit (ETD), at least 24 hours prior to their scheduled appointment. All required forms must be deposited at their mandatory, scheduled, final deposit appointment in the Thesis/Dissertation Office, Room 170, Young Hall (YONG). Deposit appointments can be made by calling 765-494-2600 or e-mail [gradinfo@purdue.edu](mailto:gradinfo@purdue.edu).
- December 19, 2009 Doctoral students must have taken preliminary examinations by this date to be eligible for December 2010 graduation (assuming student registered Spring 2010 and Summer 2010).

## Winter 2009 Graduation Fair

Wednesday, October 21  
Thursday, October 22

8 a.m. – 4 p.m.

Dick and Sandy Dauch Alumni Center

Each candidate will have the opportunity to indicate participation in the ceremony, rent a cap and gown, etc. Please bring your student identification card with you.

## JOBS

### **Turf grass Extension Specialist**

Assistant/Associate Professor  
Agronomy Department  
Contact: Dr. Cale Bigelow  
49-44692

### **Agronomy Research Training Fellows Program**

Iowa State University. The department of Agronomy at Iowa State University offers a unique graduate research training fellowship program for superior students. For further information go to the program website:  
[Http://www.agron.iastate.edu/academic/graduate/endowmentfellow.aspx](http://www.agron.iastate.edu/academic/graduate/endowmentfellow.aspx)