

# PLANT SCIENCE NEWSLETTER

June 2009, Vol. 20, Issue 06

*Holding the Heartland Together*

*South Dakota State University*

## Announcements . . .

A group of nine **Korean student interns** arrived in June for a two-month study period. The student names and their respective supervisor are listed below.

*Eun Yeong Jang* – Tom Chase  
*Sa Su Kim* – Tom Schumacher  
*Yun Hui Aeom* – Tom Schumacher  
*In Seok Jeon* – Vance Owens  
*Hyae Ran Lee* – David Clay  
*Young Pil Jung* – David Clay  
*Young Sik Park* – Douglas Malo  
*Yoo Jin Kim* – Bruce Bleakley (Bio-Micro)  
*SiHyung Park* – Peter Schaefer (Hort-For)

Karl Glover and Ron Gelderman are advising summer **French student interns** *Luc Fayard* and *Arnaud Ben-Sadoun*, respectively.

Information about the Region 8 2009 RFP for the **Strategic Agricultural Initiative Grant Program** has been posted to both the Region 8 website and to Grants.gov. The direct link is:

<http://www.epa.gov/region8/grants/> and proposal packages must be postmarked no later than Monday, June 29, 2009. The mailing address is

**Regional Priorities Grant Solicitation**  
**Attn: Gerard Bulanowski**  
**U.S. EPA Region 8 (8P-SA)**  
**1595 Wynkoop Street**  
**Denver, CO 80202-1129**

Following is the web address for the feature article on the Legume ipmPIPE and the related work that Dr. Langham has been doing:

<http://www.apsnet.org/online/feature/ipmPIPE>

Mark your calendar for the **Plant Science Department summer picnic** scheduled for **Thursday, July 30, 6:00 pm** at the Hillcrest picnic shelters. A catered meal will be provided. Those attending are asked to bring a dessert to share and beverages of their choice.

## TRAVEL REMINDERS . . .

When you travel In-State remember that the state only allows lodging cost of \$46.50 + tax. Linda Jelly has a list of some motels that will cover the state rate. On any

motel bill watch for a “safe warranty charge”; request that the fee be removed because you didn’t use it and the state will not cover the charge. Contact Linda at 688-5122 if you have any questions.

New this year is an **IPM Field School for Agronomy Professionals** scheduled for **July 9-10, 2009, at the Southeast Research Farm near Beresford**. “Early bird” pre-registration fee is \$150.00 plus \$20 for the steak fry if you register by June 25; after June 25 the registration fee is \$175.00 plus \$25 for the steak fry. For questions concerning the Field School contact Darrell Deneke (688-4595).

**Brookings Plant Science Farm Tour** will be held **Monday, June 29, with continuous tours from 4 pm to 8 pm**. Attendees will be able to choose from several tour topics: Weeds, Soil Fertility and Small Grain Varieties, Crop Diseases, Insect and Crop Management-Soybeans, Global Issues/Research Outreach, and Innovation Campus. From stoplight at Hwy 14-Bypass/Medary Ave. go 0.7 mi E, turn S through farm gate to parking area.

## Congratulations . . .

**Larry Osborne** was elected to serve as the **NC-APS Division President for 2009-2010**, meaning the annual Division meeting will be held in South Dakota next summer! Volunteer help with the planning committee will be welcome. Educators, specialists, plant pathologists, entomologists, pathogen biologists, plant breeders, and many others are encouraged to participate. Contact Larry (688-5543) for more information. We hope to have extensive sponsorship by stakeholders to keep registration costs low. The meeting will be held sometime in late May through early July, 2010.

The multistate S-1039 project group selected and nominated by the Southern Association of Ag Experiment Station Directors for its collaborative contributions has received the National Excellence in Multistate Research Award. Members of this award-winning team include **Kelley Tilmon** and **Louis Hesler** (NCARL).

The **NC Sun Grant Center** has announced the award of **DOE federal research grants** to **Arvid Boe** for research on developing cup plant as a perennial biomass crop, and

to **Paul Johnson** for research on establishment of perennial biomass crops in eastern SD.

Graduate assistant **Shannon Hofstadter** will be attending two special nematology training sessions at Iowa State University: the Soybean Cyst Nematode Workshop and the Corn Nematode Workshop. She is sponsored by the SD Soybean Research/Promotion Council.

Included in the list of 2009-10 **Griffith Undergraduate Research Award** recipients is **Joshua Johnson**, student of **Jeff Stein**. His research topic title is "Evaluating the impact of *Gibberella zeae* inoculum dose and host resistance on pathogen biomass and mycotoxin accumulation in the Fusarium head blight pathosystem."

**Connie Tande**, SDSU Plant Diagnostic Clinic Manager, has been selected to attend the 2009 Fusarium Laboratory Workshop at Kansas State University, June 21-26. The world-renowned workshop occurs annually, held every other year in Kansas and alternating with international sites such as Italy and Argentina. The \$1,500 registration fee was provided by the Great Plains Diagnostic Network.

**Melanie Caffé** presented a poster entitled "Utilization of Mixolab for Bread Making Quality Prediction" at the International Wheat Quality Conference (June 2-6, 2009) in Saskatoon, SK. The poster was entered into the student poster competition where it received the third place award. Melanie was awarded \$200 for her efforts.

Graduate assistant **Subas Malla** successfully defended his dissertation research on June 12, and is planning to graduate in December 2009. Dr. Malla was advised by Amir Ibrahim.

**Larry Osborne** and his PhD students **Yuba Raj Kandel** and **Shannon Hofstadter** are attending the NC Division Meeting of the American Phytopathological Society in Ames, IA, June 21-23.

#### **Staff Changes . . .**

Joining Jose Gonzalez's Seed Molecular Biology Lab for the summer is **Gates Cook**. Gates will be a junior at Augustana College (Sioux Falls) next semester and is here as part of the SD BRIN (Biomedical Research Infrastructure Network) Undergraduate Research Fellowship program. The BRIN program is part of the National Center for Research Resources of the NIH. Gates will be learning various molecular biology skills in the Gonzalez lab supervised by Kristene Gedyé.

Summer employees working with the Row Crops Pathology project include **Mitch McLagan**, **Kristen Ray**, **Megan Albertson**, and **Hailee Sieh**.

**Carlos Vigara** from Bolivia arrived June 16 and is working as a Visiting Scientist with Paul Johnson and Brent Turnipseed.

**Matthew Caron**, research assistant with the soybean breeding project, resigned June 12 to accept a position in private industry.

Recent graduate assistantship resignations include **Sang Lee**, **Subas Malla**, **Andy VanNurden** and **Carrie Werkmeister**.

#### **Staff Concerns . . .**

We extend our condolences to **Mary Thompson** on the recent passing of her brother, John Cegla, of Fargo, ND.

Memorial services were held June 20 for **Elaine J. Berndt**, wife of the late Wayne Berndt, a former Plant Science Extension faculty member.

Get well wishes are extended to **Dwayne Beck** who is recovering from hip surgery.

#### **QUOTE OF THE DAY . . .**

*"It is impossible to live a pleasant life without living wisely and well and justly; it is impossible to live wisely and well and justly without living pleasantly."*

*-- Epicurus -- (341-270 B.C.)*

#### **Job Listings . . .** (posted at each building)

**SDSU Plant Science** - Monsanto Graduate Fellowships, MS/PhD, 07/01/09

**SDSU CES Bennett Co** - Ext. Farm Business Management Educ, BS/MS, open until filled

NDSU - Asst/Assoc Prof-Weed Science; PhD; 07/01/09

U of MN - Asst Prof/Fungal Biologist, PhD, 08/15/09.

#### **Calendar Dates . . .**

Jun 24 Central Crops Tour-Highmore, 5 pm

Jun 25 SDCIA Field Inspector's School, SDSU campus

Jun 25 Dakota Lakes Tour, 1 pm

Jun 29 Agronomy Farm Tour, 4 pm

Jun 30 Rotation/Crop Tour-Wall, 2 pm

July 30 PS Summer Picnic, Hillcrest Shelters, 6 pm

Apr 30, 2010 PS Recognition Banquet-Volstorff

