

# Distance Education & Life-Long Learning Program

[www.agronomy.unl.edu/newprospective/distanceed.html](http://www.agronomy.unl.edu/newprospective/distanceed.html)



## Professional Development Opportunities in Plant Breeding at UNL

The Department of Agronomy and Horticulture at the University of Nebraska-Lincoln offers four plant breeding mini-courses that are excellent professional development opportunities for seed industry personnel, producers and other agribusiness professionals. The courses are available via distance delivery, so participants are able to further their educational and career goals without having to be present in a traditional classroom. Students have the option of participating in lectures in real time, as well as viewing archived lectures online. The courses are available for noncredit professional development, CEU credit, and regular academic credit at UNL. Instructors are Dr. P. Stephen Baenziger, Eugene W. Price Distinguished Professor, and Dr. Thomas Hoegemeyer, Professor of Practice and former CEO of Hoegemeyer Hybrids.

The noncredit registration fee for each course is \$150. Special package pricing is available for the three mini-courses offered during the Fall 2009 semester. For more information or to register, please visit the above-listed Web site or contact Cathy Dickinson, [cdickinson2@unl.edu](mailto:cdickinson2@unl.edu).

### Online courses for Fall 2009 and Spring 2010 include:

#### **SELF-POLLINATED CROP BREEDING:** August 25 – September 24, 2009

Course covers the common breeding methods used to improve self-pollinated crops, such as wheat, rice and barley, and the theoretical basis for self-pollinated crop breeding.

#### **GERMPLASM AND GENES:** September 29 – November 3, 2009

Course focuses on the importance of creating the necessary genetic variation resources for conventional and modern plant breeding programs.

#### **CROSS-POLLINATED CROP BREEDING:** November 5 – December 10, 2009

Course emphasizes standard breeding methods and theories associated with population movement of cross-pollinated crops and self-pollinated crops that are forced to cross-pollinate.

#### **ADVANCED PLANT BREEDING TOPICS:** March 3 – April 8, 2010

Topic for 2010 is heterosis. Course will focus on the genetic hypotheses and quantitative genetic analyses of heterosis, new tools for studying heterosis, prediction of heterosis and hybrid performance, heterotic groups and organization of germplasm, and the mechanisms for making hybrids.



Professors P. Stephen Baenziger (L) and Thomas Hoegemeyer

## Contact:

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\*The \$150 registration fee increases to \$200 one week prior to the course's start date.

