

# ADVANCE

**ADVANCE Program for Inclusive Excellence**

*Advancing women, transforming the University, investing in a culture of inclusive excellence*



**The University of Maryland College of Agriculture and Natural Resources and  
The ADVANCE Program for Inclusive Excellence are pleased to present**

## **Cathy Kling**

**Charles F. Curtiss Distinguished Professor of  
Agriculture and Life Sciences  
Director, Center for Agriculture and Rural Development  
Iowa State University**

November 20, 2013, 11 am  
Benjamin Banneker Rm #2212 Stamp Union  
Light lunch to follow



### **Agricultural Conservation Practices and Gulf of Mexico Hypoxia: Linking Externalities from the Land to their Consequences in the Sea**

A large and persistent hypoxia zone in the Northern Gulf of Mexico has been well documented since 1985. A significant source of the nutrients contributing to this condition comes from the intensively managed agricultural land in the Upper Mississippi and Ohio-Tennessee River Basins. Policy interventions designed to change management of this land to reduce nutrient loading in rivers and streams is likely to impose additional costs of production. Policy makers designing conservation programs, regulatory actions, or other interventions to address the environmental externalities in this region would benefit from understanding the magnitude of the tradeoffs between costs of conservation and environmental improvement.

Cathy Kling, Charles F. Curtiss Distinguished Professor of Agriculture and Life Sciences and a professor of economics, has served as the director of CARD since July, 2013, after having served many years as the division head of CARD's Resource and Environmental Policy Division. She received a bachelor's degree in business and economics from the University of Iowa and a doctorate in economics from the University of Maryland. In her work at CARD, Kling is undertaking research to examine how agricultural practices affect water quality, wildlife, soil carbon content, and greenhouse gases.



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