Applying Science to Fuel and Feed our Global Society
In Agronomy our goal is to make crop production more efficient, more productive, and economically and environmentally sustainable. Our work ranges from basic molecular-level science to applied, field-oriented projects. Current examples of Agronomy research include:
• the development of crops grown for biofuel and pharmaceuticals
• genetic modifications of crops to improve quality and disease resistance
• the impact of cropping systems on soil and water quality
• the transport of hormones and other chemicals in the environment
• the role of crops and soils in the energy, water, and carbon cycles
• satellite remote sensing of crops and soils

Iowa State University Agronomy Research Training Fellowship Program
The Iowa State University Agronomy Department has a unique graduate research training fellowship program for superior students. The fellowships are competitively awarded. The program provides students financial support as they work towards a Ph.D. and exceptional academic support through a mentored team training program coupled with specific guidance from a primary research advisor. The goal of the program is to foster new world-class leaders in agronomic research.

Training Program Components
What makes this fellowship program unique? The training program components offer students a whole new level of mentoring and opportunities for interdisciplinary collaboration. Components include:
• research mentoring
• mentoring in teaching and/or extension
• peer mentoring and interaction
• work groups
• external experience
• ethics and Professionalism training

Conditions of Fellowship
Fellows receive an annual stipend of $23,802, plus benefits, student fees, and full tuition.

Eligibility
Candidates must have the intent to pursue a Ph.D. with a primary research advisor in Agronomy. Candidates from a wide variety of backgrounds (the life sciences, physical sciences, and even mathematics and engineering) are encouraged to apply. Agronomy faculty are associated with many Ph.D. programs, including agricultural meteorology, crop production and physiology, plant breeding, and soil science as well as several interdepartmental majors such as bioinformatics and computational biology, ecology and evolutionary biology, environmental science, genetics, microbiology, seed science, plant physiology, and sustainable agriculture.

Apply
The application deadline is Feb. 16. For more information visit http://www.agron.iastate.edu/academic/graduate/endowmentfellow.aspx