

# **Distinguished Doctoral Fellowships & Doctoral Academy Fellowships**

The Department of Biological and Agricultural Engineering at the University of Arkansas has two Distinguished Doctoral Fellowships and four Doctoral Academy Fellowships as well as graduate research assistantships available in several research areas in biological engineering.

## **FELLOWSHIPS:**

*Distinguished Doctoral Fellowships* offer a stipend of \$30,000 per year plus tuition for up to 4 years.

*Doctoral Academy Fellowships* offer a stipend of \$18,700 per year plus tuition for up to 4 years.

## **RESEARCH PROJECTS:**

Compound fractionation and purification  
Animal Waste Management  
Biofuels and Biomass Energy  
Bioprocess Engineering  
Biosensors for Food Safety, biosecurity and health  
Ecological Engineering  
Food Safety and Risk Assessment  
Biorefinery co-products development  
Grain Drying and Storage  
Irrigation Water use in Agriculture and water quality  
Improving Drinking Water Quality and Availability  
Nano-bioengineering  
Nonpoint Source Pollution Control and Modeling  
Biocatalysis Technology  
Riparian Forest Buffer Delineator Tool  
Remote Sensing for Bioresources Monitoring and Management  
Air Quality and Energy efficiency in poultry production  
Sustainable Metrics for Agriculture  
Modeling for Priority Watersheds in Arkansas  
Ecosystem Design and Management  
Watershed Management and water quality chemistry  
Low Impact Development  
Water Quality Monitoring and Modeling  
Modeling of Biological Systems

## **REQUIREMENTS:**

*Distinguished Doctoral Fellows* should have a master's GPA of 3.85 or B.S. GPA 3.65 or higher, a GRE verbal plus quantitative score at least 314, and a GRE writing score of 4.5 or above.

*Doctoral Academy Fellows* should have a master's GPA of 3.65 or B.S. GPA 3.5 or higher, a GRE verbal plus quantitative score of at least 307 and a GRE writing score of 4.0 or higher.

## **TO APPLY:**

Send a letter of application, a resume and transcripts of all college work, and three reference letters to:

Dr. Lalit Verma, Head and Professor  
University of Arkansas, Biological and Agricultural Engineering, 203 Engineering Hall  
Fayetteville, AR 72701  
Phone: 479-575-2351; Fax: 479-575-2846  
E-mail: [lverma@uark.edu](mailto:lverma@uark.edu), Website: <http://www.baeg.uark.edu/>