

BRIAN E. HAGGARD, PhD

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Educational Background:

<u>Degree</u>	<u>Date</u>	<u>University</u>	<u>Major</u>
B.S.	1994	University of Missouri - Rolla	Life Sciences
M.S.	1997	University of Arkansas	Environmental Soil and Water Science
Ph.D.	2000	Oklahoma State University	Biosystems Engineering

Professional Experience:

2000–2000	Hydrologist, GS-9, U.S. Geological Survey, Tulsa, Oklahoma
2000–2001	Hydrologist, GS-11, U.S. Geological Survey, Tulsa, Oklahoma
2001–2004	Research Hydrologist, GS-12, USDA–ARS Poultry Production and Product Safety Research Unit, Fayetteville, Arkansas
2005–2006	Research Hydrologist, GS-13, USDA–ARS Poultry Production and Product Safety Research Unit, Fayetteville, Arkansas
2006–Present	Associate Professor, University of Arkansas Division of Agriculture, Biological and Agricultural Engineering Department, Fayetteville, Arkansas
2008–Present	Director, Arkansas Water Resources Center, University of Arkansas Division of Agriculture, Fayetteville, Arkansas

Honors and Awards:

Gentry Land and Water Resources Scholarship, University of Arkansas 1995
USDA National Needs Water Sciences Fellowship, Oklahoma State University 1997–1999
Williams Outstanding Thesis Award, College of Agriculture, Oklahoma State University 2000
USDA–ARS Outstanding Performance 2001, 2002, 2003, 2004 & 2005
American Society of Agricultural and Biological Engineers, Outstanding Reviewer 2003
American Society of Agricultural and Biological Engineers, Honorable Mention Paper Award 2005
USDA–ARS Southern Plains Area, Early Career Research Scientist 2005

Biographical Sketch:

Brian is a native Arkansan, and he found his way back home to the northwest Arkansas in 2001. His education is diverse, where he has completed degree requirements in three different programs ranging from biology to biosystems engineering. After school, Brian was hired by the US Geological Survey as a hydrologist where he focused his efforts on regional (interstate) water quality issues. After almost two years with the USGS, Brian switched federal agencies and was hired as a hydrologist with the USDA ARS where his research focused on the identification of nutrient sources at the watershed-scale and the effect of catchment land use on nutrient concentrations and export in regional streams. In 2006, Brian left the USDA ARS for employment with the University of Arkansas System's Division of Agriculture and he assumed teaching responsibilities in the Biological Engineering Program at the University of Arkansas, Fayetteville. In 2008, he transitioned into being the Director of Arkansas Water Resources Center, and he has served on the Board of the National Institutes for Water Resources and is currently this organization's president. Brian's research focus has remained on water quality and watershed-scale processes, and he has integrated this into the classroom where possible. Brian has taught ENSC 4023 Introduction to Water Quality, BENG 4903 Watershed Hydrology, and BENG 2622 Biological Engineering Design Studio, which teaches students the fundamentals of the engineering design process and the complications of working with living systems. He makes the effort to get the students out of the classroom and into the lab, greenhouse and or field to get real world experiences collecting water quality data.