

Jeff A. Hattey
Curriculum Vita
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Education

Doctor of Philosophy

University of Arkansas, Fayetteville, Arkansas, 1993, Agronomy - Soil Chemistry

Master of Science

University of Arkansas, Fayetteville, Arkansas, 1988, Agronomy – Soil Fertility

Bachelor of Science

Central Missouri State University, 1985, Warrensburg, Missouri, Agronomy

Professional Experience

August 2022 to Present: Professor of Soil Science, Soil Management State Extension Specialist, the School of Environment and Natural Resources, College of Food, Agricultural and Environmental Sciences at The Ohio State University (65% extension and 10% research).

August 2017 to July 2022: Professor of Soil Science, Soil Management State Extension Specialist, the School of Environment and Natural Resources, College of Food, Agricultural and Environmental Sciences at The Ohio State University (50% teaching, 25% research, and 25% extension).

August 2011 to August 2017: Professor of Soil Science, in the School of Environment and Natural Resources, College of Food, Agricultural and Environmental Sciences at The Ohio State University. (Administrative appointment).

July 2009 to July 2011: Dillon and Lois Hodges Professor of International Agriculture and Professor of Soil and Environmental Sciences, Department of Plant and Soil Sciences, Oklahoma State University

January 1995 to 2011: Faculty member, Environmental Science Program, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

November 1994 to July 2011: Assistant-, Associate-, and Professor of Soil Science, Department of Plant and Soil Sciences, Oklahoma State University.

Dec. 1993 - Nov. 1994: Post-Doctoral Research Fellow; Soil/Environmental Chemistry; Auburn University, Auburn, AL.

Jan. 1988 - Nov. 1993: Research Assistant; Soil Chemistry/Fertility; University of Arkansas.

September 1985 - Dec. 1987: Graduate Assistant; Soil Fertility; University of Arkansas.

Administrative Experience

August 2022 – Present: **Co-Lead OSU Extension Urban Agriculture Team**, College of Food, Agricultural, and Environmental Sciences at The Ohio State University.

August 2011 to August 2017: **Assistant Dean of Academic Programs**, College of Food, Agricultural, and Environmental Sciences at The Ohio State University.

April 2005 to May 2010: Director of Environmental Sciences Program, College of Agricultural Sciences and Natural Resources (25% administration), Oklahoma State University.

January 2003 to January 2005: Chair, General Education Assessment Taskforce, Oklahoma State University.

July 1999-2011: Undergraduate Academic and Advising Coordinator, Department of Plant and Soil Sciences, Oklahoma State University.

November 1997 to 2011: Team Leader and Coordinator, Animal Waste Management In Semiarid Agroecosystems for Division of Agricultural Sciences and Natural Resources, Oklahoma State University.

International Activities

July 2007 to 2011. Co-Director of OSU-UNESP International Partnership Program. Jointly administered program between Oklahoma State University (OSU) and Sao Paulo State University,

July 2008 - December 2010. Visiting Professor: Sao Paulo State University (UNESP) - Botucatu, College of Agriculture.

September 2008 to July 2011: Team Member of CAUSE. Consortium created with support from USAID-HED as part of the African-U.S. Higher Education initiative.

August 2008 to July 2011: Team Leader for Oklahoma State University-Moi University, Partnership for “Kenyan Cotton Industry Revitalization” Project.

Teaching and Mentoring

Graduate Students Advised to Completion

- Ph.D. Graduates = 1
- M.S. Graduates = 10
- Graduate Committees Served = 35
- Graduate Teaching Assistant Mentoring = 58
- Graduate Advisee’s National or Regional Awards and Recognition = 6

Undergraduate Students

Advisee’s

The Ohio State University

- Degrees in Progress = 22
- Second-year Transformational Experience Program (STEP) = 139

Oklahoma State University to Completion

- Plant and Soil Sciences = 175
- Environmental Sciences = 96

International Student Internships Supervised = 5

Undergraduate Advisee Recognition

- National or Regional Awards = 43

- University or College Awards = 58

Clubs and Organizations Advised

National

- Students of Agronomy, Soils and Environmental Sciences, (2010-2012)

The Ohio State University

- Towers Agricultural Honorary Society, (2011-2019)
- Co Advisor CFAES Banquet Committee (2011-2013)

Oklahoma State University

- Faculty Advisor for OSU Soil and Water Conservation Club, (1994-2011)
- Co-Faculty Advisor for OSU Environmental Science Club (2006-2010)
- Co-Faculty Advisor for OSU Agronomy Club (1995-97, 2004-2007)

Summary of Teaching Responsibilities

The Ohio State University: Total Students Taught = 1,335

- Data Analysis of Natural Resources (ENR 2000)
- Ecology of Forest Soils (ENR 5271)
- Soil Science (ENR 3000H)
- Study at a Foreign Institution: New Zealand (ENR 5797.04)
- Soil Science Graduate Seminar (ENR 8890.04)
- FAES First Year Experience (FAES 1100)
- FAES First-Year Trip (FAES 3797.03)
- FAES First-Year Trip (FAES 2194)

Oklahoma State University: Total Students Taught = 5,219

- Fundamentals of Soil Science (SOIL 2124)
- Fundamentals of Soil Science-Correspondence (SOIL 2124A)
- Soil and Water Conservation (SOIL 4463)
- Soil Nutrient Management (SOIL 4234)
- Animal Waste Management (SOIL 4863)
- Dynamics of Wetland, Forest and Range Soils (SOIL 4563)
- Professional Development (PLNT 2041)
- Freshman Research Scholars (ENVR 4500)
- Environmental Science Problems and Applications (ENVR 4813)
- Agricultural and Environmental Sustainability in China (AG 4080 3 hours)
- Plant and Soil Sciences Freshman Orientation (PLNT1101)
- Soil Science Instruction (SOIL 5510)
- Graduate Seminar (SOIL 5020)
- Environmental and Agricultural Sustainability in China (AG 3080)

Auburn University: Students Taught = 57

- Soil Fertility (AY502)
- Fertilizer and Soil Testing (AY506)

University of Arkansas: Students Taught = 66

- Soil and Plant Analysis (AGRON 4213)
- Introduction to Soils (AGRON 2203)

Publications

Recent †denotes student authored or co-authored.

- Basta, N.T., Zearley, A.M., Hattey, J.A. and Karlen, D.L. (2021). A Risk-Based Soil Health Approach to Management of Soil Lead. In Soil Health Series (eds D.L. Karlen, D.E. Stott and M.M. Mikha). <https://doi.org/10.1002/9780891189817.ch7>
- Wilson, K.R.,† M.T. Rodriguez, and J.A. Hattey. 2019. Making It Matter Before, During, and After; The Impact of a Nicaragua Study Abroad Trip for First-Year Undergraduate Students. NACTA J. Vol 63:52-59.
- Murray, K.,† M. Stollar,† R. McClellan,† J. King, J. A. Hattey. 2018. A Systematic Map and Scoping Review of Soft Skill Assessment Instruments for College Students and Peer Mentoring Programs. NACTA J. Vol 62(3) 267-274.
- Popova, I., S. Deng, and J. Hattey. 2017. Tetracycline resistance in semi-arid agricultural soils under long-term swine effluent application. J Environ Sci Health B. 52(5):298-305. <https://doi.org/10.1080/03601234.2017.1281639>.

- Refereed Publications = 31
- Proceedings Publications = 18
- Books = 5
- Book Chapters = 4
- Websites = 4
- Extension/Outreach Publications = 47
- Abstracts Published = 87
 - Educational = 21
 - Research and Extension = 66
- Popular Press Articles or Interviews = 6

Grants

- Total Funding \$6,754,937; PI = \$4,179,010, co-PI = \$2,575,927

Presentations

Total Presentations and Workshops = 137

- Invited Presentations = 22
- Educational = 46
- Research = 17
- Extension/Outreach = 52

National and International Professional Service

- American Society of Agronomy (ASA): Board of Directors, Representative 2012 – 2014; Division Chair-Elect, Chair, Past-Chair, 2000 – 2002; Committees = 10
- Council of Environmental Deans and Directors (CEDD)

- North America Colleges and Teachers of Agriculture (NACTA): Director NACTA Foundation (2016-2019); President-Elect, President, Past-President (2012-2015); Southern Regional Chair-elect, Chair, (2009-2012); Chair National Conference Program and Host Site Committee 2009; Committees = 9
- Soil Science Society of America: Soils Certification Board, (S584) (2012 – 2013); National Student Advisory Committee member (ACS 031), (2009-2011); Advisor for National Quiz Bowl Competition (2009 – 2011); Council of Soil Science Examiners (S582), member, Vice-Chair, Past-Chair, Chair (2004 – 2013); Committees = 3
- Institutional Program Review
 - External Review Team Member, University of Nebraska-Lincoln, College of Agriculture and Life Sciences, Department of Agronomy and Horticulture. (2023)
 - External Review Team Member, North Carolina State University, College of Agriculture and Life Sciences, Department of Crop and Soil Sciences. (2021)
 - External Review Team Member for Agricultural and Environmental Sciences Department, Abilene Christian University (2009-2011)
 - Review team for Western Oklahoma State College (1998)
- Reviewer
 - Agronomy Journal
 - Journal Natural Sciences and Life Sciences Education
 - Journal of Production Agriculture
 - Journal of Environmental Quality
 - NACTA Journal
 - Soil Science
 - Soil and Tillage Research
 - Soil Science Society of America Journal
 - USDA-CSREES “Small Business Innovation Research (SBIR)

Awards and Honors

- Distinguished Educator Award. 2019. North American Colleges & Teachers of Agriculture (NACTA).
- Outstanding Student Mentorship Award, 2013. The Ohio State University, Office of Student Life.
- Received Oklahoma State University-CASNR Alumni Association Exemplary Faculty Award, 2004, 2008, and 2011 by identified by alumni.
- Soil Science Education Award. 2010. Soil Science Society of America.
- Recipient of 2008 United States Department of Agriculture Food and Agricultural Sciences Excellence in Teaching Award,
- Regents Distinguished Teaching Award, 2007, Oklahoma State University.
- Outstanding Teacher Award, Southern Region, 2005. NACTA.
- Teacher Fellow. 2000. NACTA.