

TODD A. BAUGHMAN

Oklahoma State University – Institute for Agricultural Biosciences
3210 Sam Noble Parkway Ardmore, OK 73401

EDUCATION:

- 1994 Ph. D.: Mississippi State University - Weed Science
Minor: Agronomy and Entomology
1992 M. S.: Oklahoma State University – Agronomy/Weed Science
1989 B. S.: Oklahoma State University - Agronomy

EXPERIENCE:

- 07/2018-present **Professor and Weed Scientist, Oklahoma State University – Institute for Agricultural Biosciences, Ardmore, OK.** Responsibilities for conducting weed science field research and educational programs in various cropping systems.
- 10/2011-7/2018 **Program Support Leader, Oklahoma State University – Institute for Agricultural Biosciences, Ardmore, OK.** Responsibilities for administration of the staff, facilities, and budget at the IAB. Conducting weed science field research and educational programs in various cropping systems. Adjunct faculty member of Department of Plant and Soil Sciences – Oklahoma State University and Department of Plant and Soil Science – Texas Tech University.
- 9/2008-10/2011 **Professor, Extension Agronomist, and State Extension Peanut Specialist - Texas AgriLife Extension Service, Vernon, TX.** Responsible for conducting research, educational programs, and training in peanut. Provide statewide leadership for peanut extension agronomy programs. Additional responsibilities include conducting research and educational training in all aspects of crop production for a 25 county area in the Rolling Plains of Texas. Major crops include cotton, wheat, peanut, grain sorghum, and forages, with weed science being area of expertise Adjunct Faculty member with Department of Plant and Soil Science, Texas Tech University.
- 9/2002-8/2008 **Associate Professor, Extension Agronomist, and State Extension Peanut Specialist - Texas AgriLife Extension Service.**
- 4/2002-8/2002 **Assistant Professor, Extension Agronomist, and State Extension Peanut Specialist - Texas AgriLife Extension Service.**

- 9/1996-3/2002 **Assistant Professor and Extension Agronomist - Texas AgriLife Extension Service.**
- 2/1995-8/1996 **Product Development Field Representative - Sandoz Agro, Inc.**
Responsibilities included research, development, and technical sales support of Sandoz agricultural products in North Carolina, South Carolina, and Virginia. Primary crop responsibilities include cotton, peanut, corn, soybean, and wheat.
- 8/1994-1/1995 **Post-Doctoral Research and Extension Assistant - Department of Plant and Soil Sciences, Mississippi State University.** Under the Direction of Drs. D. R. Shaw, J. D. Byrd, Jr., and C. E. Snipes. Responsibilities included developing research and extension publications on weed management and cotton harvest aids, conducting field research, and presenting research and extension information at various professional and producer-oriented meetings particularly emphasizing cotton weed control programs.
- 1/1992-7/1994 **Graduate Research Assistant - Department of Plant and Soil Sciences, Mississippi State University.** Major Professor: Dr. David R. Shaw. Dissertation Title: Off-Site Movement and Persistence of Certain Herbicides.
- 1/1990-12/1992 **Graduate Research Assistant - Department of Agronomy, Oklahoma State University.** Major Professor: Dr. Thomas F. Peeper. Thesis Title: Red Horned Poppy: A New Weed Problem in West Central Oklahoma Winter Wheat Fields.
- 1/1988-12/1990 **Undergraduate Research Assistant - Department of Agronomy, Oklahoma State University.** Under the direction of Dr. Paul W. Santelmann.

ORGANIZATIONS: American Peanut Research and Education Society, Southern Weed Science Society, Weed Science Society of America

HONORS and AWARDS:

- Outstanding Group Award – Oklahoma Cooperative Extension Service – Group Leader, 2018
- American Peanut Research and Education Society Fellow, 2014
- Past President’s Award, American Peanut Research and Education Society, 2013
- DowAgro Sciences Award for Excellence in Education, American Peanut Research and Education Society, 2012
- Superior Service Award, Texas AgriLife Extension Service, 2012
- Specialist of the Year, Texas County Agricultural Agents Association, 2011

- West Texas Agriculture Chemical Institute Institutional Award, 2010
- Outstanding Young Weed Scientist, Southern Weed Science Society, 2006
- Award of Excellence for Websites (The Texas A&M University Peanut Program - <http://peanut.tamu.edu>), American Society of Agronomy A-4 Educational Materials Awards Program, 2005
- Bailey Award Nominee (senior author) for outstanding paper in a section, American Peanut Research and Education Society, 2005
- Syngenta Ag Recognition Tour, 2004
- Syngenta Crop Protection Recognition Award, American Society of Agronomy, 2003
- Special Achievement Award for Extension, Soil Crop Sciences Department, Texas A&M University, 2003
- Bailey Award Nominee (co-author) for outstanding paper in a section, American Peanut Research and Education Society, 2002

PROFESSIONAL ACTIVITIES, EXTENSION ACTIVITIES, and TEACHING EXPERIENCE:

- Vice-President – Southern Weed Science Society, 2022-2023
- Board Member – Academia, Southern Weed Science Society, 2018-2021
- Past-President, American Peanut Research and Education Society, 2012-2013
- President, American Peanut Research and Education Society, 2011-2012
- President-Elect, American Peanut Research and Education Society, 2010-2011
- Program Chair, American Peanut Research and Education Society, 2010-2011
- Secretary-Treasurer, Southern Weed Science Society, 2008-2011
- Board Member (State Employee Representative, Southwest Area), American Peanut Research and Education Society, 2006-2008
- Associate editor of manuscripts for *Weed Science*, 2000-2003
- Reviewer of manuscripts for *Weed Science*, 1995-1999
- Occasional reviewer for *Agronomy Journal*, *Journal of Cotton Science*, *Peanut Science*, *Weed Science*, and *Weed Technology*
- Chair, Cotton Weed Science Research Conference, 2001-2002 Beltwide Cotton Conference
- Member of the American Peanut Research and Education Society: Finance Committee 2012-2017 (Chair, 2014-2017), Site Selection Committee 2001-2004, 2012-2014, 2021-2023 (Chair 2022), Fellows Committee 2008-2010, 2018-2020 (Chair 2009-2010), Bailey Award Committee 2002-2007 (Chair 2002-2007), Ad Hoc Committee on Improving APRES Financial State (2004), Program Committee (2004, 2017), Technical Program Chair 2017.
- Member of the Southern Weed Science Society: Legislative and Regulatory Committee 2018-2023 (Chair 2021-2023), Endowment Foundation Board of Trustees 2008-2011, Finance Committee, 2008-2011, Local Arrangements Committee 2006, 2019 (Chair 2019), Program Section (Chair 2002, 2005, 2006), Student Program Committee 1996-1999, 2001-2005 (Vice-Chair 1998; Chair 1999; Chair 2004-2005), Placement Committee 2000-2002 (Chair 2002), Display Committee 1996-1998, Awards Subcommittees: Outstanding Young Weed Scientist 2017-2023, Outstanding Graduate

- Student 1999-2001 (Chair 2001); Standing Committees: Continuing Education Units, Research, Southern Weed Contest, Weed Resistance and Technology Stewardship;
- Member Weed Science Society of America: Finance Committee (2014-present), Science Policy Committee (2021-present), Teaching and Extension Section 2013-2014 (Chair 2014, Vice Chair 2013), Outstanding Industry Representative Awards Committee, 2008-2014 (Chair 2013-2014); Local Arrangements Committee, 2007.
 - Presided over technical sessions: American Peanut Research and Education Society Annual Meetings, Beltwide Cotton Conferences, Southern Weed Science Society Annual Meetings, and Weed Science Society of America Annual Meetings.
 - Served as judge for the Southern Weed Science Society Graduate Student Competition (1996-1997, 2000-2003, 2006-2020).
 - Presentations at over 600 Extension Meetings and Field Tours as Extension Specialist with Oklahoma State University and Texas A&M University attended by over 25,000 people. Topics included weed control, varietal selection, and production practices in canola, cotton, forage and pasture, grain sorghum, peanut, soybean, and wheat.
 - Assistant Coach, Texas Tech University Weed Science Team.
 - Coordinated and participated in over 20 Crop Production Training Programs for extension educators from Texas and Oklahoma, government agency employees, and private industry representatives.
 - Pesticide Applicator Training Coordinator for Rolling Plains Extension District 2000-2011.
 - Member of the Weed Science Society of North Carolina Distinguished Service Award Committee, 1996.
 - Taught Introductory Weed Science course at Mississippi State University (1 term).
 - Assisted in teaching Herbicide Technology course and Weed Biology and Ecology lab at Mississippi State.
 - Member of 1994-1995 Mississippi Weed Science Committee and Peanut Subcommittee responsible for developing Weed Control Guidelines for Mississippi.

Graduate Student Committees:

Committee member

5 – Ph.D. and 10 M.S. students at Oklahoma State University, Texas Tech University, and Texas A&M University

Committee Chair

- Jennifer L. Dudak, Ph.D (2023, anticipated) – Department of Plant and Soil Sciences Oklahoma State University
- Dylan L. Teeter, M.S. (2018) – Department of Plant and Soil Sciences, Oklahoma State University
- Zachary R. Treadway, Ph.D. (2023, anticipated) - Department of Plant and Soil Sciences Oklahoma State University

GRANT FUNDING (1997-2021)

Senior-P.I = \$1,941,314

Co-P.I. = \$6,529,774

Granting Institutions:

Oklahoma Soybean Board
Oklahoma Peanut Commission
Oklahoma State Support Committee (Cotton Incorporated)
National Peanut Board
United Sorghum Checkoff Program
Various Agricultural Chemical and Seed Companies
Texas Peanut Producers Board
Texas Wheat Producers Board
Texas State Support Committee (Cotton Incorporated)
National Institute of Food and Agriculture
Chevron Corporation
Seymour Aquifer Project
Texas AgriLife Cropping Systems Initiative
Texas State Soil and Water Conservation Board
Texas Water Resources Institute

PUBLICATIONS:

Journal Articles (Senior Author = 7; Co-Author = 40)

Plant Material Releases (Co-Author = 5)

Abstracts (Senior Author = 72 Co-Author = 153)

Extension Publications, Experiment Station Buletins (141)

Popular Press, News, and Other Articles (108)