

P. Ryan Saucier

Home: 1803 Osage Drive, Columbia, MO, 65202, U.S.A.

Office: 125A Gentry Hall, Columbia, MO, 65211, U.S.A.

Office Phone: 573-884-7561, Cell Phone: 936-581-3457

E-mail: prsnq5@mail.missouri.edu or ryansaucier@hotmail.com

Education

Doctor of Philosophy

University of Missouri

Columbia, Missouri

Major: Agricultural Education

Emphasis: Agricultural Systems Management

Dissertation Title: "Self – perceived factors that influence the instruction of agricultural mechanics skill competencies in Missouri"

Advisor: Dr. Robert Terry, Jr.

Graduation Date: December 2009 or May 2010

Master of Science

Sam Houston State University

Huntsville, Texas

Major: Agriculture

Emphasis: Agricultural Mechanization

May 2004

Advisor: Dr. Billy Harrell

Bachelor of Science

Sam Houston State University

Huntsville, Texas

Major: Agricultural Business

Minor: Agricultural Mechanization

December 2001

Teaching Certificate

State of Texas

Vocational Production Agriculture

May 2004

Professional Experience

Position and Institution

Date(s)

Doctoral Research Assistant, Teaching Assistant, & Lecturer

University of Missouri
Agricultural Education and Agricultural Systems
Management Department(s)
Columbia, Missouri 65211

August 2007 - Present

Workshop Developer & Lecturer

Title: "Teaching Agricultural Mechanics Curriculum"
University of Missouri
Columbia, Missouri 65211

July 2009

Workshop Developer & Lecturer

Title: "Horticulture Certification Workshop"
Sam Houston State University
Huntsville, Texas 77341

June 2007

Agricultural Science Teacher

C.E. King Junior High/ High School
Houston, Texas 77044

July 2005 – May 2007

Agricultural Science Teacher

City View Junior High/ High School
Wichita Falls, Texas 76306

July 2004 – June 2005

Graduate Teaching Assistant

Sam Houston State University
Wildlife Recreation and Management
Huntsville, Texas 77341

June 2004

Agricultural Science Student Teacher

Klein Forest High School
Houston, Texas 77066

January 2004 – May 2004

Professional Experience

<i>Position and Institution</i>	<i>Date(s)</i>
Graduate Teaching Assistant Sam Houston State University Agricultural Mechanization & Plant Science Huntsville, Texas 77341	August 2002 – December 2003
Contract Curriculum Developer CEV Multimedia, Ltd. Lubbock, Texas 79404	February 2003 – March 2003
Sergeant of Correctional Officers & Correctional Officer Texas Department of Criminal Justice Huntsville, Eastham and Wynne Unit(s) Huntsville, Texas 77348 & Lovelady, Texas 75851	April 1997 – August 2002
Enterprise Leasing Corporation Sales & Marketing Intern Conroe, Texas 77301	June – August 2001
Reliable Automotive Parts Company Salesperson/Delivery Driver/Tire Technician Huntsville, Texas 77320	October 1995 – April 1997
Mc Donald's USA Kitchen Crewmember Huntsville, Texas 77340	May 1995 – October 1995

Refereed Research Publications

Saucier, P.R., Tummons, J.D., Terry, Jr. R, & Schumacher, L.G. (2009). Professional development in-service needs of Missouri agricultural educators. *2009 Proceedings of the Western - American Association for Agricultural Education Conference, USA.*
(In-review)

Saucier, P.R., Funkenbusch, K., Schumacher, L.G., & Madsen, M. A review of Midwestern all-terrain vehicle accidents, injuries and fatalities. *2009 Proceedings of the National Institute for Farm Safety Conference, USA.*

Saucier, P.R., Schumacher, L.G., & Funkenbusch, K. (2009). A multi-state review of all-terrain vehicle accidents, injuries, and fatalities. *2009 Proceedings of the Annual Mid-Central Meeting of the American Society of Agricultural and Biological Engineers, USA.*

Saucier, P.R., Schumacher, L.G., & Tummons, J.D. (2009). Essential agricultural mechanics skills for beginning agriculture educators as perceived by expert Missouri agricultural educators. *2009 Proceedings of the Annual International Meeting of the American Society of Agricultural and Biological Engineers, USA.*

Saucier, P.R., Terry, Jr. R, & Schumacher, L. G. (2009). Laboratory management in-service needs of Missouri agriculture educators. *2009 Proceedings of the Southern Region of the American Association for Agriculture Education Conference, USA, 176-192.*

Saucier, P. R., Schumacher, L.G., & Funkenbusch, K. (2008). A review of Missouri all-terrain vehicle accidents, injuries, and fatalities. *2008 Proceedings of the National Agricultural Mechanics Committee Blue Ribbon Poster Session, USA, 27-37.*

Saucier, P. R., Schumacher, L. G., Terry, Jr. R., Funkenbusch, K., & Johnson, D. M. (2008). Agricultural mechanics laboratory management competencies: A review of perceptions of Missouri agricultural science teachers concerning importance and performance ability. *2008 Proceedings of the Annual International Meeting of the American Society of Agricultural and Biological Engineers, USA.*

Refereed Research Poster Presentations

Saucier, P.R., Tummons, J. D., Schumacher, L.G., & Terry, Jr. R. (2009). *FFA professional development needs of Missouri agricultural educators*. Poster session presented at the 2009 North Central Region of the American Association for Agricultural Education Conference, Lincoln, NE.

Saucier, P. R. & Terry, Jr., R. (2009). *Selected demographics of Missouri agricultural mechanics programs*. Poster session presented at the 2009 American Association for Agricultural Education Conference, Louisville, KY.

Saucier, P. R., Schumacher, L. G., & Funkenbusch, K. (2008). *A review of Missouri all-terrain vehicle accidents, injuries and fatalities*. Poster session presented at the 2008 National Agricultural Mechanics Committee Blue Ribbon Poster Session. Indianapolis, IN.

Saucier, P. R. & Terry, Jr., R. (2008). *Selected demographics of Missouri agricultural mechanics programs*. Poster session presented at the 2008 North Central Region of the American Association for Agricultural Education Conference, Ithaca, NY.

Refereed Innovative Poster Presentations

Saucier, P. R. & Tummons, J. D. (2009). *Professional development through winter technical institutes: Agricultural electrification*. Poster session presented at the 2009 North Central Region of the American Association for Agricultural Education Conference, Lincoln, NE.

Saucier, P.R., Lambert, M.D, & Terry, Jr. R. (2009). *Using vodcasts for reflective teaching within an agricultural mechanics course*. Poster session presented at the 2009 American Association for Agricultural Education Conference, Louisville, KY.

Invited Presentations

Saucier, P.R. (2009). *Linking CDEs to the curriculum*. University of Missouri, Department of Agricultural Education, Columbia, MO. (*Professional Development Presentation*)

Saucier, P.R. (2009). *Metal fabrication techniques used for sculpture design and construction*. University of Missouri, Department of Art, Columbia, MO. (*Professional Development Presentation*)

Saucier, P. R. (2008). *A review of Missouri all-terrain vehicle accidents, injuries and fatalities*. University of Missouri Annual Agricultural Engineer Extension Conference, Columbia, MO. (*Research Presentation*)

Saucier, P. R. (2008). *Instructional strategies and lab projects for introduction to agricultural mechanics and home improvement and repair classes*. 2008 Area 3 Mid-Winter Agricultural Science Teachers Conference, College Station, TX. (*Professional Development Presentation*)

Saucier, P. R. (2007). *Integrating agricultural mechanics curriculum and SAE projects into 8th grade agricultural science programs*. 2007 Texas Agricultural Science Teachers Conference, Arlington, TX. (*Professional Development Presentation*)

Awards & Honors

- 1st Place, Outstanding Research Poster, North Central Region – American Association for Agricultural Education, “FFA Professional Development Needs of Missouri Agricultural Educators”, 9/2009
- 1st Place, Outstanding Innovative Poster, North Central Region – American Association for Agricultural Education, “Professional Development through Winter Technical Institutes: Agricultural Electrification”, 9/2009
- 1st Runner-Up, Outstanding Research Poster, North Central Region – American Association for Agricultural Education, “Selected Demographics of Missouri Agricultural Mechanics Programs”, 9/2008
- Outstanding Student Member, Sam Houston State University Agricultural Mechanization Club, 12/2002
- 2002 Superior Student Service Award, Texas Section of the American Society of Agricultural Engineers, 10/2002
- Honored Student, The National Dean's List, 5/2001

Grants & Fellowships

- Preparing Leaders and Managers for the Bio-Energy Industry, USDA- CREES Higher Education Challenge Grant, 1/2009, (Not Funded)
- ATV Safety Habits and Attitudes of Selected East Texas Agricultural Youth, Southwest Center for Agricultural Health, Injury Prevention and Education, 5/2008, (Not Funded)
- Introduction to Bio-Fuels Course, Agrowknowledge.org , 4/2008, (Not Funded)
- City View I.S.D. Agricultural Mechanics Equipment Improvement, North Texas Tech Prep Consortium, 12/2004, (Funded, \$2,000)

Funded Research

- A Surveillance of Midwestern ATV Incidents, Injuries and Fatalities, University of Missouri, 6/2008 – 12/2008, Karen Funkenbusch, \$6,250

University Teaching Experience

University of Missouri, Columbia, Missouri

Agricultural Systems Management 4320: Agricultural Machinery & Equipment Management, Fall 2009

Duties

- Developed laboratory experiences and assessments
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

Agricultural Systems Management 3350: Chemical Application Equipment, Fall 2009

Duties

- Developed laboratory experiences and assessments
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

Agricultural Education 4320: Designing Curriculum and Instruction in Agriculture, Spring 2009

Duties

- Supervised student assessment and classroom learning experiences
- Facilitated group discussions about workshop planning and design
- Instructed students about various aspects of curriculum instruction and design
- Maintained student academic records

University Teaching Experience

University of Missouri, Columbia, Missouri

Agricultural Education 4321: Integrated Field Experience II, Spring 2009

Duties

- Supervised and facilitated the placement of student teachers at Missouri public schools
- Supervised and coordinated student superintendents for the Missouri FFA Career Development Events
- Instructed students about various aspects of the agricultural education pre-service program at the University of Missouri
- Maintained student academic records

Agricultural Education 2220: Verbal Communications in Agriculture, Food and Natural Resources, Spring 2008

Duties

- Instructed students about various aspects of agricultural communication
- Instructed students about various aspects of presentation technology
- Supervised the scheduling of student presentations
- Maintained student academic records

Agricultural Systems Management 2340: Pesticide Application Equipment, Spring 2008 & Spring 2009

Duties

- Instructed students about various aspects of pesticide application equipment and integrated pest management
- Developed multi-media curriculum for the course
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

University Teaching Experience

University of Missouri, Columbia, Missouri

Agricultural Education 3320: Metal Fabrication and Laboratory Management, Fall 2007, Fall 2008, & Fall 2009

Duties

- Developed laboratory management competencies and curriculum
- Instructed laboratory management skill competencies and concepts
- Planned, ordered and maintained adequate laboratory supplies and materials
- Developed and instructed laboratory safety policies and procedures
- Supervised and coordinated student teaching presentations
- Coordinated student field trips and guest speakers
- Supervised student safety and personal protection requirements
- Maintained student academic records

Agricultural Systems Management 1020: Introduction to Agricultural Systems Management, Fall 2007, Fall 2008, & Fall 2009

Duties

- Instructed students about various aspects of agricultural systems management
- Developed multi-media curriculum for the course
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

Agricultural Systems Management 4140: Electricity: Wiring and Equipment, Fall 2007, Fall 2008, Fall 2009

Duties

- Instructed students about various aspects of agricultural electrification
- Developed multi-media curriculum for the course
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

University Teaching Experience

Sam Houston State University, Huntsville, Texas

AGR 162: Introduction to Agricultural Mechanization and Engineering, Fall 2002 & Fall 2003

Duties

- Instructed students about various aspects of agricultural mechanization including: arc welding, wood working, oxygen/ acetylene cutting, and plumbing
- Developed multi-media curriculum for the course
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

AGR 330: Agricultural Electrification, Fall 2002 & Fall 2003

Duties

- Instructed students about various aspects of agricultural electrification
- Developed multi-media curriculum for the course
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

AGR 331: Mechanization in Agriculture, Fall 2002 & Fall 2003

Duties

- Instructed students about various aspects of agricultural mechanization including: soil and water management, small gas engines and agricultural electrification
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

University Teaching Experience

Sam Houston State University, Huntsville, Texas

AGR 386: Agricultural Structures and Environmental Control Systems, Fall 2002 & Fall 2003

Duties

- Instructed students about various aspects of agricultural structures
- Supervised student construction of various structural projects
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

AGR 481: Advanced Agricultural Mechanics, Spring 2003

Duties

- Instructed students about various aspects of agricultural machinery and equipment
- Supervised student construction of various agricultural power projects
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

AGR 487: Agricultural Engines and Tractors, Spring 2003

Duties

- Instructed students about various aspects of agricultural machinery and equipment
- Supervised student construction of various agricultural power projects
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

University Teaching Experience

Sam Houston State University, Huntsville, Texas

AGR 165: Plant Science, Fall 2003

Duties

- Instructed students about various aspects of plant science and greenhouse management
- Supervised student construction of various horticultural projects and experiments
- Coordinated laboratory equipment and space requirements
- Supervised student safety and personal protection requirements
- Maintained student academic records

Teaching Evaluations

Courses	Semester Taught	# of Students	Instructor's Explanations	Use of Examples & Illustrations	Quality of Questions or Problems Raised	Instructor's Enthusiasm	Instructor's Knowledge	Encouragement of Students' Self-Expression	Answers to students questions	Use of Technology
Ag Ed 3320 <i>Metal Fabrication and Laboratory Management</i>	F07	16	3.8	4.4	4.0	4.3	4.1	4.4	4.2	4.3
Ag Ed 3320 <i>Metal Fabrication and Laboratory Management</i>	F08	16	4.1	4.6	4.4	4.6	4.5	4.5	4.3	4.5

Note. Evaluations only available for select lab/recitation sections. Based on a 5-point scale: 5 = high, 1 = low.

University Supervision

Agricultural Education Society, Graduate Student Advisor, 8/2007 – Present

- Advised undergraduate student organization
- Attended executive, business, and social meetings

Agricultural Systems Management Club, Graduate Student Advisor, 8/2007 – Present

- Advised undergraduate student organization
- Attended executive, business, and social meetings

Agricultural Education Student Teacher Pre-Service, University Supervisor, 1/2009 – 5/2009

- Conducted multiple observation visits during the sixteen week student teaching experience
- Provided guidance and mentoring for student teachers
- Assessed progress of student teachers
- Served as a university liaison to cooperating teachers and school administrators

Agricultural Education Graduate Student Association, Career Development Event Scoring Coordinator, 1/2009 – Present

- Organized training workshops for participating students
- Coordinated and organized CDE event scoring for the state of Missouri

Certifications & Licensure

- Institutional Review Board Training, Texas A&M University, 12/2008
- Youth Protection Training, Boy Scouts of America, 10/2008
- Registered Adult Leader, Boy Scouts of America, 10/2008
- Sexual Harassment Compliance Training, University of Missouri, 8/2008
- Institutional Review Board Training, University of Missouri, 9/2007
- Advanced Technical Credit Certification, Texas Education Agency, 9/2004
- Hunter Education Instructor Certification, Texas Parks and Wildlife Department, 8/2004
- 10 and 30 Hour OSHA Safety Training Certification, Occupational Safety and Health Administration, 6/2004
- Work Based Learning Certification, Texas Education Agency, 6/2004
- Agricultural Mechanics Certification, Texas Education Agency, 6/2003
- Horticultural Industry Certification, Texas Education Agency, 6/2002
- Basic Human Resources Training Certification, Texas Department of Criminal Justice, 12/1999
- Cultural Diversity Training Certification, Texas Department of Criminal Justice, 6/1998

Professional Organizations

- American Association of Agricultural Educators , 9/2007 – Present
- American Society of Agricultural and Biological Engineers, 9/2007– Present
- North American Colleges and Teachers of Agriculture, 10/2008 – Present
- Vocational Agricultural Teachers Association of Texas, 1/2004 – Present

Service Activities

- National Agricultural Mechanics Career Development Event Committee, member, National FFA Organization, 10/2009 – present
- American Society of Agricultural and Biological Engineers, ED 205 – Engineering Technology & Management Education Committee, member, 6/2009 – Present
- Agricultural Mechanics Career Development Event Workshop, Director , Missouri FFA Association, 08/2009 – 10/2009
- Houston Livestock Show and Rodeo, Agricultural Mechanics Project Show, Judge, 3/2009
- Missouri FFA Association, Area 4 Speaking Contest Judge, 3/2009
- Southern Region of the American Association of Agricultural Education, Session Facilitator, 2/2009
- Missouri Department of Elementary and Secondary Education, Agricultural Electrification Workshop, Co- Facilitator, 12/2008
- Boys Scouts of America, Farm Mechanics Merit Badge Workshop, Merit Badge Counselor, 12/2008
- North Central Region of the American Association of Agricultural Education, Outstanding Paper Presentation Judge, 10/2008
- American Society of Agricultural and Biological Engineers, ED 206 – Agricultural Technical & Management Curriculum Review & Program Recognition Committee, member, 6/2008 – Present
- Agricultural Systems Management Club, Graduate Student Advisor, University of Missouri, 8/2007 – Present
- Agricultural Education Society, Graduate Student Advisor, University of Missouri, 8/2007 – Present
- Tiger Boot Camp, University of Missouri, Department of Agricultural Education, 8/2008
- Transportation Services, Transportation Liaison for Conference Guests, National Association of State Universities and Land Grant Colleges/Association for European Life Science Universities Conference, 4/2008
- Agricultural Mechanics and FFA Knowledge Career Development Event Contest, Agricultural Education Liaison, Missouri FFA Association, 4/2008 – present

Service Activities (cont.)

- Team Building Exercises for Agricultural Education 2260: Team and Organizational Leadership Class, Facilitator, University of Missouri, 2/2008 & 2/2009
- Agricultural Mechanics Career Development Event Workshop, Director , North Dakota FFA Association, 10/2007
- Agricultural Mechanics Career Development Event, Judge, National FFA Organization, 10/2000 - 10/2003 & 10/2007 – Present
- Motivation and Teamwork Seminar for the College of Business Student Ambassadors, Facilitator, University of Missouri, 10/2007
- North Central AAAE Conference, Facilitator, University of Missouri, 9/2007

Research Interests

- Agricultural teacher preparation and in-service training
- Collegiate faculty professional development
- Agricultural safety and health
- Agricultural machinery and equipment safety
- Industry sponsored in-service training for agricultural teachers
- Renewable energy and bio-fuel technology

Professional Development

- “Grants from Ground Zero”, University of Missouri, Office of Research and the Grant Writer Network, September 2009
- Professional Development Workshop, American Association for Agricultural Education Conference, May 2009
- Barrick Symposium: “Growing Gray, But Not Old in Education”, American Association for Agricultural Education Conference, May 2009
- Professional Development Workshop, Student Teacher Supervision, Southern Region of the American Association for Agricultural Education Conference, February 2009
- Professional Development Workshop, American Association for Agricultural Education Conference, May 2008
- Barrick Symposium: “The Green Book: 20 Years of Retrospection” American Association for Agricultural Education Conference, May 2008
- “Developing E- Portfolios”, University of Missouri, Department of Agricultural Education, January 2008

References

- Dr. Leon Schumacher
University of Missouri
Professor
Agricultural Systems Management
207 Agricultural Engineering
Building
Columbia, MO 65211
573-882-2126
SchumacherL@missouri.edu
- Dr. Dwayne Pavelock
Sam Houston State University
Assistant Professor
Agricultural Education
P.O. Box 2088
Huntsville, TX 77341
(936)-294-1186
agr_dxp@shsu.edu
- Dr. Robert Terry, Jr.
University of Missouri
Professor & Department Chair
Agricultural Education
127 Gentry Hall
Columbia, MO 65211
573-884-7375 phone
RobTerry@missouri.edu
- Dr. Joe Muller
Sam Houston State University
Associate Professor
Agricultural Mechanization
P.O. Box 2088
Huntsville, TX 77341
(936)-294-4877
agr_jem@shsu.edu
- Dr. Billy Harrell
Sam Houston State University
Retired Professor
Agricultural Mechanization
221 Westridge Drive
Huntsville, TX 77340
(936)-295-2701
BillyHarrell@att.net