

Dustin K. Perry

Curriculum Vita

Work Address

230 Linfield Hall
Bozeman, MT 59717
Work phone: 406-994-5773
Dustin.Perry@Montana.edu

Education

- Doctor of Philosophy **Iowa State University, Ames, IA**
Agricultural Education, May 2014
Dissertation: Exploring critical thinking skills among
undergraduate agriculture education and studies students
- Master of Science **Texas A&M University – Commerce, Commerce, TX**
Agricultural Sciences, August 2010
Thesis: Comparison of safety conditions and practices in selected
secondary agricultural mechanics programs
- Bachelor of Science **Texas A&M University – Commerce, Commerce, TX**
Broadfield Agricultural Sciences, May 2009

Professional Experience

- 2014 to Present **Assistant Professor**
Division of Agricultural Education
College of Agriculture
Montana State University (MSU), Bozeman, MT.
- Enhance the MSU agricultural education instructional program by providing primary instructional leadership for courses related to agricultural systems technology; teaching traditional and on-line graduate and undergraduate courses; advising undergraduate and graduate students; supervising agricultural education teaching candidates and interns; developing a sustainable research program that will advance agricultural education; securing funding from external sources to support a sustainable research program; and participating in outreach and summer stakeholder activities.
- 2011 to 2014 **Graduate Teaching Assistant**
Department of Agricultural Education and Studies
College of Agriculture and Life Sciences
Iowa State University (ISU), Ames, IA.

Teach undergraduate level courses in agricultural education. Conduct research in agricultural mechanics. Develop curriculum for the Agricultural Marketing Resource Center. Assist in hosting agricultural mechanics professional development events for secondary agricultural education and industrial technology instructors. Serve as graduate student advisor for the Farm Operations Club and Postsecondary Agricultural Student Organization.

2011 to 2014

Adjunct Professor

*Department of Agricultural Sciences
College of Science, Engineering and Agriculture
Texas A&M University – Commerce, Commerce, TX.*

Teach undergraduate courses in agricultural mechanics. Conduct agricultural mechanics professional development events. Assist with FFA Career and Leadership Development Events.

2009 to 2011

Graduate Teaching Assistant

*Department of Agricultural Sciences
College of Science, Engineering and Agriculture
Texas A&M University – Commerce, Commerce, TX.*

Teach undergraduate level courses in agricultural mechanics. Conduct research in agricultural mechanics. Assist with FFA Career and Leadership Development Events.

Professional Development Experience

Fall 2012	Lincoln Electric – Welding Educator’s Workshop – Cleveland, OH.
Summer 2009	Lincoln Electric – Welding Educator’s Workshop – Sam Houston State University, Huntsville, TX.

Teaching Responsibilities

Course Instructor: Montana State University, Bozeman, MT
Division of Agricultural Education

AGED 333 – Construction Technology

Fall 2014

Catalog course description: Various construction systems that are used to construct structures on site. Includes all aspects of the construction industry such as basic planning, materials, estimating, building techniques, managing, and the actual construction of building projects.

AGTE 355 – Power Systems Operational Control

Fall 2014

Catalog course description: A study of internal combustion engine systems and the electronic control of these systems. Emphasis on power service, fuel, electrical, ignition, and emission systems used on modern engines. Lab activities include testing, adjusting, and servicing the various systems.

Course Instructor: Iowa State University, Ames, IA.
Department of Agricultural Education and Studies

AgEdS 450 – Farm Management and Operation

Summer 2012 to Fall 2013

Catalog course description: Participation in the management and operation of a diversified Iowa farm. The class is responsible for the plans, records, and decisions for buying and selling the farm's livestock, crops, and equipment.

Teaching Assistant: Iowa State University, Ames, IA.
Department of Agricultural Education and Studies

AgEdS 450 – Farm Management and Operation

Fall 2011 & Spring 2012

Catalog course description: Participation in the management and operation of a diversified Iowa farm. The class is responsible for the plans, records, and decisions for buying and selling the farm's livestock, crops, and equipment.

Course Instructor: Texas A&M University – Commerce, Commerce, TX.
Department of Agricultural Sciences

AMC 297 – Welding Techniques

Spring 2011 & Spring 2014

Catalog course description: This course introduces shielded metal arc welding and gas metal arc welding processes. Topics include equipment setup and fillet and groove welds with emphasis on application of SMAW and GMAW electrodes on steel plate.

AMC 315 – Agricultural Systems Technology Management

Fall 2010

Catalog course description: Theoretical and practical application of mechanical and information technology in managing agricultural systems with emphasis on structures, energy, and natural resources.

AMC 423 – Natural Resource Management (Online)

Spring 2011 – Spring 2014

Catalog course description: An investigation of best management practices and conservation techniques used by land owners and managers to protect renewable natural resources from intensive agricultural production methods. Emphasis will be on preventing soil loss and contamination, maintaining water quality, and protecting wildlife habitat.

AMC 424 – Agricultural Safety

Summer 2011

Catalog course description: Principles and strategies for implementing safety training and reducing risk of injuries in agricultural enterprises including shop and machinery operations, chemical applications, livestock handling, transportation, and farm-based recreation.

AMC 428 – Laboratory Management in Agricultural Mechanization

Summer 2012

Catalog course description: Principles and techniques for planning, organizing, and supervising instructional activities in agricultural mechanization. Topics include lab safety, inventory control, equipment selection, skill development, and assessment methods.

Teaching Assistant: Texas A&M University – Commerce, Commerce, TX.
Department of Agricultural Sciences

AMC 315 – Agricultural Systems Technology Management

Fall 2009

Catalog course description: Theoretical and practical application of mechanical and information technology in managing agricultural systems with emphasis on structures, energy, and natural resources.

ANS 317 – Livestock Management Techniques

Spring 2010

Catalog course description: Application of animal handling and management techniques for dairy, beef, sheep, swine and poultry.

AMC 424 – Agricultural Safety

Summer 2009

Catalog course description: Principles and strategies for implementing safety training and reducing risk of injuries in agricultural enterprises including shop and machinery operations, chemical applications, livestock handling, transportation, and farm-based recreation.

National Service

National FFA Organization

National Agricultural Mechanics CDE Staff Member (Fall 2011-2012)

National Postsecondary Agriculture Student Organization
Agricultural Machinery Service Technician Judge (Spring 2012)

State Service

Iowa FFA Association

Ag Mech CDE Individual Skill Co-Coordinator (Summer 2014)
Ag Mech CDE Team Activity Co-Coordinator (Summer 2013)
Agricultural Issues CDE Judge (Spring 2013)
Ag Mech CDE Team Activity Co-Coordinator (Summer 2012)

Iowa Postsecondary Agriculture Student Organization

Ag Mech Machinery Employment Interview Judge (Spring 2013)
Agricultural Knowledge Quiz Bowl Facilitator (Spring 2012)

Texas FFA Association

Area V and VI Regional CDE Ag Mech Judge/ Facilitator (2010 – 2013)
Area V and VI Regional LDE Judge/Facilitator (2009 - 2010)

University Service

Agriculture Business Program Evaluation – Iowa State University
Interviewer for participant exit interviews (Spring, 2014)

Agricultural Entrepreneurship Initiative – Iowa State University
Panelist for agricultural student entrepreneur sales pitches (Fall 2013)

Science with Practice – Iowa State University
Poster judge (Fall 2011 - Spring 2013)

Professional Service American Association for Agricultural Education – National Meeting

Research Poster Reviewer (2014)
Innovative Idea Poster Reviewer (2013)
Research Session Facilitator (2013)

National Agricultural Mechanics Professional Development Seminar/Blue Ribbon Posters

Research Paper Reviewer (2012, 2013)

Southern Association of Agricultural Scientists Agricultural Communications

Innovative Idea Poster Reviewer (2012)

American Association for Agricultural Education - North Central Region

Research Poster Reviewer (2014)
Research Session Facilitator (2011)

American Association for Agricultural Education - Southern Region
Research Poster Judge (2011)

Professional Associations

American Association for Agricultural Education – Member	2011 - Present
Association for Career and Technical Education – Member	2011 - Present
National Association of Agricultural Educators – Member	2011 - Present

National Meetings

1. American Association for Agricultural Education – Salt Lake City, UT. (2014) – **Presenter**
2. American Association for Agricultural Education – Columbus, OH. (2013) – **Facilitator/Presenter**
3. Association for Career and Technical Education Research (ACTER) – Atlanta, GA. (2012) – **Presenter**
4. National FFA Convention – Indianapolis, IN. (2012) – **Facilitator/Presenter**
5. American Association for Agricultural Education – Asheville, NC. (2012) – **Presenter**
6. National Association of Agricultural Educators Convention (NAAE) – St. Louis, MO. (2011) – **Presenter**
7. National FFA Convention – Indianapolis, IN. (2011) – **Facilitator/Presenter**
8. National Postsecondary Agricultural Students – Des Moines, IA. (2011) **Advisor/Judge**

Regional Meetings

1. North Central Agricultural Education Conference, Champagne, IL. (2012) – **Presenter**
2. North Central Agricultural Education Conference, University Park, PA. (2011) – **Presenter/Facilitator**
3. Southern Agricultural Education Research Conference, Birmingham, AL. (2011) – **Presenter/Judge**

State Meetings

1. Montana Association of Agricultural Educators Conference – Great Falls, MT. (2014)
2. Iowa Association of Agricultural Teachers Conference – Ankeny, IA. (2012) – **Presenter**
3. Iowa Educational Research and Evaluation Association, Ames, IA. (2011) – **Presenter**
4. Texas A&M University Pathways Symposium, Canyon, TX. (2010) – **Presenter**
5. Texas FFA Convention – Agricultural Mechanics (2009) – **Facilitator**
6. Texas A&M University Pathways Symposium, Laredo, TX (2009) – **Presenter**

Refereed Journal Article

1. **Perry, D. K.**, Retallick, M. S., & Paulsen, T. H. (2014). A critical thinking benchmark for a department of agricultural education and studies. *Journal of Agricultural Education, in press.*
2. Wells, T., **Perry, D. K.**, Anderson, R. G., Shultz, M. J., & Paulsen, T. H. (2013). Does prior experience in secondary agricultural mechanics affect pre-service agricultural education teachers' intentions to enroll in post-secondary agricultural mechanics coursework? *Journal of Agricultural Education, 54(4), 222-237.* 42.5% Acceptance Rate.

3. **Perry, D. K.**, Williams, R. L., & Anderson, R. G. (2012). Safety conditions and practices in secondary agricultural mechanics programs. *Journal of Agricultural Systems, Technology and Management*, 23, 45-55. 43% Acceptance Rate.

Refereed Paper Presentations

1. **Perry, D. K.**, Retallick, M. S., & Paulsen, T. H. (2014). *Establishing a benchmark for critical thinking within a department of agricultural education and studies*. Presented at the American Association for Agricultural Education Conference, Salt Lake City, UT.
2. Wells, T., **Perry, D. K.**, Anderson, R. G., Shultz, M. J., & Paulsen, T. H. (2013). *Does prior experience in secondary agricultural mechanics affect pre-service agricultural education teachers' intentions to enroll in post-secondary agricultural mechanics coursework?* Presented at the American Association for Agricultural Education Conference, Columbus, OH.
3. **Perry, D. K.**, Williams, R. L., & Anderson, R. G. (2011). *Safety conditions and practices in secondary agricultural mechanics programs*. Presented at North Central Region American Association for Agricultural Education, State College, PA.

Refereed Poster Presentations

1. Byrd, A., Anderson, R., Perry, D. & Wells, T. (2014). *Utilizing the Agricultural Marketing Resource Center (AgMRC) Website to Increase the Critical Thinking Skills*. Presentation presented at the 60th Annual North American Colleges and Teachers of Agriculture Conference, Bozeman, MT.
2. Wells, T., Anderson, R., **Perry, D.**, & Byrd, P. (2014). *Utilizing the agricultural marketing resource center (AgMRC) website to increase the critical thinking skills of secondary agricultural education students*. Poster presented at the American Association for Agricultural Education Conference, Salt Lake City, UT.
3. Wells, T., Anderson, R., **Perry, D.**, & Byrd, P. (2013). Utilizing the agricultural marketing resource center (AgMRC) website to increase the critical thinking skills of secondary agricultural education students. Presented at the North Central Region American Association for Agricultural Education Conference, Platteville, WI. **Tied for 1st runner up student innovative idea poster.**
4. Byrd, P., Shultz, M., **Perry, D.**, & Anderson, R. (2013). *Big brother is watching... utilizing split-screen technology to enhance teacher efficacy*. Presented at the American Association for Agricultural Education Conference, Columbus, OH.
5. **Perry, D.**, Byrd, P., Shultz, M., & Anderson, R. (2013). *The sixth sense: Developing an agricultural mechanics laboratory awareness*. Presented at the American Association for Agricultural Education Conference, Columbus, OH.

6. Byrd, P., Shultz, M., **Perry, D.**, & Anderson, R. (2012). *Big brother is watching... utilizing split-screen technology to enhance teacher efficacy*. Presented at Southern Region American Association for Agricultural Education Conference, Birmingham, AL. **1st place student innovative idea poster**.
7. Paulsen, T. H. & **Perry, D.** (2012). *Peer- and self-assessment in a capstone farm management course: using an individual personal reflection activity*. Presented at Association for Career and Technology Educational Research Conference, Atlanta, GA.
8. **Perry, D.**, Byrd, P., Shultz, M., & Anderson, R. (2012). *The sixth sense: Developing an agricultural mechanics laboratory awareness*. Presented at Southern Region American Association for Agricultural Education Conference, Birmingham, AL.
9. **Perry, D.**, Shultz, M. J., Anderson, R. G., & Paulsen, T. H. (2012). *The relationship between the amount of agricultural mechanics training and skills received at the secondary and post-secondary levels*. North Central Region American Association for Agricultural Education Conference, Champaign, IL.
10. Shultz, M., **Perry, D.**, Byrd, P., & Anderson, R. (2012). *Reducing school liability by incorporating brake activation devices on woodworking equipment*. Presented at the American Association for Agricultural Education Conference, Asheville, NC.
11. Shultz, M., **Perry, D.**, Byrd, P., & Anderson, R. (2012). *Reducing school liability by incorporating brake activation devices on woodworking equipment*. Presented at Southern Region American Association for Agricultural Education Conference, Birmingham, AL.
12. **Perry, D.**, Williams, R. L., & Anderson, R. G. (2011). *Comparison of personal protection equipment availability and usage in selected secondary agricultural mechanics programs*. Presented at Iowa Educational Research and Evaluation Association, Ames, IA.
13. **Perry, D.**, Williams, R. L., & Anderson, R. G. (2011). *Comparison of safety conditions and practices in selected secondary agricultural mechanics programs*. Presented at Association of Career and Technology Educational Research Conference, St. Louis, MO.

Non-Refereed Poster Presentations

1. Byrd, P., Shultz, M., **Perry, D.**, & Anderson, R. (2012). *Big brother is watching... utilizing split-screen technology to enhance teacher efficacy*. Presented at CELT Teaching Poster Symposium. Ames, IA.
2. Byrd, P., Shultz, M., **Perry, D.**, & Anderson, R. (2012). *Big brother is watching... utilizing split-screen technology to enhance teacher efficacy*. Presented at National Agricultural Mechanics Contest Blue Ribbon Presentation. Indianapolis, IN.

3. **Perry, D.**, Byrd, P., Shultz, M., & Anderson, R. (2012). *The sixth sense: Developing an agricultural mechanics laboratory awareness*. Presented at the CELT Teaching Poster Symposium. Ames, IA.
4. **Perry, D.**, Shultz, M. J., Anderson, R. G., & Paulsen, T. H. (2012). *The relationship between the amount of agricultural mechanics training and skills received at the secondary and post-secondary levels*. Presented at National Agricultural Mechanics Contest Blue Ribbon Presentation. Indianapolis, IN. **2nd place research poster.**
5. **Perry, D.**, Williams, R. L., & Anderson, R. G. (2011). *Comparison of personal protection equipment availability and usage in selected secondary agricultural mechanics programs*. Presented at National Agricultural Mechanics Contest Blue Ribbon Presentation. Indianapolis, IN.
6. **Perry, D.** & Williams, R. L. (2010). *An analysis of select factors on agricultural safety exam scores*. Presented at Texas A&M University – Commerce Research Symposium, Commerce, TX. **1st place poster.**
7. **Perry, D.** & Williams, R. L. (2010). *Comparison of safety conditions and practices in selected secondary agricultural mechanics programs*. Presented at Texas A&M University Pathways Symposium, Canyon, TX.
8. **Perry, D.** & Williams, R. L. (2009). *An analysis of select factors on agricultural safety exam scores*. Presented at Texas A&M University Pathways Symposium, Laredo, TX. **2nd place master's level research poster in education division.**

Professional Training and Workshops Conducted

1. Byrd, P., Anderson, R., & **Perry, D.** (2013). Beginning Arc Welding Workshop. Ames, IA.
2. Byrd, P., **Perry, D.**, & Shultz, M. (2012). Beginning Electricity Workshop. Ames, IA.
3. Byrd, P., **Perry, D.**, Shultz, M., & Anderson, R. (2012). Beginning Oxy-Fuel Welding Workshop. Ames, IA.
4. Byrd, P., **Perry, D.**, Shultz, M., & Anderson, R. (2012). MIG Welding Workshop for ISU farm workers. Ames, IA.
5. Byrd, P., **Perry, D.**, Shultz, M., & Anderson, R. (2012). Beginning MIG Welding Workshop. Ames, IA.
6. **Perry, D.** & Williams, R. L. (2012). Beginning Arc Welding and Oxy-Fuel Cutting Workshop. Commerce, TX.
7. Byrd, P., **Perry, D.**, Shultz, M., & Anderson, R. (2011). Beginning Arc Welding Workshop. Ames, IA.

8. **Perry, D.**, Byrd, P., & Anderson, R. (2011). *Electricity 101: Basic electrical wiring fundamentals*. Presentation given at the National Association of Agricultural Education Teachers Conference, St. Louis, MO.

Invited Presentations

1. **Perry, D.** (Fall, 2012). How to Create a Scientific Research Poster. Presented to Science with Practice Class at Iowa State University. Ames, IA.
2. **Perry, D.** (2012). MIG Welding Safety. Presentation given to Iowa State University Farm Managers. Ames, IA.
3. **Perry, D.** (2012). Arc Welding Safety. Presentation given to Iowa State University Farm Managers. Ames, IA.
4. **Perry, D.** (2012). STEAM. Presentation given to the Center for Excellence in Science, Mathematics, and Engineering Education at Iowa State University. Ames, IA.
5. **Perry, D.** (Spring, 2012). How to Create a Scientific Research Poster. Presented to Science with Practice Class at Iowa State University. Ames, IA.
6. **Perry, D.** (2011). Shop Safety. Presentation given to Iowa State University Farm Managers. Ames, IA.