

CURRICULUM VITAE

NAME

Enns, Kellie J

ADDRESS

Agricultural and Resource Economics
College of Agricultural Sciences

Clark Building
1172 Campus Delivery

PHONE

(970) 491-0678

EDUCATION

- 2008 Ph D, Colorado State University
- 1996 MS, Colorado State University
- 1993 BS, Washington State University

ACADEMIC POSITIONS

- August 1, 2008 - Present Assistant Professor, Colorado State University.
- August 1, 2007 - June 30, 2008 Instructor, Colorado State University.
- January 2002 - May 2007 Graduate Teaching Assistant, Colorado State University.
- July 1997 - June 2005 Agricultural Education Teacher/Vocational Director, Valley High School.
- August 1996 - June 1997 Agricultural Education Teacher, Rifle High School.

OTHER POSITIONS

- 2005 - May 2007 Ag Ed Mentor, Colorado Community College System.

PUBLISHED WORKS

Refereed Journal Articles

- Clark, N., Enns, K. J., Johnson, J. J. Skill Based Student Assessment in Ag Ed. *Agricultural Education Magazine*(3).
- Semler, M. L., Woerner, D. R., Belk, K. E., Enns, K. J., Tatum, J. D. Effects of USDA carcass maturity on sensory attributes of steaks produced by cattle representing two dental age classes. *Journal of Animal Science*.
- M., Enns, K. J. The Conflicts of Agriculture: Exploring Exploring the Agriculture Values of University Agricultural Education Students. *Journal of Agricultural Education*.
- Enns, K. J., Martin, M. (2015). Gendering Agricultural Education: A Study of Historical Pictures of Women in

the Agricultural Education Magazine. *Journal of Agricultural Education*.

Lawver, B., McKim, B., Smith, A., Aschenbrenner, M., Enns, K. J. (in press). Developing Metrics for Effective Teaching in Agricultural Education. *Journal of Career and Technical Education Research*.

Clark, N., Enns, K. J., Martin, M. Agricultural Mechanic Psychomotor Skill Development for Pre-Service Teachers: An Action Research Approach. *Journal of Agricultural Education*.

McKim, B., Lawver, R., Enns, K. J., Smith, A., Aschenbrenner, M. (2013). Toward a Framework for Effective Teaching in Extension Education: A Multi-State Factor-Analytic and Psychometric Analysis of Effective Teaching. *Journal of Agricultural Education*, 53(4).

(2012). Toward a Framework for Effective Teaching in Agricultural Education: A Multi-State Factor-Analytic and Psychometric Analysis of Effective Teaching. *Journal Of Agricultural Education*.

Refereed Proceedings or Transactions

Clark, N., Enns, K. J., Martin, M. (2014). *Agricultural Mechanic Psychomotor Skill Development for Pre-Service Teachers: An Action Research Approach*. American Association for Agricultural Education.

Enns, K. J., Clark, N., Martin, M. (2014). *Becoming Professionals: Utilizing Ideas Unlimited and Professional Development Seminars to Foster Success in Future Teachers*. American Association for Agricultural Education.

Martin, M., Enns, K. J. (2014). *Clashing of Views: Agricultural Education Students' Conceptualization of Agricultural Values*. American Association for Agricultural Education.

Clark, N., Enns, K. J. (2013). *Agricultural Mechanics Round Robin Training Seminar*. Columbus Ohio: ACTER Annual Meeting Poster Abstract.

Non-Refereed Journal Articles

Enns, K. J., Testerman, S. (2013). Training the Agriscience Dragon. *The Agricultural Education Magazine*.

(2010). Career and Technical Education Laboratory Management Manual. Denver, CO: Colorado Community College System.

Non-Refereed Proceedings or Transactions

Martin, M., Enns, K. J. (2015). *Measuring and Comparing Student's Knowledge on Genetically Modified Organisms*. Western Region research meeting of the American Association of Agricultural Educators.

(2012). *Toward a Framework for Effective Teaching in Agricultural Education: A Multi-State Factor-Analytic and Psychometric Analysis of Effective Teaching*. Proceedings of the American Association for Agricultural Education Research Conference.

(2012). *Toward a Framework for Effective Teaching in Agricultural Education: A Multi-State Factor-Analytic and Psychometric Analysis of Effective Teaching*. Proceedings of the Western Region American Association for Agricultural Education Research Conference.

(2012). *Toward a Framework for Effective Teaching in Extension Education: A Multi-State Factor-Analytic and Psychometric Analysis of Effective Teaching*. Proceedings of the American Association for Agricultural Education Research Conference.

- (2011). *Marketing Fresh, Specialty Produce Through Cooperative, Collectives in Colorado with Implications for Cooperative Education Programming*. June 2011 AMR 11-05.
- (2011). *Mission Driven Marketing: Two Cooperatives Expand Opportunities for Sustainability-Minded Producers in Colorado and Provide Insight into Market Growth*. Rural Cooperatives Magazine Nov/Dec.
- (2011). *Potential Role of Cooperative in Marketing Small and Medium-Size Farmers' Fresh and Specialty Produce: Evidence from the Rocky Mountain Region*. USDA-Rural Development Research Report 10-03 August 2011.
- (2011). *Toward a Framework for Effective Teaching in Agricultural Education: A Multi-State Factor-Analytic and Psychometric Analysis of Effective Teaching*. Paper submitted to the American Association for Agricultural Education Research conference.
- (2011). *Toward a Framework for Effective Teaching in Extension Education: A Multi-State Factor-Analytic and Psychometric Analysis of Effective Teaching*. Paper submitted to the American Association for Agricultural Education Research conference.
- (2010). *Important and Implemented Quality Indicators of Supervised Agricultural Experience Programs: Perceptions of Stakeholders* (pp. 39-42). Western Region American Association for Agricultural Education Poster Proceedings, Great Falls, MT Retrieved from: http://www.aaaeonline.org/uploads/allconferences/4-1-2010_796_2010_WR_AAAE_Poster_Proceedings2.pdf.

Cited Research

Enns, K. J., Martin, M., Speilmaker, D. (in press). National Research Agenda for Ag Ed - Priority 1. Public and Policy Maker Understanding of Agriculture. *National Research Agenda*. American Association for Agricultural Education.

Curriculum

Enns, K. J., Gaines, K. D., Martin, M. (2015). In Kellie Enns (Ed.), *A Call to Action*. Colorado Young Farmer Educational Association. cyfea.com

Enns, K. J., Vetter, S., Hart, L., Tucker, K. (2014). *Western Dairy Association Dairy Value Chain Curriculum*. Lakewood, CO: Western Dairy Association. <http://westerndairyassociation.org/dairy-in-schools/ag-educators/>

Invited Paper

Lewis, R. M., Spangler, M. L., Lockee, B. B., Enns, R. M., Enns, K. J., Dekkers, J. C., C. M., Cassady, J. P., MacNeil, M., Gould, C. A., Boggs, D. L., Misztal, I., Pollak, E. J. (2014). *Filling the Knowledge Gap: Integrating Quantitative Genetics and Genomics in Graduate Education and Outreach*. World Congress of Genetics Applied to Livestock Production.

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

2012, "Bond, J & Enns, K., The Potential Role of Cooperatives and Collectives in Marketing Small and Medium-size Farmers' Fresh and Specialty Produce with Case Studies from Colorado. Presentation at National Farmers Union and Annie's Project Women's Risk Management Workshop, Bailey, Colorado".

2012, "Enns, K. & Pendell, D., Lessons Learned from Simultaneous Online and Live Course Offerings, DARE Online Teaching Seminar".

2012, "Enns, K. Colorado Young Farmer Educational Association, Where to go from here?".

2012, "Enns, K., 10 Tips for Effective Teaching, DARE Online Teaching Symposium".

2012, "Enns, K., Becoming "One for the Future" Presented at the State FFA Convention, Pueblo, CO".

2012, "Enns, K., Colorado State University Agricultural Education Program Review. Review documents presented to External Review Committee, Fort Collins, CO".

2012, "Enns, K., Effective Assessments and Inquiry Learning, Inquiry Integration Institute, Grandby, CO".

2012, "Enns, K., Effective Teaching and Senate Bill 191; Presentation given to Colorado Vocational Agriculture Teachers Association, Cortez, CO".

2012, "Enns, K., Geocaching and Inquiry Learning, the Collaboration, Presented at Inquiry Integration Institute, Grandby, CO".

2012, "Hart, L & Enns, K., Online Breeding and Genetics Course Evaluation".

2012, "Lawver, R., McKim, B., Enns, K., Smith, A., & Aschenbrenner, M.. (2012). Toward a Framework for Effective Teaching in Extension Education: A Multi-State Factor-Analytic and Psychometric Analysis of Effective Teaching. Presented at Western American Association for Agricultural Education Research Conference", peer-reviewed/refereed.

2012, "Lessons Learned from Simultaneous Online and Live Course Offerings, College of Agricultural Sciences Master Initiative. Presented by Enns, K. and Pendell, D, Fort Collins".

2012, "McKim, B., Lawver, R., Smith, A., Aschenbrenner, M., & Enns, K. (2012). Toward a Framework for Effective Teaching in Agricultural Education: A Multi-State Factor-Analytic and Psychometric Analysis of Effective Teaching. Presentation at American Association for Agricultural Education Research Conference", peer-reviewed/refereed.

2012, "McKim, B., Lawver, R., Smith, A., Aschenbrenner, M., & Enns, K. (2012). Toward a Framework for Effective Teaching in Agricultural Education: A Multi-State Factor-Analytic and Psychometric Analysis of Effective Teaching. Presentation at Western Section of American Association for Agricultural Education Research Conference", peer-reviewed/refereed.

2011, "CSU Agricultural Education - State of the Major - CVATA Fall Meetings".

2011, "Engaging High School Students in the Recruitment Process - CSU Agriculture Ambassador Training".

2011, "Innovative Evaluations of Student SAE Programs".

2011, "One for the Future - a career in Agricultural Education".

2011, "One for the Future; a Career and Major in Ag Ed at CSU - NJC".

2011, "Success at CSU; NJC Transfer student orientation".

2011, "Understanding Inquiry Integration, through Inquiry".

2010, "Enns, Kellie and Irlbeck, Nancy, Food Quest: An Agricultural Literacy Opportunity, Brighton, CO/President's Agriculture Advisory Committee, 2/19/2010".

2010, "Enns, Kellie and Womochil, Mike, The Future of Colorado Agricultural Education, Sterling, CO/CVATA Summer Institute, 7/16/2010".

2010, "Enns, Kellie, One for the Future,

Craig, Colorado/Colorado FFA Convention
6/10/2010".

2010, "Enns, Kellie, One for the Future,
Sterling, CO/Northeastern Junior
College Agricultural Education
Recruitment Luncheon, 9/30/2010".

2010, "Enns, Kellie, TAG your replacement -
the need for recruitment in
agricultural education, Colorado
Springs, CO/CVATA Mid-Winter
Conference, 1/8/2010".

2010, "Enns, Kellie, Thorn, Don and Womochil,
Mike. Leadership and Young Farmers,
Ft. Morgan, CO/Colorado Young Farmers
Educational Association Officer
Training, 3/13/2010".

COLLABORATIVE & INTEGRATIVE INTERDISCIPLINARY SCHOLARSHIP

2014-2015

The goal of program improvement and collaboration was realized with the funding of the CoBank Center for Agricultural Education. The collaborative relationship with the Colorado FFA Foundation and over 60 private and professional/industry partners was finalized with the signing releasing of \$2.26 million gift.

OTHER ACTIVITIES/ACCOMPLISHMENTS – PUBLICATIONS/SCHOLARLY RECORD

(November 2014). Professional Meeting, "Annual Meeting/Workshops," APLU, Orlando, FL, United States. Number of Credit Hours: 0. Approximate Number of Hours Spent Per Year: 12.

(July 2014). Agriculture Industry Tour, "Team Ag Ed New Teacher Mentor Bus Trip," Team Ag Ed, Various, Colorado, United States. Number of Credit Hours: 0. Approximate Number of Hours Spent Per Year: 12.

(June 2014). Professional Meeting, "CVATA Summer Conference," Colorado Vocational Agriculture Teacher Association, Fort Morgan, Colorado, United States. Approximate Number of Hours Spent Per Year: 20.

(May 2014). Professional Meeting, "Teacher Education Caucus," American Association for Agricultural Education, Park City, Utah, United States. Number of Credit Hours: 0. Approximate Number of Hours Spent Per Year: 8.

(May 2014). Seminar, "Qualitative Research Professional Development Seminar," American Association for Agricultural Education, Park City, Utah, United States. Number of Credit Hours: 0. Approximate Number of Hours Spent Per Year: 4.

(February 2014). Professional Meeting, "CVATA Mid Winter Conferenc," Colorado Vocational Agriculture Teacher Association, Colorado Springs, Colorado, United States. Number of Credit Hours: 0. Approximate Number of Hours Spent Per Year: 16.

(2004). Credential for CTE.

(2004). Professional Teacher License.

TEACHING:

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u>Cr. Hrs.</u>	<u>Enrollment</u>
2016	Summer	AGRI698 - Research	6	0
2016	Summer	EDCT520 - Teaching Agricultural Education	2	1
2016	Spring	AGRI587A - Internship: Domestic	12	1
2016	Spring	AGRI684 - Supervised College Teaching	2	1
2015	Fall	AGED496 - Group Study	12	0
2015	Fall	AGED495 - Independent Study	6	5
2015	Fall	AGED487 - Internship	6	5
2015	Fall	EDCT425 - Methods/Materials in Agricultural Education	4	8
2015	Fall	AGRI698 - Research	6	0
2015	Fall	EDCT492 - Seminar-Professional Relations	18	8
2015	Fall	AGRI684 - Supervised College Teaching	2	0
2015	Fall	EDCT520 - Teaching Agricultural Education	18	0
2015	Fall	AGED220 - Understanding Agricultural Education	1	50
2015	Summer	AGED496 - Group Study	12	0
2015	Summer	AGED495 - Independent Study	6	0
2015	Summer	AGED487 - Internship	6	1
2015	Summer	AGRI698 - Research	6	1
2015	Summer	EDCT590 - Workshop: Teacher Leadership in Agricultural Education	18	63
2015	Spring	AGED420 - Developing School-Based Ag Education Programs	3	11
2015	Spring	AGED496 - Group Study	12	0
2015	Spring	AGED495 - Independent Study	6	4
2015	Spring	AGRI587A - Internship--Domestic	12	0
2015	Spring	AGRI698 - Research	6	0
2015	Spring	EDCT492 - Seminar-Professional Relations	18	4
2015	Spring	AGRI684 - Supervised College Teaching	2	0
2015	Spring	AREC484 - Supervised College Teaching	5	1
2014	Fall	AGED496 - Group Study	12	0
2014	Fall	AGED495 - Independent Study	6	3
2014	Fall	AGED487 - Internship	6	1
2014	Fall	EDCT425 - Methods/Materials in Agricultural Education	4	9
2014	Fall	AGRI698 - Research	6	0
2014	Fall	EDCT492 - Seminar-Professional Relations	18	13
2014	Fall	AGRI684 - Supervised College Teaching	2	0
2014	Fall	EDCT520 - Teaching Agricultural Education	18	4
2014	Summer	AGRI698 - Research	6	0
2014	Summer	EDCT590 - Workshop: Teacher Leadership in Agricultural Education	18	51
2014	Spring	AGED420 - Developing School-Based Ag Education Programs	3	9
2014	Spring	AGED496 - Group Study	12	0
2014	Spring	AGED495 - Independent Study	6	2
2014	Spring	AGED487 - Internship	6	0
2014	Spring	AGRI587A - Internship--Domestic	12	0
2014	Spring	AGRI698 - Research	6	0
2014	Spring	EDCT492 - Seminar-Professional Relations	18	9
2014	Spring	AGRI684 - Supervised College Teaching	2	0
2014	Spring	AREC484 - Supervised College Teaching	5	2
2013	Fall	AGED580A3 - Effective Assessment of Lab Instruction	3	4
2013	Fall	AGED580A3 - Effective Assessment of Lab Instruction -	0	4

Lab				
2013	Fall	AGED496 - Group Study	12	1
2013	Fall	AGED495 - Independent Study	6	2
2013	Fall	AGED487 - Internship	6	0
2013	Fall	EDCT425 - Methods/Materials in Agricultural Education	4	13
2013	Fall	AGED580A2 - Project Development in Agricultural Education	3	2
2013	Fall	AGRI698 - Research	6	1
2013	Fall	AGRI684 - Supervised College Teaching	2	0
2013	Summer	AGED496 - Group Study	12	0
2013	Summer	AGED495 - Independent Study	6	1
2013	Summer	AGED487 - Internship	6	0
2013	Summer	AGRI698 - Research	6	1
2013	Summer	AGRI698 - Research	6	1
2013	Summer	EDCT590 - Workshop: Ag Ed Summer Institute in School Based Agricultural Education	18	43
2013	Spring	EDCT420 - Agricultural Experience and Adult Education	3	14
2013	Spring	AGED496 - Group Study	12	6
2013	Spring	AREC496 - Group Study	18	1
2013	Spring	AGED495 - Independent Study	6	1
2013	Spring	AGED487 - Internship	6	0
2013	Spring	AGRI587A - Internship--Domestic	12	2
2013	Spring	AGRI698 - Research	6	0
2013	Spring	EDCT492 - Seminar-Professional Relations	18	9
2013	Spring	AGRI684 - Supervised College Teaching	2	0
2013	Spring	AREC484 - Supervised College Teaching	5	4
2013	Spring	EDCT520 - Teaching Agricultural Education	3	4
2013	Spring	EDCT590 - Workshop: AgEd Mid-Winter Idea's Unlimited Conference	1	20
2012	Fall	AGED496 - Group Study	12	0
2012	Fall	AGED495 - Independent Study	6	0
2012	Fall	AGED487 - Internship	6	3
2012	Fall	EDCT425 - Methods/Materials in Agricultural Education	4	12
2012	Fall	AGRI192 - Orientation to Agricultural Systems	1	41
2012	Fall	AGRI698 - Research	6	1
2012	Fall	EDCT492 - Seminar-Professional Relations	18	15
2012	Fall	AGRI684 - Supervised College Teaching	2	1
2012	Fall	AGED280A2 - Understanding Agricultural Education	1	25
2012	Fall	EDCT590 - Workshop: Inquiry Integration Institute in Agricultural Education	1	11
2012	Fall	EDUC591A - Workshop: Management and Safety of Ag Ed Laboratory	2	14
2012	Summer	AGED496 - Group Study	12	0
2012	Summer	AGED495 - Independent Study	6	1
2012	Summer	AGED487 - Internship	6	0
2012	Summer	AGRI587A - Internship--Domestic	12	1
2012	Summer	AGED241 - Plumbing and Electrical Applications in Ag Ed	2	6
2012	Summer	AGED580A2 - Project Development in Agricultural Education	3	6
2012	Summer	AGRI698 - Research	6	0
2012	Summer	EDCT590 - Workshop: Agriculture Education Summer Institute	18	40
2012	Spring	EDCT420 - Agricultural Experience and Adult Education	3	15
2012	Spring	AGED496 - Group Study	12	0
2012	Spring	AGED495 - Independent Study	6	1

2012	Spring	AGED487 - Internship	6	1
2012	Spring	AGRI587A - Internship--Domestic	12	1
2012	Spring	AGRI698 - Research	6	1
2012	Spring	EDCT492 - Seminar-Professional Relations	18	8
2012	Spring	AGRI684 - Supervised College Teaching	2	1
2011	Fall	AGED496 - Group Study	12	2
2011	Fall	AGED495 - Independent Study	6	2
2011	Fall	AGED487 - Internship	6	2
2011	Fall	AGRI587A - Internship--Domestic	12	1
2011	Fall	EDCT425 - Methods/Materials in Agricultural Education	4	11
2011	Fall	AGRI192 - Orientation to Agricultural Systems	1	42
2011	Fall	AGRI698 - Research	6	3
2011	Fall	EDCT492 - Seminar-Professional Relations	18	11
2011	Fall	AREC484 - Supervised College Teaching	5	1
2011	Fall	EDCT590 - Workshop: Inquiry Integration Institute in Agricultural Education	1	11
2011	Summer	AGED496 - Group Study	12	0
2011	Summer	AGED495 - Independent Study	6	0
2011	Summer	AGED487 - Internship	6	0
2011	Summer	AGRI587A - Internship--Domestic	12	0
2011	Summer	AGED580A1 - Management and Safety of Ag Ed Laboratory	2	9
2011	Summer	AGED241 - Plumbing and Electrical Applications in Ag Ed	2	6
2011	Summer	AGRI698 - Research	6	0
2011	Summer	EDCT590 - Workshop: Colorado Agriculture Education Summer Institute	18	41
2011	Spring	EDCT420 - Agricultural Experience and Adult Education	3	16
2011	Spring	AGED496 - Group Study	12	0
2011	Spring	AGED495 - Independent Study	6	0
2011	Spring	AGED487 - Internship	6	0
2011	Spring	AGRI587A - Internship--Domestic	12	2
2011	Spring	AGRI698 - Research	6	0
2011	Spring	EDCT492 - Seminar-Professional Relations	18	8
2011	Spring	AREC484 - Supervised College Teaching	5	3
2010	Fall	AGED496 - Group Study	12	0
2010	Fall	AGED495 - Independent Study	6	0
2010	Fall	AGED487 - Internship	6	3
2010	Fall	AGED580A1 - Management and Safety of Ag Ed Laboratory	2	5
2010	Fall	EDCT425 - Methods/Materials in Agricultural Education	4	6
2010	Fall	AGRI192 - Orientation to Agricultural Systems	1	35
2010	Fall	AGED280A1 - Power Structural and Technical Systems in Ag Ed	2	9
2010	Fall	AGRI698 - Research	6	0
2010	Fall	EDCT492 - Seminar-Professional Relations	18	10
2010	Fall	AGRI684 - Supervised College Teaching	2	0
2010	Fall	AREC484 - Supervised College Teaching	5	4
2010	Fall	EDCT520 - Teaching Agricultural Education	18	4
2010	Summer	EDCT590		
2010	Summer	AGRI487A - Internship--Domestic		1
2010	Summer	AGRI698 - Research		1
2010	Summer	AGRI698 - Research		1
2010	Spring	EDCT420 - Agricultural Experience and Adult Education	3	9
2010	Spring	AGED496 - Group Study	12	0
2010	Spring	AGED495 - Independent Study	6	0

2010	Spring	AGED487 - Internship	6	6
2010	Spring	AGRI587 - Internship	12	0
2010	Spring	AGRI698 - Research	6	0
2010	Spring	EDCT492 - Seminar-Professional Relations	18	8
2010	Spring	EDCT520 - Teaching Agricultural Education	18	5
2009	Fall	AGRI496C - Group Study-Agricultural Education	12	1
2009	Fall	AGRI495 - Independent Study	12	2
2009	Fall	EDCT425 - Methods/Materials in Agricultural Education	4	8
2009	Fall	AGRI192 - Orientation to Agricultural Systems	1	29
2009	Fall	AGRI698 - Research	6	0
2009	Fall	EDCT492 - Seminar-Professional Relations	18	9
2009	Fall	AGRI684 - Supervised College Teaching	2	1
2009	Summer	AGRI587 - Internship	12	0
2009	Summer	AGRI698 - Research	6	0
2009	Summer	EDCT590 - Workshop: Colorado Agriculture Education Summer Institute	2	50
2009	Spring	EDCT420 - Agricultural Experience and Adult Education	3	13
2009	Spring	AGRI496C - Group Study-Agricultural Education	12	1
2009	Spring	AGRI587 - Internship	12	0
2009	Spring	AGRI698 - Research	6	0
2009	Spring	EDCT492 - Seminar-Professional Relations	18	4
2008	Fall	AGRI496C - Group Study-Agricultural Education	12	3
2008	Fall	AGRI495 - Independent Study	12	7
2008	Fall	AGRI487 - Internship	12	1
2008	Fall	EDCT425 - Methods/Materials in Agricultural Education	4	8
2008	Fall	AGRI192 - Orientation to Agricultural Systems	1	32
2008	Fall	AGRI698 - Research	6	0
2008	Fall	EDCT492 - Seminar-Professional Relations	18	8
2008	Fall	EDCT485 - Student Teaching	18	7
2008	Summer	AGRI587 - Internship	12	0
2008	Summer	EDCT387 - Internship	18	4
2008	Summer	AGRI698 - Research	6	0
2008	Summer	EDCT590 - Workshop: 2008 Colorado Agriculture Education Summer Institute	18	53
2008	Spring	EDCT420 - Agricultural Experience and Adult Education	3	6
2008	Spring	AGRI496C - Group Study-Agricultural Education	12	2
2008	Spring	AGRI587 - Internship	12	1
2008	Spring	AGRI698 - Research	6	0
2008	Spring	EDCT492 - Seminar-Professional Relations	18	5
2008	Spring	EDCT485 - Student Teaching	18	12
2007	Fall	EDUC591B - Agricultural Summer Conference	18	61
2007	Fall	AGRI496C - Group Study: Agricultural Education	12	4
2007	Fall	AGRI495 - Independent Study	12	3
2007	Fall	EDCT425 - Methods/Materials in Agricultural Education	4	7
2007	Fall	AGRI698 - Research	6	1
2007	Fall	EDCT492 - Seminar-Professional Relations	18	8
2007	Fall	AGRI684 - Supervised College Teaching	2	1

Evidence of Teaching Effectiveness (Annual Input)

Course Syllabi, Assignments, and Other Materials

Spring 2014, AGED 420–Developing School-Based Ag Education Programs

This course was revised and changed to an AGED prefix; the course was refined and more focused on developing School Based Agricultural Education Programs. Additionally, though always a

challenge, this course was changed to an Inquiry driven course - facilitated by student learning and less teacher delivered. Examples of how this was done was through the first major assignment; a writing assignment that was facilitated after a field tripto a local agricultural education program. Students, through discovery were asked to tour and devleop standards for what the program valued. Then, after discussion and refinement, student compared these standards to the National Quality Program Standards in Agricultural Education. They were asked to explain how their standards for a quality program were different than that of their own and justify how they would use them. Finally, students were asked to explain how standards for quality programs differ to that of program approval processes. Students were able to witness programs, discover their own metrics, compare to other metrics, and then determine mandatory processes. They also had to provide evidence through a written essay (attached). I was pleased - it was a highly effective strategy for implementation!

[Assignment 1 Program Standards and Approval-1.docx](#)

Examples of Course Improvements

Fall 2014, EDCT 425–Methods/Materials in Agricultural Education

A greatly improved course this year. I was challenged to make this course more relevant and meaningful. Therefore each class we taught a content related skill and then discussed the method of instructional delivery that would make this most meaningful. For example, I partnered with another teacher in the field to have students make a notebook box, small wood project. Students then learned the method of lesson planning, skill tracings, demonstration, safety training, and until planning off of this simple project. It was highly effective. Another example occurred by having students participate in food science laboratories; then we asked them to model and teach practice activities and lessons that would lead up to this instruction. This allowed students to get feedback on the actual delivery of instruction. Student evaluations on this course were improved over previous years - the relevance improved dramatically and will continue to do so with the new Center for Ag Education!

Summer 2014, EDCT 590–Workshop: Teacher Leadership in Agricultural Education

This course was also changed to reflect evidence of effectiveness. Traditionally this service related courses were developed for re=certification purposes for agriculture teachers. New requirements for teacher effectiveness under SB 191 require that teachers provide EVIDENCE of student GROWTH and teacher leadership; not just on assessments but providing other evidence as well. Additionally for my tracking purposes, instead of offering credits for each "workshop" that the agriculture teacher need; I provided one cumulative credit offering. This allowed us to provide assessment tools and artifacts that other teachers can implement (to be hosted on our Ag Ed listserv). Teachers shared best practices reflective of their time and professional development. Assignment is attached.

[Artifact and Assignment Timeline-1.docx](#)

Other Evidence

Fall 2014, EDCT 520–Teaching Agricultural Education

This course was difficult to structure because each student was working on their own projects, determining their own progress and developing their own research to improve agricultrual education practice. This course was highly productive for the students, through organization and mixed method of delivery was a challenge to stay on top of the student progress. But, all students made significant progress. Three graduate students completed his research proposal and IRB training; two completed their IRB applications, and Nathan completed his defense and professional paper; all projects are complicated but will provide definite advantages to the profession!

Coordinated Agricultural Education Summer Institute

CVATA Summer Institute. Fort Collins, CO. Total number of participants: 85. Percent Responsible: 75%. 2012.

Presentation

Skills Cards and Suggested Tool List. Fort Collins, CO. Percent Responsible: 30%. 2012.

Understanding Inquiry - In Inquiry. Grandby, CO. Number of times program was made: 1. Total number of participants: 15. Percent Responsible: 100%. 2012.

Workshop

WDA Dairy Curriculum. Fort Collins, CO. Number of times program was made: 1. Total number of participants: 85. Percent Responsible: 25%. 2013.

Ideas Unlimited. CO. Number of times program was made: 1. Total number of participants: 30. Percent Responsible: 100%. 2012.

Teaching the Agriscience Dragon. Fort Collins, CO. Percent Responsible: 30%. 2012.

COMMITTEES

University Faculty Committee on Libraries, (January 2015 - Present).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

Student Affairs Committee, (July 2015 - Present).

RamCamp, (2015 - Present).

RamCamp, (2012).

(2010).

(2010).

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(2010).

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(2010).

(2010).

(2010).

(2010).

(2010).

RamCamp, (2010).

Program Coordinator, (2010 - Present).

Ag Ed Alliance, (June 2012 - December 2015).

DARE Undergraduate Committee, (June 2012 - August 2014).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

(2010).

Ambassador Selection, (2010).

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

American Association for Agricultural Education. (January 2008 - December 2015).

Colorado Agricultural Education Advisory Committee. (2008 - 2015).

Colorado Agricultural Education Team Ag Ed. (2008 - 2015).

Colorado Vocational Agriculture Teachers Association. (2008 - 2015).

Western Section AAAE. (2008 - 2015).

Colorado FFA Foundation. (2006 - 2015).

Member, NCAC 24.

Member, Colorado Vocational Agriculture Teachers Association, Fort Collins, CO. (December 31, 2013 - Present).

Committee Chair, Food Production Systems Taskforce. (June 1, 2013 - Present).

Chairperson, Agriculture Literacy AAAE Sig. (May 2013 - Present).

Annie's Project Risk Management, Ft. Collins, CO. (2012 - Present).

Colorado Agricultural Education, Granby, CO. (2012 - Present).

Colorado FFA Association, Pueblo, CO, CO. (2012 - Present).

Colorado Vocational Agriculture Teachers Association, Colorado Springs, CO. (2012 - Present).

Colorado Young Farmers Educational Association, Denver, CO. (2012 - Present).

Member, Southern American Association Agricultural Education. (2012 - Present).

Western Association for Agricultural Education. (2012 - Present).

Western Association for Agricultural Education. (2012 - Present).

American Association for Agricultural Education, Couer d Alene, ID. (2011 - Present).

Colorado Agricultural Education, Grandby, CO. (2011 - Present).

Colorado Association of Teacher Educators, Denver, CO. (2011 - Present).

Colorado Community College System - Ag Ed, Denver, Colorado Springs, Sterling, CO. (2011 - Present).

Colorado FFA Association, Alamosa, CO, CO. (2011 - Present).

Colorado Team Ag Ed, Pueblo, CO. (2011 - Present).

Colorado Vocational Agriculture Teachers Association, Colorado Springs, CO. (2011 - Present).

Colorado Vocational Agriculture Teachers Association, Colorado Springs, CO. (2011 - Present).

Colorado Vocational Agriculture Teachers Association, Sterling, CO. (2011 - Present).

National Association for Agricultural Education, Johnstown, IA. (2011 - Present).

Member, Undergraduate Committee. (2011 - Present).

Western Section AAAE, Fresno, CA. (2011 - Present).

American Association for Agricultural Education, Omaha, NE. (2010 - Present).

Member, American Association for Agricultural Education. (2010 - Present).

Member, Colorado Agricultural Education Advisory Committee. (2010 - Present).

Member, Colorado Agricultural Education Team Ag Ed. (2010 - Present).

Colorado Community College System. (2010 - Present).

Colorado Community College System. (2010 - Present).

Colorado Community College System. (2010 - Present).

Member, Colorado FFA Foundation. (2010 - Present).

Colorado State University, Ft. Collins, CO. (2010 - Present).

Colorado Vocational Agriculture Teachers Association, Colorado Springs, CO. (2010 - Present).

Colorado Vocational Agriculture Teachers Association. (2010 - Present).

Colorado Young Farmers Educational Association, Sterling, CO. (2010 - Present).

Program Coordinator. (2010 - Present).

Officer, Vice President, W2006. (2010 - Present).

Western Section AAAE, Great Falls, MT. (2010 - Present).

Member, STEPP - Licensure Committee. (2008 - Present).

Member, Agricultural Literacy Search Committee. (2012 - April 1, 2013).

Member, Academic Coordinator Search Committee. (2012).

Committee Chair, Agricultural Education Undergraduate Review. (2011 - 2012).

Member, College of Agricultural Sciences Academic Affairs. (2008 - September 2012).

National FFA Organization, Indianapolis, IN. (2011).

Member, Department Head Search Committee. (2010 - 2011).

Member, Strategic Planning Committee. (2010 - 2011).

Member, Assistant Director Undergraduate Programs Search Committee. (2010).

Member, Douglas County Extension Search Committee. (2010).

OTHER ACTIVITIES/ACCOMPLISHMENTS – SERVICE/OUTREACH

Government, Colorado FFA Association, Denver, CO, United States. (May 15, 2014 - June 10, 2015).

Government, Colorado FFA Association, Denver, CO. (May 15, 2014 - June 8, 2014).

Non-Governmental Organization (NGO), Western Dairy Association, Lakewood, CO. (January 2013 - December 2013).

Government, Colorado FFA Association, Denver, CO. (May 15, 2013 - June 8, 2013).

Non-Governmental Organization (NGO), Western Dairy Association. (January 2012 - December 2012).

Academic, Colorado FFA Association, Denver, CO. (May 15, 2012 - June 15, 2012).

Academic, Colorado FFA Association. (2011).

Colorado Community College System. (2010).
