

Christopher M. Estep
Assistant Professor
Sul Ross State University
RAS 103A, Box C-11
(432) 837-8210
cestep@sulross.edu

Last updated: (October, 2016)

EDUCATION:

University of Florida, PhD, Agricultural Education, 2012
Texas A&M University, MEd, Agricultural Education, 2006
Texas A&M University, BS, Animal Science, 1997

PROFESSIONAL EXPERIENCE:

Sul Ross State University, Assistant Professor and Chair, Animal Science Department, 2012- present
University of Florida, Graduate Research and Teaching Assistant, Agricultural Education and Communication Department, 2009 – 2012
Greenwood High School, Secondary Agricultural Science Teacher, 2006 – 2009
Texas A&M University, Graduate Teaching Assistant, 2005-2006
Ruffino Meats Inc., Production Manager, 2000 - 2005

TRAINING AND CERTIFICATION:

Standard Texas Teaching Certification – Agricultural Production 6-12

PROFESSIONAL ASSOCIATIONS:

American Association for Agricultural Education

- Chair Member Services Committee – 2015 to present
- Member of the Journal of Agricultural Education Editing and Managing Board – 2014 to present
- Reviewer for the Journal of Agricultural Education – 2012 to present
- Assistant Editor for the Journal of Natural Resources Education – 2016 to present
- Member of the Experiential Learning Planning Committee, National Council for Agricultural Education – 2011 to 2013

Vocational Agriculture Teachers Association of Texas

- Member – 2005 to 2009; 2012 to present

North American Colleges and Teachers of Agriculture (NACTA)

- Member NACTA Journal Awards Committee – 2013 to present

Non Land-Grant Agricultural and Renewable Resources Universities (NARRU)

- Member – 2012 to present

HONORS, AWARDS, AND LISTINGS:

2016 Distinguished Young Educator, NARRU
2016 E.B. Knight Journal Award, NACTA Journal
2015-2016 Sul Ross State University Outstanding Teaching Award
2015 Jack Everly Journal Award, NACTA Journal
2015 Journal of Agricultural Education Outstanding Article Award
2013 E.B. Knight Journal Award, NACTA Journal
2012 NACTA Graduate Student Teaching Award

PUBLICATIONS:

Refereed Journal Articles

- Estepp, C. M., Velasco, J. G., Culbertson, A. L., & Conner, N. W. (2016, Online First SAGE). An investigation into mentoring practices of faculty who mentor undergraduate researchers at a Hispanic Serving Institution. *Journal of Hispanic Higher Education*, xx(xx), xx-xx. doi: 10.1177/1538192716661906
- Whitehead, I. M., & Estepp, C. M. (2016). Agricultural knowledge and perceptions among students enrolled in agriscience programs in Texas counties bordering Mexico. *Journal of Human Sciences and Extension*, 4(2), 66-79.
- Sanok, D. E., Stripling, C. T., Stephens, C. A., Ricketts, J. C., Estepp, C. M., & Conner, N. W. (2015). Professional development needs of Tennessee school-based agricultural education teachers. *Journal of Southern Agricultural Education Research*, 65, 1-14.
- Estepp, C. M., & Roberts, T. G. (2015). Teacher immediacy and professor/student rapport as predictors of motivation and engagement. *NACTA Journal*, 59(2), 155-163.
- Rubenstein, E. D., Thoron, A. C., & Estepp, C. M. (2014). Perceived self-efficacy of preservice agriculture teachers toward specific SAE competencies. *Journal of Agricultural Education*, 55(4), 72-84.
- Stripling, C. T., Thoron, A. C., & Estepp, C. M. (2014). Learning activities utilized and readiness for the student teaching internship. *Journal of Agricultural Education*, 55(4), 148-161.
- Poore, J. J., Stripling, C. T., Stephens, C. A., & Estepp, C. M. (2014). Graduate teaching assistants' sense of teaching self-efficacy in a college of agricultural sciences and natural resources. *NACTA Journal*, 58(2), 122-128.
- Estepp, C. M., Shelnett, K. P., & Roberts, T. G. (2014). A comparison of student and professor perceptions of teacher immediacy behaviors in large agricultural classrooms. *NACTA Journal*, 58(2), 155-162.
- Estepp, C. M., Thoron, A. C., Roberts, T. G., & Dyer, J. E. (2014). Variations in professional development needs of Florida agricultural education teachers based on gender, school level, and experience. *Career and Technical Education Research*, 39(1), 23-36.
- Estepp, C. M., & Roberts, T. G. (2013). Exploring the relationship between professor/student rapport and students' expectancy for success and

values/goals in college of agriculture classrooms. *Journal of Agricultural Education*, 54(4), 180-194.

- Giorgi, A. J., Roberts, T. G., Estep, C. M., Conner, N. W., & Stripling, C.T. (2013). An investigation of teacher beliefs and actions. *NACTA Journal*, 57(3), 2-9.
- Shoulders, C. W., Stripling, C. T., & Estep, C. M. (2013). Preservice agriculture teachers' perceptions of teaching assistants: Implications for teacher education. *Journal of Agricultural Education*, 54(2), 85-98.
- Estep, C. M., Stripling, C. T., Conner, N. W., Giorgi, A., & Roberts, T. G. (2013). An examination of the learning activities, cognitive level of instruction, and teacher immediacy behaviors of successful instructors in a college of agriculture. *Journal of Agricultural Education*, 54(2), 15-28.
- Estep, C. M., & Roberts, T. G. (2013). Teacher behaviors contributing to student content engagement: A socially constructed consensus of undergraduate students in a college of agriculture. *Journal of Agricultural Education*, 54(1), 97-110.
- Roberts, T. G., Conner, N. W., Estep, C. M., Giorgi, A., & Stripling, C. T. (2012). Examining the teaching behaviors of successful teachers in a college of agricultural and life sciences. *NACTA Journal*, 56(2), 21-28.
- Estep, C. M., Roberts, T. G., & Carter, H. S. (2012). An experiential learning model of faculty development to improve teaching. *NACTA Journal*, 56(1), 79-86.
- Estep, C. M., & Roberts, T. G. (2011). A model for transforming the undergraduate learning experience in colleges of agriculture. *NACTA Journal*, 55(3), 28-32.

Popular Press Articles

- Estep, C. M., & Shoulders, C. W. (2013). Actions speak louder than words: Building rapport and engagement through teacher immediacy. *The Agricultural Education Magazine*, 85(6), 8-9, 22.
- Barrick, R. K., & Estep, C. M. (2011). Experience programs in agriscience education: From projects to SAEPs and beyond. *The Agricultural Education Magazine*, 83(4), 26-27.
- Estep, C. M., & Norton, M. (2011). Experiential learning: Right on target!. *The Agricultural Education Magazine*, 83(4), 19-20.
- Estep, C. M., Stripling, C. T., & Roberts T. G. (2010). Navigating the sea of partnership building. *The Agricultural Education Magazine*, 82(4), 18-19.

Refereed Conference Papers and Abstracts

- Estepp, C. M., Janke, T. S., & Harveson, L. A. (2016). An undergraduate research and mentorship program in the natural resource sciences [Abstract]. *NACTA Journal*, 60(supplement 1), 143.
- Whitehead, I. M., & Estepp, C. M. (2016). Experiences of Hispanic students enrolled in a college of agriculture. *Proceedings of the 2016 Southern Region American Association for Agricultural Education Conference*, 99-109.
- Estepp, C. M., Roberts, T. G., & Stripling, C. T. (2015). Teaching beliefs and teaching self-efficacy of graduate students participating in a teaching workshop [Abstract]. *NACTA Journal*, 59(supplement 1), 92.
- Estepp, C. M. (2015). Examining rapport, student satisfaction, and learning gains in an undergraduate research experience [Abstract]. *NACTA Journal*, 59(supplement 1), 77.
- Estepp, C. M., & Stripling, C. T. (2015). To what extent are Hispanic students underrepresented in Texas colleges of agriculture? [Abstract]. *NACTA Journal*, 59(supplement 1), 76.
- Conner, N.W., Stripling, C. T., Sanok, D. E., Stephens, C. A., Ricketts, J. C., & Estepp, C. M. (2015). Professional development needs of school-based agricultural education teachers [Abstract]. *Poster Proceedings of the 2015 National American Association for Agricultural Education Conference*, 280-283.
- Whitehead, I., & Estepp, C. M. (2015). Agricultural knowledge and perceptions among students enrolled in agriscience programs in Texas counties bordering Mexico [Abstract]. *Poster Proceedings of the 2015 National American Association for Agricultural Education Conference*, 174-177.
- Arroyo, F., & Estepp, C. M. (2015). Perceptions of learning outcomes of students who participated in the Spanish FFA creed speaking event. *Proceedings of the 2015 Southern Region American Association for Agricultural Education Conference*, xx-xx.
- Estepp, C. M., Stripling, C. T., & Sanok, D. E. (2014). A qualitative inquiry into undergraduates' reasoning when deciding whether or not to attend class [Abstract]. *NACTA Journal*, 58(supplement 1), 76-77.
- Estepp, C. M., & Culbertson, A. L. (2014). A conceptual model to guide faculty members in directing undergraduate research [Abstract]. *NACTA Journal*, 58(supplement 1), 79.
- Estepp, C. M., & Warnock, B. J. (2014). Self-efficacy in a natural resource field studies course [Abstract]. *NACTA Journal*, 58(supplement 1), 21.
- Estepp, C. M., & Stripling, C. T. (2014). Grade discrepancies and self-regulated learning in a soils course [Abstract]. *NACTA Journal*, 58(supplement 1), 81.
- Stripling, C. T., Thoron, A. C., & Estepp, C. M. (2014). Investigating the learning activities utilized by preservice agricultural education teachers during the student teaching internship. *Proceedings of the 2014 Southern Region American Association for Agricultural Education Conference*, 373-386.
- Rubenstein, E. D., Thoron, A. C., & Estepp, C. M. (2014). Perceived self-efficacy of preservice agriculture teachers toward specific SAE competencies. *Proceedings of the 2014 Southern Region American Association for Agricultural Education Conference*, 194-206.

- Barrick, R. K., Myers, B. M., Samy, M. M., & Estep, C. M. (2014, May). Science teacher efficacy beliefs of agricultural technical school instructors in Egypt. *Proceedings of the 30th Annual AIAEE Conference*, 139-141.
- Barrick, R. K., Estep, C. M., Myers, B. M., & Samy, M. M. (2014, May). Science laboratory learning environment perceptions of agricultural technical school students in Egypt. *Proceedings of the 30th Annual AIAEE Conference*, 38-40.
- Stripling, C. T., Poore, J., Stephens, C. A., & Estep, C. M. (2013). Graduate teaching assistants' teaching efficacy [Abstract]. *NACTA Journal*, 57(supplement 1), 81.
- Estep, C. M., Housewright, B. C., & Bennett, M. R. (2013). The development of best practices in mentoring undergraduate research [Abstract]. *NACTA Journal*, 57(supplement 1), 43.
- Estep, C. M. (2013). Fostering critical thinking skills through use of reflections in an undergraduate agricultural issues course [Abstract]. *NACTA Journal*, 57(supplement 1), 99.
- Estep, C. M., & Roberts, T. G. (2013). The relationship of professor/student rapport with undergraduate students' change in motivation and engagement [Abstract]. *NACTA Journal*, 57(supplement 1), 43-44.
- Barrick, R. K., & Estep, C. M. (2013). Teacher clarity and student achievement in undergraduate courses taught in the college of agricultural and life sciences. *Proceedings of the 2013 National American Association for Agricultural Education Conference*, 944-955.
- Estep, C. M., Thoron, A. C., Roberts, T. G., & Dyer, J. E. (2013). Variations in professional development needs of Florida agricultural education teachers based on gender, school level, and experience. *Proceedings of the 2013 Southern Region American Association for Agricultural Education Conference*, 260-274.
- Coers, N., Roberts, T. G., Gouldthorpe, J. L., Estep, C. M., & Raulerson, B. (2012). Exploring faculty development needs: A focus group [Abstract]. *NACTA Journal*, 56(supplement 1), 70.
- Estep, C. M., Telg, R. W., & Raulerson, B. (2012). Using contentious issues in agriculture to strengthen the critical thinking skills of college of agriculture undergraduates [Abstract]. *NACTA Journal*, 56(supplement 1), 58-59.
- Shelnutt, K. P., Estep, C. M., & Roberts, T. G. (2012). A comparison of student and professor perceptions of teacher immediacy behavior use in the classroom [Abstract]. *NACTA Journal*, 56(supplement 1), 33.
- Giorgi, A. J., Roberts, T. G., Conner, N. W., Estep, C. M., Stripling, C. T. (2012). An investigation of teacher beliefs and actions [Abstract]. *NACTA Journal*, 56(supplement 1), 27.
- Barrick, R. K., & Estep, C. M. (2012). Teacher clarity: Student perceptions [Abstract]. *NACTA Journal*, 56(supplement 1), 31.
- Estep, C. M., Stripling, C. T., Conner, N. W., Giorgi, A., & Roberts, T. G. (2012). An examination of the learning activities, cognitive level of instruction, and teacher

immediacy behaviors of successful instructors in a college of agriculture. *Proceedings of the 2012 National American Association for Agricultural Education Conference*, 850-865.

- Estepp, C. M., Thoron, A. C., & Roberts, T. G. (2012). An assessment of the perceived needs and competencies of Florida agriculture teachers [Abstract]. *Poster Proceedings of the 2012 National American Association for Agricultural Education Conference*.
- Barrick, R. K., & Estepp, C. M. (2012). The new SAE: Charting the future for experience programs in school-based agriscience education [Abstract]. *Poster Proceedings of the 2012 National American Association for Agricultural Education Conference*.
- Estepp, C. M., Thoron, A. C., & Roberts, T. G. (2012). An assessment of the perceived needs and competencies of Florida agriculture teachers [Abstract]. *Poster Proceedings of the 2012 Southern Region American Association for Agricultural Education Conference*, 34-37.
- Estepp, C. M., Stripling, C. T., Conner, N. W., Giorgi, A., & Roberts, T. G. (2012). An examination of the learning activities, cognitive level of instruction, and teacher immediacy behaviors of successful instructors in a college of agriculture. *Proceedings of the 2012 Southern Region American Association for Agricultural Education Conference*, 114-128.
- Hurst, S. D., Barrick, R. K., Blythe, J., Burluson, S., Conner, N. W., Estepp, C. M., Giorgi, A., Myers, B. E., Roberts, T. G., Rubenstein, E. D., Shoulders, C., Stripling, C. T., & Thoron, A. (2012). Using a learning community for continuous improvement of an agricultural education teacher preparation program [Abstract]. *Poster Proceedings of the 2012 Southern Region American Association for Agricultural Education Conference*, 112-115.
- Barrick, R. K., & Estepp, C. M. (2012). The new SAE: Charting the future for experience programs in school-based agriscience education [Abstract]. *Poster Proceedings of the 2012 Southern Region American Association for Agricultural Education Conference*, 96-99.
- Shoulders, C. W., Stripling, C. T., & Estepp, C. M. (2012). Preservice teachers' perceptions of teaching assistants: Implications for teacher education. *Proceedings of the 2012 Southern Region American Association for Agricultural Education Conference*, 469-483.
- Estepp, C. M., & Roberts, T. G. (2011). College of agriculture undergraduates' perceptions of factors contributing to student content engagement [Abstract]. *NACTA Journal*, 55(supplement 1), 19.
- Conner, N. W., Estepp, C. M., & Roberts, T. G. (2011). Teacher immediacy as an indicator of student engagement [Abstract]. *NACTA Journal*, 55(supplement 1), 9-10.
- Estepp, C. M., & Thoron, A. C. (2011). A model for program planning and evaluation for school-based agriscience education [Abstract]. *Proceedings of the 2011 National American Association for Agricultural Education Conference*, 93-96.
- Estepp, C. M., & Roberts, T. G. (2011). Student perceptions of factors contributing to student content engagement. *Proceedings of the 2011 National American Association for Agricultural Education Conference*, 335-350.

- Estepp, C. M., & Thoron, A. C. (2011). A model for program planning and evaluation for school-based agriscience education [Abstract]. *Proceedings of the 2011 Southern Region American Association for Agricultural Education Conference*, 134-136.
- Roberts, T. G., Stripling, C. T., & Estepp, C. M. (2010). A conceptual model of learning activities for college instructors. *NACTA Journal*, 54(supplement 1), 58.
- Estepp, C. M., & Roberts, T. G. (2010). Using student content engagement to improve college teaching [Abstract]. *NACTA Journal*, 54(supplement 1), 61.
- Roberts, T. G., Stripling, C. T., & Estepp, C. M. (2010). Developing a conceptual model for a teaching methods course [Abstract]. *Proceedings of the 2010 Southern Region American Association for Agricultural Education Conference*, 178–180.

CONSULTING AND OTHER INVITED PROFESSIONAL PRESENTATIONS:

- Estepp, C. M., & Velasco, J. (2016, May). Investigating Mentoring Best Practices for Undergraduate Researchers at an HSI. *Presentation for the Sul Ross STEM Symposium*, Alpine, TX.
- Estepp, C. M. (2016, May). Preparing for the Future of Agriculture. *Presentation at the Van Horn FFA Banquet*. Van Horn, TX.
- Estepp, C. M. (2015, October). Experiential Learning: An Agricultural Education Perspective. *Presentation for the Title V Lobo Road to Success Grant*. Alpine, TX.
- Estepp, C. M. (2015, September). Agricultural Leadership. *Presentation at the Big Bend District FFA Fall Meeting*, Alpine, TX.
- Estepp, C. M., Kauk, S., Lucero, D., & Whitehead, I. (2014, September). FFA and Agricultural Quiz Bowl. *Presentation at the Big Bend District FFA Fall Meeting*, Alpine, TX.
- Estepp, C. M., & Warnock, B. J. (2014, June). Self-Efficacy in a Natural Resource Field Studies Course. *Presentation for the Workshop on Field-based Learning in North America at the 2014 NACTA Conference*. Bozeman, MT.
- Estepp, C. M. (2014, April). Investigating Students' Reasons for Absenteeism at SRSU. *Presentation for the SRSU First Year Seminar Training*. Alpine, TX.
- Estepp, C. M. (2014, February). High Impact Pedagogical Strategies – Undergraduate Research. *Facilitated the High Impact Pedagogical Strategies Roundtable at the Southern Region Association for Agricultural Education Conference*. Dallas, TX.
- Estepp, C. M., Whitehead, I., Sacra, S., & Campbell, J. C. (2013, September). Cash bus: Agricultural and FFA knowledge. *Presentation at the Big Bend District FFA Fall Meeting*. Alpine, TX.

Estepp, C. M., & Warnock, B. (2013, July). Self-efficacy of students in a Natural Resource Management field studies course. *Presentation at the Analytical Methods and Undergraduate Research Faculty Development Workshop*. Alpine, TX.

Barrick, R. K., Whitson, R., Staats, J., Gruis, D., Hastings, H., Neyhart, J., Davenport, B., Cano, J., Foor, R., Retallick, M. S., & Estepp, C. (2011). *Report of the experiential learning planning committee for the National Council for Agricultural Education*.

Barrick, R. K., & Estepp, C. M. (2011, March). SAE renewal. *Presentation at the National Summit on School-based Agricultural Education*. Orlando, FL.

GRANTSMANSHIP:

April (2016). Submitted proposal to the SRSU Teaching Council for travel to the National Agricultural Education Conference in Kansas City, MO. \$ 1370.00 – Funded.

March (2016). *Using Virtual Vee Maps to Assess Instruction in a Soils Laboratory*. Submitted Research Enhancement Proposal to SRSU. \$3,038.00 – Funded.

March (2016). External Evaluator for: *Using Global Education Modules (GEMs) to Improve Academic Instruction and Recruit the Next Generation of Agricultural Social Scientists*. USDA Higher Education Challenge Grant. \$274,050 – Not Funded.

March (2015). Consultant for: *Using Global Education Modules (GEMs) to Improve Academic Instruction and Recruit the Next Generation in the Agricultural Social Sciences*. USDA Higher Education Challenge Grant – Not Funded.

November (2014). Submitted proposal to the SRSU Teaching Council for travel to the Southern Region of the American Association for Agricultural Education Research Conference in Atlanta, GA. \$1320.00 – Funded.

September (2014). PI for: *Filling the Pipeline: Building Human Resource Capacity in the Food, Agricultural, and Natural Resource Sciences*. USDA Non Land-Grant College of Agriculture Grant. \$229,585 – Not Funded.

April (2014). Consultant for: *Using Global Education Modules (GEMs) to Improve Academic Instruction and Recruit the Next Generation of Food and Agricultural Scientists*. USDA Higher Education Challenge Grant. \$296,000 – Not Funded

April (2014). Co-PI for: *Teaching Locally, Engaging Globally: Empowering Tomorrow's Agricultural Leaders to Feed Nine Billion People*. USDA Secondary Challenge Grant. \$291,450 – Not funded.

March (2014). Submitted Research Enhancement Proposal to Sul Ross State University (Alpine, TX) to create graduate student teaching workshop. \$4538.00 – Funded.

March (2013). Submitted Research Enhancement Proposal to Sul Ross State University (Alpine, TX) to conduct research on SRSU student attendance. \$5048.00 – Funded.

January (2013). Submitted proposal to Permian Basin Area Foundation (Midland, TX) for ANRS
Reps start-up funding. \$9758.81 – Not funded.

November (2012). Submitted proposal to Abell-Hanger Foundation (Midland, TX) for ANRS
Reps start-up funding. \$5,550.00 – Not funded.