

Levon T. Esters, Ph.D.

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EDUCATION

Doctor of Philosophy - Agricultural and Extension Education	The Pennsylvania State University	2003
Master of Science - Agricultural Education	North Carolina A&T State University	2000
Bachelor of Science - Agricultural Business	Florida A&M University	1995

PROFESSIONAL CERTIFICATIONS

Global Career Development Facilitator (GCDF)	Center for Credentialing and Education The Center on Education and Work University of Wisconsin-Madison	2008
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DIRECTORSHIPS

Director, College of Agriculture, Mentoring@Purdue (M@P) Program, 2012-present

The M@P program is designed to increase the number of women and underrepresented minorities receiving post-secondary, STEM-based agricultural and life sciences degrees in Purdue University's College of Agriculture. As Director of the M@P program, I provide administrative and strategic leadership.

AFFILIATE ACADEMIC APPOINTMENTS

Senior Research Associate, Penn Center for Minority Serving Institutions, University of Pennsylvania, 2016-present

As a Senior Research Associate, I lead and contribute to the development of research briefs, reports, journal manuscripts, book chapters, grant proposals, and national events organized by the Center.

RESEARCH EXPERTISE

My research agenda focuses on the educational access and equity of students and faculty of color. My areas of expertise are as follows:

- Mentorship of women and underrepresented minority graduate students;

- STEM career development of racial and ethnic minorities attending HBCUs; and
- Educational and professional mobility of women and underrepresented minority graduate students and faculty.

SUMMARY OF PROFESSIONAL EXPERIENCE

August 2012 to present

Associate Professor, College of Agriculture, Purdue University, Department of Agricultural Sciences Education and Communication, (100% Appointment); College of Education, Department of Curriculum and Instruction (25% Joint Appointment, August 2009 to June 30, 2015)

August 2009 to July 2012

Assistant Professor, College of Agriculture, Purdue University, Department of Youth Development and Agricultural Education (75% Appointment); College of Education, Department of Curriculum and Instruction (25% Joint Appointment)

January 2004 to July 2009

Assistant Professor, Iowa State University, Department of Agricultural Education and Studies (75% Appointment); School of Education (25% Joint Appointment)

August 2000 to December 2003

Graduate Assistant, The Pennsylvania State University, College of Agriculture, Department of Agricultural and Extension Education

August 1998 to April 2000

Graduate Assistant, North Carolina A&T State University, School of Agriculture and Environmental Sciences, Department of Agricultural Education, Economics, and Rural Sociology

August 1996 to July 1998

Agricultural Science Instructor, The Chicago High School for Agricultural Sciences, Chicago, IL

A. PROFESSIONAL AND ACADEMIC MEMBERSHIPS

1. American Association for Agricultural Education (AAAE)
2. American Educational Research Association (AERA)
3. Association for Career and Technical Education Research (ACTER)
4. Association for the Study of Higher Education (ASHE)
5. Council of Graduate Schools (CGS)
6. Graduate Career Consortium
7. Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS)
8. National Association of Colleges and Teachers of Agriculture (NACTA)
9. National Career Development Association (NCDA)
10. Society of Vocational Psychology (SVP)

B. AWARDS, HONORS AND RECOGNITION

1. National Land-Grant Diversity Conference Diversity Champion Award (Award presented to the Mentoring@Purdue Team), 2019
2. Outstanding Graduate Mentor/Teacher, Department of Youth Development and Agricultural Education, Purdue University, 2018, 2019
3. Violet Haas Award for the Advancement of Women, Purdue University, 2018
4. Commission on Access, Diversity, & Excellence Distinguished (CADE) Service Award Nominee, 2018
5. Association of Public and Land-grant Universities (APLU), Board on Agriculture Assembly, National Experiment Station Section Diversity and Inclusion Award (Award presented to the Mentoring@Purdue Team), 2018
6. Millionaires Club, College of Agriculture, Purdue University, 2018
7. Outstanding Graduate Mentor/Teacher, Department of Youth Development and Agricultural Education, Purdue University, 2018
8. MSI Aspiring Leader, Penn Center for Minority Serving Institutions (CMSI), University of Pennsylvania, 2017-2019
9. Purdue University Black Graduate Student Association (BGSA) Engagement Award (Award presented to the Mentoring@Purdue Team), 2017
10. Excellence in Research/Seed for Success Award (i.e., The Acorn Award), Purdue University, 2017
11. North Central American Association for Agricultural Education (NC-AAAE) Region, Distinguished Research Award, 2016
12. Purdue University Bravo Award, 2015
13. Erin Slater Mentoring Achievement Award, College Mentors for Kids, Purdue University, 2015
14. Fellow, NSF-ITEST (Innovative Technology Experiences for Students and Teachers) Fellows Program, 2012
15. Teaching for Tomorrow (TfT) Award, Purdue University, 2011-2012
16. Teaching Fellow, North American Colleges and Teachers of Agriculture (NACTA), 2011
17. Outstanding Early Career Agricultural Educator Award, North Central American Association for Agricultural Education (NC-AAAE) Region, 2010
18. Outstanding Undergraduate Teacher, Department of Youth Development and Agricultural Education, Purdue University, 2010
19. Early Achievement in Teaching Award, Iowa State University, College of Agriculture and Life Sciences, 2009
20. Outstanding Beginning Scholar, Association for Career and Technical Education Research (ACTER), 2008
21. Wakonse Foundation Teaching Fellow, 2008
22. Mentor Award of Appreciation, Science with Practice, Iowa State University, 2005
23. Iowa State Teaching Award of Merit, North American Colleges and Teachers of Agriculture (NACTA), 2005
24. Outstanding Advisor Award, College of Agriculture, Iowa State University Ag Council, 2004

C. COURSES TAUGHT

Graduate

- YDAE 68100, Research Design for Social Scientists (3 cr.)
- YDAE 64400, Graduate Seminar (1 cr.)
- YDAE 59000, Special Topics (3 cr.)
- YDAE 59100, Theories of Learning and Development (3 cr.)
- YDAE 59100, Introduction to Basic Applied Data Analysis (3 cr.)

Graduate Advising

Committee Chair (Ph.D.)

1. Zachary Brown, 2021
2. Ulyssa Hester, 2020
3. Quincy Clark, 2019
4. Brandon Allen, 2019
5. Torrie Cropps, 2019
6. Brittini Brown, 2016
7. Qi Ding, 2015

Committee Chair (M.S.)

1. Elizabeth Alexander, August 2019
2. Ryan Kornegay, 2019 (Co-Chair)
3. Trinity Johnson, 2018
4. Dottie Vollmer, 2018
5. Abby Coy, May 2017
6. Amonté Martin, 2017
7. Krystin Bodden, 2014
8. Megan Anderson, 2014
9. Gabe Nobbe, 2014 (Chair)
10. Lindsay Myers, 2013
11. Rebekah Nortrup, 2013
12. Abby Robinson, 2011

Committee Member (Ph.D.)

1. Chaihua Lin, 2018
2. Yujie Huang, 2019
3. Nicole McDonald, University of Southern Queensland, Australia, 2017
4. Lisa Keefe, 2013
5. Asha Stephen, 2009 (Iowa State University)
6. John Musamakweri, 2007 (Iowa State University)
7. Jason Ellis, 2006 (Iowa State University)

Committee Member (M.S.)

1. Amy Jones, 2011

2. Ryan Wynkoop, 2011
3. Marcus Glenn, 2009 (Chair, Iowa State University)
4. Kate Junk, 2008 (Iowa State University)
5. Jessica Bowser, 2006 (Iowa State University)
6. Tim Clark, 2006 (Iowa State University)

Committee Member (Non-Thesis)

1. John Duncan, 2015
2. Caren Crum, 2014
3. Sarah Dyer, 2014
4. Matt Dice, 2013
5. Susan Wagner, 2013
6. Mark McClenning, 2011
7. Kelli Hoffman, 2011
8. Erin Mix, 2011
9. Jeanna Eppley, 2011
10. Nichole Parker, 2011
11. Andrea Schwartz, 2011
12. Brian Oostenink, 2008 (Iowa State University)
13. Kaye Strobehn, 2008 (Chair, Iowa State University)
14. Brian Kouba, 2006 (Iowa State University)

D. PUBLICATIONS

Refereed Journal Articles

1. Johnson*, A., Esters, L.T., Knobloch, N.A., & Brady, C.B. (in press). Exhibition experiences and adult interactions in youth livestock projects. Manuscript submitted to the *North American Colleges and Teachers of Agriculture (NACTA) Journal*.
2. Vollmer*, D., Esters, L.T., Knobloch, N.A., & Getz, D.A. (in press). Perceived value of a pre-graduate school resource guide among underrepresented minority undergraduate students. Manuscript submitted to the *North American Colleges and Teachers of Agriculture (NACTA) Journal*.
3. Johnson*, T., Esters, L.T., Knobloch, N.A., & Proctor, S.H. (in press). A follow-up study of underrepresented minority students' perceived value of a pre-graduate program experience in Ag+STEM disciplines. Manuscript submitted to the *North American Colleges and Teachers of Agriculture (NACTA) Journal*.
4. Esters, L.T. (in press). An exploratory study of undergraduate students' presentation self-efficacy. *Journal of Agricultural Education*.
5. Allen*, B.C.M., Knobloch, N.A. & Esters, L.T. (2018). A case study evaluation of a mentoring training program focused on women and underrepresented minorities in Ag+STEM programs. *North American Colleges and Teachers of Agriculture (NACTA) Journal*.

6. Liceaga, A., Ballard, T., & Esters, L.T. (2014). Increasing content knowledge of high school educators through a continuing education course in food science. *Journal of Food Science Education*, 13(2), 28-32.
7. McGowan, O., Anderson, G., McGowan, B., Knobloch, N., & Esters, L. (2013). Engaging faculty to use learner-centered teaching. *Journal of the Oklahoma Association of Teacher Educators*, 16, 64-69.
8. Robinson*, A., Esters, L.T., McKee, R., Tucker, M.A., & Dotterer, A. (2012). An exploratory study of the Five Cs model of positive youth development among Indiana 4-H youth. *Journal of Youth Development*, 7(1), 82-98.
9. Glenn*, M., & Esters, L.T. (2012). Mentoring perceptions and experiences of minority students participating in summer research opportunity programs. *NACTA Journal*, 56(1), 35-42.
10. Esters, L.T., & Retallick, M.S. (2012). Effect of an experiential learning and work experience program on selected career development outputs: A case study. *Career and Technical Education Research Journal*, 38(1), 69-83.
11. Jones, A. J., Knobloch, N. A., Orvis, K. S., & Esters, L. T. (2012). Motivational factors related to youth career development (Czynniki motywujące młodzież do rozwoju ścieżki zawodowej). *Polish Journal of Continuing Education*, 79(4), 26-38.
12. Esters, L.T. (2008). Factors influencing the postsecondary education enrollment behaviors of urban agricultural education students. *Career and Technical Education Research Journal*, 32(2), 1-14.
13. Esters, L.T. (2008). Influence of career exploration process behaviors on agriculture students' level of career certainty. *Journal of Agricultural Education*, 49(3), 23-34.
14. Esters, L.T., & McCulloh, R. (2008). Career exploratory behaviors of postsecondary agriculture students. *Journal of Agricultural Education*, 49(1), 1-11.
15. Esters, L.T. (2007). Exploring the relationship between career indecision and career exploration of agriculture students. *NACTA Journal*, 51(1), 11-16.
16. Esters, L.T. (2007). Career indecision levels of students enrolled in a college of agriculture. *Journal of Agricultural Education*, 48(4), 130-141.
17. Esters, L.T. (2007). Relationship of career exploratory beliefs to career certainty of undergraduate agriculture students. *NACTA Journal*, 51(4), 31-37.
18. Esters, L.T., & Bowen, B.E. (2005). Factors influencing career choices of urban agricultural education students. *Journal of Agricultural Education*, 42(2), 23-34.

19. Esters, L.T., & Bowen, B.E. (2004). Factors influencing enrollment in an urban agricultural education program. *Journal of Career and Technical Education*, 21(1), 25-37.

Manuscripts Under Review

1. Allen*, B.C.M., Rodriguez, A., & Esters, L.T. (under review). *Using critical race theory to redefine the 12 professional dispositions of chief diversity officers*. Manuscript submitted to the *Journal of Diversity in Higher Education*.
2. Clark*, Q.M., Brown, B.R., Knobloch, N.A., & Esters, L.T. (under review, resubmission). Broadening participation in agricultural life sciences through a STEM intervention program. Manuscript submitted to the *Journal of Agricultural Education*.
3. Cropps*, T.A., Brown, B.R., Coy, A.C., Esters, L.T., & Knobloch, N.A. (under review, resubmission). Mentoring perceptions of Black and biracial graduate students pursuing STEM degrees at a research-intensive university. Manuscript submitted to the *Journal of Women and Minorities in Sciences and Engineering*.
4. Martin*, A.L., Esters, L.T., Knobloch, N., & Kelley, S.S. (under review, resubmission). A descriptive profile of urban middle school students' food and garden experiences. Manuscript submitted to the *Journal of Environmental Education*.
5. Bodden*, K.R., & Esters, L.T. (under review, resubmission). Exploring diversified mentoring relationships in STEM fields. Manuscript submitted to the *Journal of Multicultural Education*.
6. Brown*, B.R., & Esters, L.T. (under review). Mentoring and negotiation of STEM, racial/ethnic, and graduate student identities for URM students in STEM. Manuscript submitted to the *Journal of Career Development*.
7. Brown*, B.R., & Esters, L.T. (under review). A case study exploring how URM graduate students negotiate and make meaning of the STEM, racial/ethnic, and graduate student identities. Manuscript submitted to the *Journal of Diversity in Higher Education*.
8. Ding, Q*, & Esters, L.T. (under review). Influence of instrumentality and expressivity on the career choice actions of African American college students. Manuscript submitted to the *Journal of Career Development*.
9. Ding, Q*, & Esters, L.T. (under review). Role of social supports and barriers to the career development of STEM-intensive agricultural sciences majors. Manuscript submitted to the *Career and Technical Education Research Journal*.
10. Ding, Q*, & Esters, L.T. (under review). Influence of helpful and hindering factors in the pursuit of STEM-intensive agricultural sciences major by African American students enrolled at HBLGUs. Manuscript submitted to the *Journal of Agricultural Education*.
11. Johnson*, A., & Esters, L.T. (under review). Development of life skills and livestock exhibition motives among 4-H participants. Manuscript submitted to the *Journal of Agricultural Education*.

* = Graduate Student Served as Lead Author

Manuscripts in Preparation

1. Clark*, Q. M., & Esters, L. T., & Knobloch, N. A. (in preparation). The Mentoring@Purdue model: Improving access to STEM graduate education for minority students. *Journal of Cell Biology Education: Life Sciences Education*. [This manuscript is 50% complete.]
2. Clark*, Q. M., Knobloch, N. A., & Esters, L. T. (in preparation). An empowered mentor-leader program model: Developing professional and personal skills of graduate students. *Journal of Cell Biology Education: Life Sciences Education*. [This manuscript is 50% complete.]

Refereed Conference Paper Presentations

1. Esters, L. T., Brown, Z., & Knobloch, N. A. (2019). *Advancing equity, inclusion, and diversity and inclusion through multi-pronged mentoring program*. Invited presentation at the International Mentoring Association National Conference, Gainesville, FL.
2. Esters, L. T., Clark, Q.M., & Knobloch, N. A. (2019). *Developing a mentoring based recruitment and retention program model*. Paper presented at the National Land Grant Diversity Conference, Hebron, KY.
3. Esters, L. T., Hester, U., Cropps, T., & Knobloch, N. A. (2019). *Encouraging mentoring best practices through a graduate peer mentor training program at a historically White institution*. Paper presented at the National Land Grant Diversity Conference, Hebron, KY.
4. Clark*, Q. M., Bostic, J.D., Esters, L. T., Knobloch, N. A., Alexander, E., Brown, Z., Hester, U., & Kornegay, R. (2019). *Developing real-world engineering tasks using agricultural life sciences contexts*. Paper presented at the American Society for Engineering Education Conference, Tampa, FL.
5. Hester*, U., Esters, L.T., Alexander, E., Brown, Z., Clark, Q. M., Knobloch, N., & Kornegay, R. (2019). *Development of mentor training program for STEM professional and graduate student mentors*. Paper presented at the American Society for Engineering Education (ASEE), Tampa, FL.
6. Alexander*, E., Knobloch, N., Brown, Z., Clark, Q., Esters, L.T., Hester, U., & Kornegay, R. (2019). *Motivating the next generation of STEM professionals through cultural, community, and career connections in the classroom*. American Society for Engineering Education (ASEE), Tampa, FL.
7. Alexander*, E., Brown, Z., Clark, Q., Esters, L.T., Hester, U., Knobloch, N., & Kornegay, R. (2019). *Establishing Community Engagement through Celebratory STEM Fair*. American Society for Engineering Education (ASEE), Tampa, FL.

8. Clark*, Q.M., Esters, L.T., & Knobloch, N.A. (2019). Developing leadership and professional skills of graduate students' using an empowered mentor-leader program model. Paper to be presented at the American Educational Research Association, Toronto, Canada.
9. Allen*, B.C.M., Rodriguez, A., & Esters, L.T. (2019). *Using critical race theory to redefine the 12 professional dispositions of chief diversity officers*. Paper to be presented at the American Educational Research Association, Toronto, Canada.
10. Allen*, B.C.M., & Esters, L.T. (2018). *Recognizing the value of historically Black land-grant universities*. Paper submitted to the 17th Annual Hawaii International Conference on Education, Honolulu, HI.
11. Allen*, B.C.M., Cropps, T., Hester, U., & Esters, L.T. (2018). *Social justice mentoring as an approach to enhancing the graduate school experiences of women and underrepresented minorities*. Paper submitted to the 17th Annual Hawaii International Conference on Education, Honolulu, HI.
12. Cropps*, T.A., Allen, B.C.M., Clark, Q.M., & Esters, L.T. (2018). *Strategies to developing graduate student career preparation for the academy and beyond*. Paper presented at the 17th Annual Hawaii International Conference on Education, Honolulu, HI.
13. Clark*, Q. M., Rehmat, A. P., Esters, L. T., Knobloch, N.A. Alexander, E. M., Hester, U., Johnson, T.A., & Vollmer, D. (2018). *Developing community and culturally-relevant connections through contextualized agricultural life science learning activities*. Paper presented at the 17th Annual Hawaii International Conference on Education, Honolulu, HI.
14. Esters, L.T. (2018). *Professional dispositions contributing to academic and non-academic career success of graduate students*. Paper presented at the International Conference on Urban Education (ICUE) Biennial Meeting, Nassau, Bahamas.
15. Esters, L.T., Knobloch, N.A., & Clark, Q.M. (2018). *Developing an inclusive and intentional culture of mentoring to advance diversity and equity*. Paper presented at the 10th Conference on Understanding Interventions that Broaden Participation in Science Careers, Baltimore, MD.
16. Martin*, A., & Esters, L.T. (2017). *A descriptive profile of urban middle school students' food and garden experiences*. Paper presented at the 16th Annual Hawaii International Conference on Education, Honolulu, HI.
17. Johnson*, A., & Esters, L.T. (2017). *Development of life skills and livestock exhibition motives among 4-H participants*. Paper presented at the 16th Annual Hawaii International Conference on Education, Honolulu, HI.
18. Johnson*, A., Esters, L.T., Knobloch, N.A., & Brady, C.B. (2017). *Exhibition experiences and adult interactions in youth livestock projects*. Paper presented at the North American Colleges and Teachers of Agriculture, West Lafayette, IN.

19. Nguyen, T., Gasman, M., Boland, W., & Esters, L.T. (2017). *Institutional isomorphism and HBCUs*. Paper presented at the 2017 American Educational Research Association, San Antonio, TX.
20. Myers-Jensen*, L., & Esters, L.T. (2016). *Acculturation orientations of Indiana 4-H adult volunteers toward underrepresented minorities*. Paper presented at the 2016 North Central AAE Research Conference, West Lafayette, IN.
21. Anderson-McGrady*, M., & Esters, L.T. (2016). *An exploratory study of advanced agriscience students' views of the nature of science*. Paper presented at the 2016 North Central AAE Research Conference, West Lafayette, IN.
22. Nortrup*, R., & Esters, L.T. (2016). *The nature of science conceptions of agricultural science teachers*. Paper presented at the 15th Annual Hawaii International Conference on Education, Honolulu, HI.
23. Bodden-Catlin*, K., & Esters, L.T. (2016). *Mentoring perceptions of women STEM graduate students*. Paper presented at the 15th Annual Hawaii International Conference on Education, Honolulu, HI.
24. Ding*, Q., & Esters, L.T. (2016). *Testing the effects of self-efficacy, outcome expectations and interests on degree goals and career exploratory behaviors of African American students*. Paper presented at the Conference of the International Association for Educational and Vocational Guidance (IAEVG), Madrid, Spain.
25. Brown*, B.R., & Esters, L.T. (2016). *A case study exploring how URM graduate students negotiate and make meaning of the STEM, racial/ethnic, and graduate student identities*. Paper presented at the Association for the Study of Higher Education Annual Conference, Columbus, OH.
26. Allen*, B.C., Esters, L.T., & Knobloch, N. (2016). *Participants' perceived importance and application of Mentoring@Purdue program seminars and workshops*. Paper presented at the North American Colleges and Teachers of Agriculture, Honolulu, HI.
27. Ding*, Q., Esters, L.T., Deemer, E., Dotterer, A., & Knobloch, N.A. (2016). *Influence of instrumentality and expressivity on the career choice actions of African American college students*. Paper presented at the Society of Vocational Psychology, Biennial Conference, Tallahassee, FL.
28. Ding*, Q., Esters, L.T., Deemer, E., Dotterer, A., & Knobloch, N.A. (2016). *Role of social supports and barriers on the career development of STEM-intensive agricultural sciences majors*. Paper presented at the Society of Vocational Psychology, Biennial Conference, Tallahassee, FL.
29. Brown*, B.R., Cropps, T.A., Coy, A., Esters, L.T., Knobloch, N.A. (2016). *Mentoring perceptions of underrepresented minorities pursuing STEM-based agricultural and life science graduate degrees*. Paper presented at the American Educational Research Association (AERA) Annual Meeting, Washington, DC.

30. Brown*, B.R., Esters, L.T., Knobloch, N.A. (2015). *Increasing the presence of URM's in STEM through mentoring-based recruitment*. Paper presented at the American Association of Blacks in Higher Education National Conference, Charleston, SC.
31. Cropps*, T.A., & Esters, L.T. (2015). *Enhancing persistence of Blacks pursuing graduate degrees through mentoring*. Presentation at the HBCU Student Success Summit, Atlanta, GA.
32. Ding*, Q., & Esters, L.T. (2015). *Testing the bidirectional relationship between interests and self-efficacy among New Zealand secondary vocational education students*. Paper presented at the Association for International and Agricultural and Extension Education Conference, Wageningen, Netherlands.
33. Bodden*, K.R., & Esters, L.T. (2014). *Enhancing the graduate school experiences of women and underrepresented minorities (URMs) from 1890 historically Black land-grant universities*. Paper presentation at the HBCU Student Success Summit, Atlanta, GA.
34. Bodden*, K.R., & Esters, L.T. (2014). *Exploring diversified mentoring relationships in STEM fields*. Paper presentation at the 7th Annual Mentoring Conference, Albuquerque, NM.
35. Bodden*, K.R., & Esters, L.T. (2014). *Effective mentoring for minorities and women in STEM graduate education*. Conference presentation at the National Access, Diversity & Excellence Summit, Boston, MA.
36. Brown*, B.R., Esters, L.T., & Knobloch, N. A. (2014). *Enhancing the graduate school experiences of women and underrepresented minorities (URMs) from 1890 historically Black land-grant universities*. Presentation at the Association of Public and Land-Grant Universities' Historically Black Land-Grant Universities Student Success Summit, Atlanta, GA.
37. Knobloch, N. A., Hains, B., Keefe, L., Chang, S., Espinoza Morales, C., Welsh, M., Balschweid, M., Ballard, T., Liceaga, A., Orvis, K., Snyder, L., Zanis, M., Rossano, M., Silvia, W., Brady, C., Esters, L. T., Latour, M., & Graveel, J. (2013). *Enhancing introductory college courses using educational games in animal, plant and food sciences (Mejorando cursos universitarios introductorios usando juegos educativos en zootecnia, botanica, y ciencias alimentarias)*. In C. Gomez & E. De Corte (Eds.), *Presentations of the Inaugural International Congress of Innovation in Higher Education for Teaching and Learning Agriculture and Natural Resources*, 61-65). Lima, Peru: Universidad Nacional Agraria - La Molina.
38. Schwartz, A., Knobloch, N. A., Esters, L. T., & Brady, C. (2012). *The effects of a technology-mediated animal science unit on community college students' knowledge and motivation*. Research paper presented at the annual meeting of the American Association for Agricultural Education, Ashville, NC.
39. Knobloch, N., Keefe, L., Hains, B., Robin, S., Esters, L.T., & Anderson, M. (2011). *Opportunities and challenges of career and technical education in preparing the future Science, Technology, Engineering and Mathematics (STEM) workforce*. Symposium presented at the 45th Annual Meeting of the Association for Career and Technical Education Research Conference, St. Louis, MO.

40. Wynkoop, R., Peters, J., Esters, L.T., Talbert, A. (2011). *Educational technology use and acquisition in secondary agricultural education programs*. Paper presented at the North Central American Association for Agricultural Education Research Conference, State College, PA.
41. Jones, A., Knobloch, K., Orvis, K., & Esters, L.T. (2011). *Youth motivational factors related to performance in a state horticulture career development event*. Paper presented at the 45th Annual Meeting of the Association for Career and Technical Education Research Conference, St. Louis, MO.
42. Jones, A., N. Knobloch, L. Esters, & K.S. Orvis. (2011). *Youth motivational factors related to performance in a state horticulture career development event*. ASHS Annual Meeting, Waikoloa, HI.
43. Snyder, L., Knobloch, N., Brady, C., Carroll, N., Dotterer, A., Esters, L., Rusk, C., & Tormoehlen, R. (2009). *4-H high school students' career intentions and motivation to learn science after participating in science workshops* Paper presented at the 43rd Annual Meeting of the Association for Career and Technical Education, Nashville, TN.
44. Esters, L.T., & Retallick, M. (2008). *Effect of an experiential learning and work experience program on vocational identity, career decision-making self-efficacy, and career maturity*. Paper presented at the 42nd Annual Meeting of the Association for Career and Technical Education, Charlotte, NC.
45. Esters, L.T., & Knobloch, N. (2008). *Korean high school students' level of interest and intentions to pursue careers in agriculture*. Paper presented at the American Educational Research Association Annual Meeting, Chicago, IL.
46. Esters, L.T., & Retallick, M.S. (2008). *Putting theory, research, and practice to work: Development of a college-wide experiential learning and work experience program*. Paper presented at the National Career Development Association Global Conference, Washington, DC.
47. Esters, L.T. (2005). *Factors influencing the college choice of urban agricultural education students*. Paper presented at the 32nd Annual American Association for Agricultural Education Research Conference, San Antonio, TX.
48. Esters, L.T., & Bowen, B.E. (2004). *Factors influencing career choices of urban agricultural education students*. Paper presented at the 31st Annual American Association for Agricultural Education Research Conference, St Louis, MO.
49. Esters, L.T. (2004). *Factors influencing enrollment in an urban agricultural education program*. Proceedings of the North Central Region Agricultural Education Research Conference, Indianapolis, IN.

Refereed Abstracts

1. Esters, L.T., & Anderson, M. (2012). Food science education publications and websites. *Journal of Food Science Education*, 11(2), 6-7.
2. Jones, A. J., Knobloch, N., Orvis, K.S., & Esters, L.T. (2011). *Youth Motivational Factors Related to Performance in a State Horticulture Career Development Event*. 2011 Conference of the American Society of Horticulture Science, Waikoloa, HI.
3. Esters, L.T., Knobloch, N., Dotterer, A., Orvis, K., & Brady, C. (2011). *Role of social cognitive variables on agricultural and science career interests and goals of rural high students*. Abstract presented at the 2nd Annual Gender and STEM Research Symposium, West Lafayette, IN.
4. Esters, L. T., & Knobloch, N. A. (2010). *Attracting Underrepresented Minorities through Contextual Learning STEM Experiences*. Abstract presented at the annual meeting of the North American Colleges and Teachers of Agriculture, State College, PA.
5. Knobloch, N., Esters, L., & Jones, A. (2010). *Life Science Education Signature Area (LSESA): An Interdisciplinary Approach to the Contextual Application of STEM Learning*. Abstract presented at the annual meeting of the North American Colleges and Teachers of Agriculture, State College, PA.
6. Ortega, R. R., Knobloch, N. A., Tormoehlen, R.L., Orvis, K. S., & Esters, L.T. (2010). *Increasing Urban Youths' Science Interests and Science Career Intentions through a Pre-college Agricultural Discovery Camp*. Abstract presented at the 2010 Association of Public and Land-Grant Universities' Academic Programs Section (APS) Summer Summit on "Creating Change: Building Human Capacity for a Sustainable Future," State College, PA.
7. Esters, L.T., Knobloch, N. A., Ortega, R.R., & Jones, A. J. (2010). *Human Capacity Development in Science, Technology, Engineering, Agriculture, and Math (STEAM) Disciplines through Pre-College Science Workshops for Rural High School Students*. Abstract presented at the 2010 Association of Public and Land-Grant Universities' Academic Programs Section (APS) Summer Summit on "Creating Change: Building Human Capacity for a Sustainable Future," State College, PA.
8. Knobloch, N.A., Esters, L. T., McGowan, O.S., McGowan, B. W., & Jones, A.J. (2010). *Developing human capacity through learner-centered teaching approaches at historically black colleges and universities*. Abstract presented at the 2010 Association of Public and Land-Grant Universities' Academic Programs Section (APS) Summer Summit on "Creating Change: Building Human Capacity for a Sustainable Future," State College, PA.
9. Knobloch, N.A., & Esters, L.T. (2010). *Life science education signature area (LSESA): An interdisciplinary approach to the contextual application of STEM learning*. Abstract presented at the Gender and Science, Technology, Engineering and Mathematics (STEM) Research Symposium hosted by ADVANCE-Purdue and the Center for Faculty Success, West Lafayette, IN.
10. Esters, L.T., & Knobloch, N.A. (2010). *Attracting underrepresented minorities through contextual learning STEM experiences*. Abstract presented at the Gender and Science, Technology,

Engineering and Mathematics (STEM) Research Symposium hosted by ADVANCE-Purdue and the Center for Faculty Success, West Lafayette, IN.

E. EDITOR-REVIEWED ARTICLES AND REPORTS

1. Esters, L.T. (2006). Facilitating the career development process in agricultural education. *The Agricultural Education Magazine* 75(3), 20-21.

F. BOOKS AND ENCYCLOPEDIA CHAPTERS

1. Esters, L., & Williams, J.L. (in preparation). Transitioning to the professoriate and beyond: Professional dispositions contributing to academic and non-academic career success of graduate students. In Brooks, F.E., Hilton, A.A., Davis, C.H., & Hamrick, R. (Eds). (Under Contract). *The beauty and the burden of being a Black professor*. Emerald Publishing, United Kingdom.
2. Barnett, M., Patchen, A., Esters, L. T., & Knobloch, N.A. (in press). *STEM Learning and teaching through urban agriculture: What the research says*. New York, NY: Springer.
3. Barnett, M., Patchen, A., Esters, L. T., & Knobloch, N.A. (in press). *Designing urban agriculture programs to improve STEM learning and teaching*. New York, NY: Springer.
4. Gasman, M., Washington, A., & Esters, L.T. (2017). Paul Quinn College: Servant leadership in action. In R. Palmer, D. Maramba, A. Arroyo, T.O. Allen, T. Boykin, & J.M. Lee (Eds.), *Exploring Opportunities and Challenges at Minority Serving Institutions*. New York: Routledge.
5. Esters, L.T., Washington, A., & Gasman, M. (2017). *HBCU leadership series: Presidential leadership at Paul Quinn College*. New York, NY: Routledge.
6. Jones, A.J., Knobloch, N. A., Orvis, K.S., & Esters, L.T. (2014). Motivational factors related to youth performance in an out-of-school, competitive horticulture career development event. In J. Stone (ed.), *Badanie rozwoju zawodowego, edukacji technicznej i kariery w Stanach Zjednoczonych Ameryki (Models of development of career and technical education in the United States of America)*.
7. Esters, L.T. (2008). Occupational information. In F.T.L. Leong (Ed.), *Encyclopedia of Counseling*. Thousand Oaks, CA: Sage Publications.
8. Esters, L.T. (2008). Career planning. In F. T. L. Leong (Ed.), *Encyclopedia of Counseling*. Thousand Oaks, CA: Sage Publications.

G. REFEREED RESEARCH & INNOVATIVE IDEA POSTER PRESENTATIONS

1. Clark, Q. M., Bostic, J. D., Esters, L. T., & Knobloch, N. A. (2019). *Designing agricultural life science MEAs through the lens of a novice: A self study*. Poster presented at the 41st Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education, St. Louis, MO.
2. Cropps*, T.A., Hester, U., Esters, L.T., & Knobloch, K.A. (2019). *A critical race analysis of a graduate peer mentor training program at a historically white institution*. Poster to be presented at the National Conference on Race and Ethnicity; Portland, OR.
3. Cropps*, T.A., & Esters, L.T. (2019). *#AgSoWhite: A critical race examination of agricultural life science education at predominantly White institutions*. Poster to be presented at the National Conference on Race and Ethnicity; Portland, OR.
4. Alexander*, E., & Esters, L.T. (2019). *An exploratory study of the obstacles encountered and overcome by Indiana women entrepreneurs involved in niche agriculture*. Poster to be presented at the Indiana Small Conference, Danville, IN.
5. Brown*, Z., Esters, L.T., Knobloch, N.A., Alexander, E., Allen, B.C.M., Clark, Q.M., Cropps, T., Hester, U., Huang, Y., Johnson, T., Merzdorf, J., Kornegay, R., & Vollmer, D. (2019). *Advancing diversity and inclusion through a multifaceted mentoring program*. Poster to be presented at the 11th Conference on Understanding Interventions that Broaden Participation in Science Careers, Baltimore, MD.
6. Brown, Z*, Esters, L.T., Knobloch, N.A., Alexander, E., Allen, B.C.M., Clark, Q. M., Cropps, T., Kornegay, R., Hester, U., Huang, Y., Merzdorf, J., & Vollmer, D. (2019). *Using a multifaceted mentoring program to advance diversity and inclusion in graduate studies*. Poster presentation at the 34th MANRRS Annual Career Fair and Training Conference, Overland Park, KS.
7. Cropps*, T.A., Hester, U., Esters, L.T., & Knobloch, N.A. (2018). *Encouraging mentoring best practices through a graduate peer mentor training program at a historically White institution*. Poster to be presented at the Association for the Study of Higher Education, Tampa, FL.
8. Baker, M., Powell, A., & Esters, L.T. (2018). *Improving LGBTQIA+ student retention and success through peer mentoring*. Poster presented at the National Conference on Race & Ethnicity (NCORE) in American Higher Education, New Orleans, LA.
9. Allen*, B.C.M., Cropps, T., Hester, U., & Esters, L.T. (2018). *Using social justice mentoring to enhance the graduate school experiences of women and underrepresented minorities*. Poster presented at the National Conference on Race and Ethnicity (NCORE) in American Higher Education, New Orleans, LA.
10. Allen*, B.C.M., & Esters, L.T. (2018). *Historically Black land-grant universities: Overcoming barriers and achieving success*. Poster presented at the National Conference on Race and Ethnicity in American Higher Education, New Orleans, LA.

11. Allen*, B.C.M., Rodriguez, A., & Esters, L.T. (2018). *Using critical race theory to redefine the 12 professional dispositions of chief diversity officers*. Poster presented at the National Conference on Race and Ethnicity (NCORE) in American Higher Education, New Orleans, LA.
12. Clark*, Q.M., Esters, L.T. & Knobloch, N.A. (2018). *Developing professional and personal skills of graduate students using an empowered mentor-leader program model*. Poster presented at the National Conference on Race & Ethnicity (NCORE) in American Higher Education, New Orleans, LA.
13. Cropps*, T.A., Esters, L.T., & Knobloch, N.A. (2018). *Encouraging mentoring best practices through a graduate peer mentor training program*. Poster presented at the American Association for Agricultural Education (AAAE) Research Conference, Charleston, SC.
14. Charoenmuang, M., Martin, A., Knobloch, N.A., Esters, L.T., & Kelley, S. (2018). *Using food and garden activities to promote indirect academic outcomes and future aspirations*. Poster presented at the American Association for Agricultural Education (AAAE) Research Conference, Charleston, SC.
15. Clark*, Q. M., Rehmat, A. P., Esters, L. T., Knobloch, N.A. Alexander, E. M., Hester, U., Johnson, T.A., & Vollmer, D. (2018). *Fostering community and culturally relevant connections through model-eliciting activities*. Poster presented at the GEM-ASEE Showcase, Washington, D.C.
16. Knobloch, N.A., Esters, L. T., Diefus-Dux, H.A., Rehmat, A.P., Clark, Q. M., Hester, U., Johnson, T.A., Vollmer, D., Alexander, E. (2018). *Enhancing minority middle school student knowledge, literacy, and motivation in STEM using culturally-relevant contexts*. Poster presented at the ASEE (American Society of Engineering Education Salt Lake City, UT.
17. Alexander*, E. M., & Esters, L.T. (2018). *Role of women's empowerment in sustainable development goals*. Poster presented at the North American Colleges and Teachers of Agriculture (NACTA) Conference, Ames, IA.
18. Cropps*, T.A., Allen, B.C.M., Clark, Q.M., & Esters, L.T. (2018). *Strategies to developing graduate student career preparation for the academy and beyond*. Poster presented at the North American Colleges and Teachers of Agriculture Conference, Ames, IA.
19. Charoemuang, M., Martin, A., Knobloch, N.A., Esters, L.T., & Kelley, S. (2018). *Promoting indirect academic outcomes and future aspirations via food and garden activities*. Poster presented at the North American Colleges and Teachers of Agriculture Conference, Ames, IA.
20. Vollmer*, D.L., & Esters, L.T. (2018). *Cloverbud and grow with mini 4-H camp*. Poster presented at the North American Colleges and Teachers of Agriculture Conference. Ames, IA.
21. Clark*, Q.M., & Esters, L.T. (2017). *STEMulate-K-12: A virtual lab*. Poster presented at the Latin American and Caribbean Consortium of Engineering Institutions (LACCEI) International Multi-Conference for Engineering Education, and Technology, Boca Raton, FL.

22. Clark*, Q.M., & Esters, L.T. (2017). *Model-eliciting activities (MEAs): Exploring interest and cognitive load*. Poster presented at the Latin American and Caribbean Consortium of Engineering Institutions (LACCEI) International Multi-Conference for Engineering, Education, and Technology, Boca Raton, FL.
23. Clark*, Q.M., *Cropps, T.A., Esters, L.T., & Knobloch, N.A. (2017). *Historically Black college and university students' perceptions of a pre-graduate school mentoring program*. Poster presented at the National Conference on Race and Ethnicity, Fort Worth, TX.
24. Cropps*, T.A., Esters, L.T., & Knobloch, N.A. (2017). *Encouraging mentoring best practices through a graduate peer mentor training program*. Poster presented at the North Central American Association for Agricultural Education (NC-AAAE) Research Conference, Ames, IA.
25. Martin*, A.L., Esters, L.T., Knobloch, N., & Kelley, S.S. (2017). *An exploratory study of the relationships among middle school students' food and garden experiences and their engagement and motivation*. Paper presented at the North American Colleges and Teachers of Agriculture, West Lafayette, IN.
26. Clark*, Q.M., Esters, L.T., & Knobloch, N.A. (2017). *Enhancing graduate student diversity through a mentoring-based recruitment and retention program model*. Poster presented at the North American Colleges and Teachers of Agriculture, West Lafayette, IN.
27. Brown*, B.R., & Esters, L.T. (2017). *Mentoring and negotiation of STEM, racial/ethnic, and graduate student identities*. Poster presented at the 2017 American Educational Research Association, San Antonio, TX.
28. Coy*, A.N., & Esters, L.T. (2016). *4-H afterschool volunteer training program*. Poster presented at the North American Colleges and Teachers of Agriculture (NACTA) Conference, Honolulu, HI.
29. Coy*, A.N., Allen, B.C.M., Cropps, T.A., Esters, L.T., Jones, A., & Egger, T. (2016). *Predicting perceived major fit among college freshman and transfer students*. Poster presented at the North American Colleges and Teachers of Agriculture (NACTA) Conference, Honolulu, HI.
30. Cropps*, T.A., Allen, B.C.M., Coy, A.N., Esters, L.T., Jones, A., & Egger, T. (2016). *Predictors of career decision-making self-efficacy among female college freshmen and transfer students*. Poster presented at the North American Colleges and Teachers of Agriculture (NACTA) Conference, Honolulu, HI.
31. Jones, A., Egger, T., Buckmaster, D., & Esters, L.T. (2016). *Factors influencing freshmen's decision to major in agriculture*. Poster presented at the North American Colleges and Teachers of Agriculture (NACTA) Conference, Honolulu, HI.
32. Brown*, B.R., Esters, L.T., & Knobloch, N.A. (2015). *Experiences of 1890 historically Black land-grant students participating in graduate school recruitment at a research university*. Poster presented at the American Educational Research Association Annual Meeting, Chicago, IL.

33. Brown*, B.R., & Esters, L.T. (2015). *Developing the graduate student pipeline in STEM using mentoring-based recruitment strategies*. Poster presented at the National Conference on Race and Ethnicity, Washington, DC.
34. Brown*, B.R., Cropps, T.A., & Esters, L.T. (2015). *United we stand: Increasing the persistence of URM students in STEM through strategic partnerships*. Poster presented at the National Conference on Race and Ethnicity, Washington, DC.
35. Bodden*, K., & Esters, L.T. (2013). *Influence of a 4-H round-up session of middle school students' educational and career plans*. Poster presented at the 13th Annual North Central Agricultural Education Research Conference, Platteville, WI.
36. Liceaga, A., Ballard, T., & Esters, L.T. (2013). *Increasing content knowledge of high school educators through a continuing education course in food science*. Poster presented at the Annual meeting of the Institute of Food Technologists, Chicago, IL.
37. Ding*, Q., & Esters, L.T. (2013). *Predicting career interests of Hispanic high school students: A test of social cognitive career theory*. Poster presented at the annual meeting of the American Psychological Association Convention, Honolulu, HI.
38. Ding*, Q., & Esters, L.T. (2013). *Testing the bidirectional relationship between interests and self-efficacy among New Zealand secondary vocational education students*. Poster presented at the annual meeting of the American Psychological Association Convention, Honolulu, HI.
39. Myers*, L., & Esters, L. (2012). *Enhancing science interest through the 4-H science extravaganza program*. Poster presented at the Annual North American Colleges and Teachers of Agriculture (NACTA) Conference, River Falls, WI.
40. Nortrup*, R., & Esters, L.T. (2012). *A descriptive analysis of nature of science (NOS) measurement tools for use in agricultural education*. Poster presented at the North Central American Association for Agricultural Education (NC-AAAE) Research Conference, State College, PA.
41. Anderson*, M., & Esters, L.T. (2012). *An analysis of a science-intensive agriculture and life science course for tenets of the nature of science*. Poster presented at the Annual Indiana Academy of Science Meeting, West Lafayette, IN.
42. Nortrup*, B., & Esters, L.T. (2012). *Promoting agriscience literacy through a state fair learning scavenger hunt*. Poster presented at the Annual Meeting of the American Association for Agricultural Education (AAAE), Asheville, NC.
43. Keefe, L., Knobloch, N., Hains, B., Robin, S., Baslchweid, M., Ballard, T., Liceaga, A., Orvis, K., Snyder, L., Zanis, M., Rosano, M., Silvia, W., Brady, C., Esters, L.T., Latour, M., & Graveel, J. (2012). *Building K-14 and university partnerships to enhance science capacity in introductory animal, plant, and food sciences courses*. Poster presented at the annual meeting of the North American Colleges and Teachers of Agriculture, River Falls, WI.

44. Anderson*, M., Keefe, L., Knobloch, N., & Esters, L.T. (2012). *Instructional coherence of standards and assessment of dual-credit courses in advanced life sciences*. Poster presented at the annual meeting of the North American Colleges and Teachers of Agriculture, River Falls, WI.
45. Esters, L.T., Knobloch, N., Dotterer, A., Orvis, K., & Brady, C. (2011). *Role of social cognitive variables on agricultural and science career interests and goals of rural high students*. Poster presented at the Society of Vocational Psychology 10th Biennial Conference, Boston, MA.
46. Anderson*, M., & Esters, L.T. (2011). *Enhancing student opportunities and science learning through the advanced life science (ALS) program*. Poster presented at the North Central AAAE Research Conference, State College, PA.
47. *Anderson, M., & Esters, L.T. (2011). *Do the tenets of nature of science exist in a science-intensive agriculture and life-science course?* Poster presented at the North Central AAAE Research Conference, State College, PA.
48. Knobloch, N., & Esters, L.T. (2011). *Life Science Signature Area (LSESA): An interdisciplinary approach to the contextual application of STEM learning*. Poster presented at the 1st Annual Purdue P-12 Engagement Symposium, West Lafayette, IN.
49. Esters, L.T., Knobloch, N.A., & Ortega, R. (2011). *Human capacity development in science, technology, engineering, agriculture, and math (STEAM) disciplines through pre-college science workshops for rural high school students*. Poster presented at the 1st Annual Purdue P-12 Engagement Symposium, West Lafayette, IN.
50. Oliver, H., Esters, L., McKenzie, E., Wiedman, M., & Nightingale, K. (2011). *Integration of molecular pathogen detection technology into an undergraduate food science curriculum: A pilot study*. Poster presented at the International Association for Food Protection Annual Meeting, Milwaukee, WI.
51. Keefe, L., Esters, L.T., & Knobloch, N.A. (2011). *High school students' performance on a dual-credit advanced life science exam*. Poster presented at the 57th Annual North American Colleges and Teachers of Agriculture (NACTA) Conference, Alberta, Canada.
52. McGowan, O., Stewart, A., McGowan, B. Knobloch, N.A., Esters, L.T., (2010). *Developing human capacity through learner-centered teaching approaches at historically black colleges and universities*. Research poster presented at the 2nd Annual OUCEC Conference 2010: University-Assisted Community Schools, "Where Theory and Practice Intersect: Pointing the Way to P-20 Success," Southwest Regional Network, Tulsa, OK.
53. Esters, L.T., & Wynkoop, R. (2010). *A descriptive analysis of social cognitive career theory variables related to agricultural careers*. Poster presented at the 56th Annual North American Colleges and Teachers of Agriculture Conference, State College, PA.
54. Esters, L.T., & Knobloch, N.A. (2010). *Attracting underrepresented minorities through contextual learning experiences*. Poster presented at the 56th Annual North American Colleges and Teachers of Agriculture Conference, State College, PA.

55. Knobloch, N.A., & Esters, L.T. (2010). *Life Science Signature Area (LSESA): An interdisciplinary approach to the contextual application of STEM learning*. Poster presented at the 56th Annual North American Colleges and Teachers of Agriculture Conference, State College, PA.
56. Ortega, R., Knobloch, N.A., & Esters, L.T. (2010). *Increasing urban youths' science interests and science career intentions through a pre-college agricultural discovery camp*. Poster presented at the APLU Academic Programs Summit - Creating Change: Building Human Capacity for a Sustainable Future, State College, PA.
57. Esters, L.T., Knobloch, N.A., & Ortega, R. (2010). *Human capacity development in science, technology, engineering, agriculture, and math (STEAM) disciplines through pre-college science workshops for rural high school students*. Poster presented at the APLU Academic Programs Summit - Creating Change: Building Human Capacity for a Sustainable Future, State College, PA.
58. Knobloch, N., Esters, L.T., McGowan, O.S., & McGowan, B.W. (2010). *Developing human capacity through learner-centered teaching approaches at historically Black colleges and universities*. Poster presented at the APLU Academic Programs Summit - Creating Change: Building Human Capacity for a Sustainable Future, State College, PA.
59. Esters, L.T., & Knobloch, N. (2010). *Attracting underrepresented minorities through contextual learning experiences*. Poster presented at the 1st Annual Gender and Science, Technology, Engineering and Mathematics (STEM) Research Symposium, West Lafayette, IN.
60. Knobloch, N.A., & Esters, L.T. (2010). *Life science signature area (LSESA): An interdisciplinary approach to the contextual application of STEM learning*. Poster presented at the 1st Annual Gender and Science, Technology, Engineering and Mathematics (STEM) Research Symposium, West Lafayette, IN.
61. Esters, L.T. (2009). *An exploratory study of students' oral presentation self-efficacy*. Poster presented at the 8th Annual North Central Agricultural Education Research Conference, Lincoln, NE.
62. Esters, L.T. (2009). *Development of an instrument to measure the agriscience education self-efficacy of middle school students*. Poster presented at the 8th Annual North Central Agricultural Education Research Conference, Lincoln, NE.
63. Glenn*, M., & Esters, L.T., Retallick, M.S. (2009). *Development of a seven-function mentoring framework for use with minority summer research opportunity program participants*. Poster presented at the 8th Annual North Central Agricultural Education Research Conference, Lincoln, NE.
64. Glenn*, M., & Esters, L.T., Retallick, M.S. (2009). *Mentoring perceptions and experiences of minority summer research opportunity program participants*. Poster presented at the 8th Annual North Central Agricultural Education Research Conference, Lincoln, NE.

65. Esters, L.T. (2009). *An exploratory study of students' oral presentation self-efficacy*. Poster presented at the 43rd Annual Meeting of the Association for Career and Technical Education, Nashville, TN.
66. Esters, L.T. (2009). *Development of an instrument to measure the agriscience education self-efficacy of middle school students*. Poster presented at the 43rd Annual Meeting of the Association for Career and Technical Education, Nashville, TN.
67. Glenn*, M., & Esters, L.T. (2009). *A mentoring model for use with minority students in summer research opportunity programs*. Poster presented at the 34th Annual Association for Agricultural Education Research Conference, Louisville, KY.
68. Esters, L.T. (2008). *Enhancing the career development experiences of undergraduate students through the integration of the national career development guidelines (NCDG) into a career course*. Poster presented at the Miller Faculty Fellow Luncheon, Ames, IA.
69. Esters, L.T. (2008). *Agriscience education self-efficacy of New Zealand high school students*. Poster presented at the 2008 International Counseling Psychology Conference, Chicago, IL.
70. Esters, L.T. (2008). *Social cognitive predictors of middle school students' agriculture career interests and goal intentions*. Poster presented at the American Educational Research Association Annual Meeting, Chicago, IL.
71. Esters, L.T. (2008). *Enhancing the career development experiences of undergraduate students through the integration of the national career development guidelines (NCDG) into a career course*. Poster presented at the 33rd Annual Association for Agricultural Education Research Conference, Reno, NV.
72. Esters, L.T., Retallick, M.S., & Steiner, CR. (2008). *Effect of an agriculturally-based experiential learning and work experience program on vocational identity, career decision-making self-efficacy, and career maturity*. Poster presented at the 33rd Annual Association for Agricultural Education Research Conference, Reno, NV.
73. Esters, L.T., & Knobloch, N. (2007). *Rural Korean students' level of interest and intentions to pursue careers in agriculture*. Poster presented at the 41st Annual Meeting of the Association for Career and Technical Education, Las Vegas, NV.
74. Esters, L.T. (2007). *Enhancing the career development experiences of undergraduate students through the integration of the national career development guidelines (NCDG) into a career course*. Poster presented at the 6th Annual North Central Agricultural Education Research Conference, Columbia, MO.
75. Esters, L.T., Retallick, M.S., & Steiner, CR. (2007). *Effect of an agriculturally-based experiential learning and work experience program on vocational identity, career decision-making self-efficacy, and career maturity*. Poster presented at the 6th Annual North Central Agricultural Education Research Conference, Columbia, MO.

76. Esters, L.T., & Knobloch, N.A. (2007). *Rural Korean students' level of interest and intentions to pursue careers in agriculture*. Poster presented at the 32nd Annual Association for Agricultural Education Research Conference, Minneapolis, MN.
77. Esters, L.T. (2007). *Predicting the agriculture career interests and choice intentions of urban agricultural education students: A social cognitive perspective*. Poster presented at the Society of Vocational Psychology 8th Biennial Conference, Akron, OH.
78. Esters, L.T. (2006). *Predicting agriculture career interests of urban agricultural education students: A social cognitive perspective*. Poster presented at the 4th Annual North Central Agricultural Education Research Conference, Ames, IA.
79. Esters, L.T. (2006). *Relation of career exploratory beliefs to career certainty of undergraduate agriculture students*. Poster presented at the 52nd Annual North American Colleges and Teachers of Agriculture Conference, Vancouver, Canada.
80. Esters, L.T. (2006). *Influence of career exploration process behaviors on agriculture students' level of career certainty*. Poster presented at the 31st Annual National Agricultural Education Research Conference, Charlotte, NC.

H. RESEARCH BRIEFS AND REPORTS

1. Esters, L.T., Brown, Z., & Williams, J.L. (in preparation). Research Brief: *Strategies for developing effective and collaborative partnerships for Historically Black colleges and universities*. Philadelphia, PA: Penn Center for Minority Serving Institutions.
2. Esters, L.T., & Brown, Z. (in preparation). Research Brief: *Cultivating effective leadership teams for Historically Black colleges and universities*. Philadelphia, PA: Penn Center for Minority Serving Institutions.
3. Allen*, B.C.M., & Esters, L.T. (2018). Research Brief: *Historically Black land-grant universities: Overcoming barriers and achieving success*. Philadelphia, PA: Penn Center for Minority Serving Institutions.
4. Esters, L.T. (2017). Research Brief: *Support mechanisms that facilitate Black graduate student success and degree completion*, Philadelphia, PA: Penn Center for Minority Serving Institutions.
5. Esters, L.T., Washington, A., Gasman, M., O'Neal, B., Commodore, F., Freeman, S., & Carter, C. (2016). *Effective leadership a toolkit for the 21st-century historically Black college and university president*. Philadelphia, PA: Penn Center for Minority Serving Institutions

I. EDUCATIONAL & CURRICULAR RESOURCES

1. Clark*, Q. M., Bostic, J. D., Esters, L.T., & Knobloch, N. A. (2018). *Making healthy food choices*, West Lafayette, IN: Purdue University.

2. Clark*, Q. M., Bostic, J. D., Esters, L.T., & Knobloch, N. A. (2019). *Harnessing renewable energy*, West Lafayette, IN: Purdue University.
3. Clark*, Q. M., Bostic, J. D., Esters, L.T., & Knobloch, N. A. (2019). *Farm to school program*, West Lafayette, IN: Purdue University.
4. Clark*, Q. M., Bostic, J. D., Esters, L.T., & Knobloch, N. A. (2019). *Partnering with pollinators*, West Lafayette, IN: Purdue University.
5. Vollmer*, D.L., Merzdorf, J.V., Esters, L.T., & Knobloch, N.A. (2018). *M@P-ing out your future resource guide*. West Lafayette, IN: Purdue University. **[Disseminated to over 1,500 students at Historically Black Land-Grant Universities (HBLGUs) since April 2018.]**

J. POPULAR PRESS ARTICLES

1. Esters, L., & Williams, J.L. (in press). Rethinking graduate program preparation through the development of professional dispositions. *Inside Higher Education*.
2. Hester*, U., & Esters, L. (2018). Changing the culture: university, faculty and graduate student responsibility to prioritize student mental health. *Diverse Issues in Higher Education*, <https://diverseeducation.com/article/131197/>
3. Clark*, Q., & Esters, L. (2018). Federally funded programs are not enough to diversify the stem workforce. *Diverse Issues in Higher Education*, <https://diverseeducation.com/article/120618/>
4. Clark*, Q., & Esters, L. (2018). Supporting the entry of older adult students into college classrooms. *Diverse Issues in Higher Education*, <http://diverseeducation.com/article/114494/>
5. Clark*, Q., & Esters, L. (2018). Online social media identity management. *Diverse Issues in Higher Education*, <http://diverseeducation.com/article/116882/>
6. Cropps*, T.A., & Esters, L.T. (2018). Sisters, other-mothers, and aunties: The importance of informal mentors for black women graduate students at predominantly White institutions. *Diverse Issues in Higher Education*, <http://diverseeducation.com/article/119653/>
7. Allen*, B.C.M., & Esters L.T. (2018). Uplifting HBCUs as models of student success. *Diverse Issues in Higher Education*, <http://diverseeducation.com/article/112990/>
8. Allen*, B.C.M., & Esters L.T. (2018). PWIs and HBCUs need to create partnerships and not competitors. *Diverse Issues in Higher Education*, <http://diverseeducation.com/article/118297/>
9. Clark*, Q., & Esters, L. (2016). A call for cultural congruity on PWI campuses. *Diverse Issues in Higher Education*, <http://diverseeducation.com/article/83281/>

10. Allen*, B.C.M., & Esters, L.T. (2016). Changing the political rhetoric surrounding HBCUs. *Diverse Issues in Higher Education*, <http://diverseeducation.com/article/81451/>
11. Esters, L.T., & Gasman, M. (November, 2015). Stepping up and speaking out as a crisis management strategy. *HBCU Lifestyle*, <http://hbculifestyle.com/student-enrollment-at-hbcus/>
12. Esters, L.T., & Gasman, M. (November, 2015). Creating a culture of advocacy for Black women at HBCUs. *HBCU Lifestyle*, <http://hbculifestyle.com/student-enrollment-at-hbcus/>
13. Esters, L.T., & Gasman, M. (September, 2015). HBCUs role in the social justice movement. *HBCU Lifestyle*, <http://hbculifestyle.com/student-enrollment-at-hbcus/>
14. Esters, L.T., & Gasman, M. (September, 2015). Setting the record straight regarding student enrollment at HBCUs. *HBCU Lifestyle*, <http://hbculifestyle.com/student-enrollment-at-hbcus/>

J. INVITED & KEYNOTE PRESENTATIONS & WORKSHOPS

1. Esters, L.T. (2019). *Developing and administering surveys*. Invited guest seminar for the Division of Student Affairs. University of Maryland Baltimore County, Baltimore, MD
2. Esters, L.T., & Williams, J.L. (2019). *How to develop effective mentoring networks and relationships*. Invited presentation for the Reseau Docteur Summer Mentorship Program Webinar Series, New York, NY.
3. Clark, Q.M., Bostic, J.D., Esters, L.T., & Knobloch, N.A. (2019). *Developing math modeling tasks using agricultural life sciences contexts*. Workshop presented at 69th Annual Conference of The Ohio Council of Teachers of Mathematics, Sandusky, OH.
4. McGowan, O., Lewis, P., Patterson-Harris, E., Sassin, J., Knobloch, N.A., Esters, L.T., & Huang, Y. (2019). *Embracing learner-centered teaching*. Invited presentation at University of Arkansas at Pine Bluff, Pine Bluff, AR.
5. Esters, L.T., Knobloch, N.A., & Huang, Y. (2019). *M@P-ing out your plans for graduate school success*. Professional development workshop at the University of Arkansas at Pine Bluff, Pine Bluff, AR.
6. Cropps*, T.A., & Esters, L.T. (in review). *Developing a mentoring philosophy for careers in academia*. Professional development workshop to be presented at the Southern Regional Education Board-Institute for Teaching and Mentoring, Atlanta, GA.
7. Esters, L.T., & Williams, J.L. (in review). *Professional dispositions that contribute to academic and non-academic career success*. Professional development workshop to be presented at the Southern Regional Education Board-Institute for Teaching and Mentoring, Atlanta, GA.

8. Esters, L.T. (2019). *Unstereotyped: Culture at historically Black colleges and universities*. Invited Twitter Chat panel member for the Penn Center for Minority Serving Institutions, Philadelphia, PA.
9. Esters, L.T. (2019). *How to develop, design and present a conference poster*. Invited Workshop at the AGSERS-Annual Graduate Student Education Research Symposium. Purdue University, West Lafayette, IN.
10. Esters, L.T. (2019). *Strategies to managing and mentoring graduate students*. Workshop presentation at the Faculty Advancement, Success and Tenure (FAST) session hosted by ADVANCE - Purdue, Purdue University, West Lafayette, IN.
11. Knobloch, N.A., & Esters, L.T. (2019). *Focusing and framing: The first step in writing successful grant proposals*. Teacher Professional Development Workshop. Vincent High School of Agricultural Sciences, Milwaukee, WI.
12. Esters, L.T. (2019). *Don't talk about it, be about it: integrating intentional, inclusive, and social justice-based mentoring practices for graduate students of color*. Invited presentation at Vanderbilt University for the Fisk Vanderbilt Masters-to-PhD Bridge Program, Nashville, TN.
13. Esters, L.T. (2019). *Mentorship matters: The role and importance of mentoring for student & faculty professional growth and development*. Invited student-faculty development workshop at Fisk University, Nashville, TN.
14. Esters, L.T. (2018). *Preparing for the transition to graduate school and beyond*. Invited guest seminar for Louis Stokes Alliances for Minority Participation (LSAMP) Program. University of Maryland Eastern Shore, Princess Anne, MD.
15. *Alexander, E., Brown, Z., Gunn, M., Hester, U., & Esters, L.T. (2018). *Partners in the environment (PIE) day*. Invited presentation at Cold Spring Environmental Magnet School, Indianapolis, IN.
16. Knobloch, N.A., Esters, L.T., Kornegay, R., & Huang, Y. (2018). *Inclusive and intentional mentoring to recruit and retain women and underrepresented minorities in agricultural stem graduate education*. Invited presentation at the 2018 National Conference on Learner-Centered Teaching, Tulsa, OK.
17. Hester*, U. H., & Esters, L.T. (2018). *Underrepresented minority youth engagement in STEM using community, careers, and culture*. College of Agriculture, PK-12 Engagement Workshop, Purdue University, West Lafayette, IN.
18. Esters, L.T., & Knobloch, N.A. (2018). *Creating a culturally-relevant student-centered learning environment*. Center for Instructional Excellence (CIE) Teaching Assistant Workshops, Purdue University, West Lafayette, IN.
19. Knobloch, N.A., & Esters, L.T. (2018). *Frameworks for learning*. Center for Instructional Excellence (CIE) Teaching Assistant Workshops, West Lafayette, IN.

20. Alexander*, E, Vollmer, D., Esters, L.T., & Knobloch, N.A. (2018). *STEM fair*. Invited presentation at Cold Spring Environmental Magnet School, Indianapolis, IN.
21. Alexander*, E., Kornegay, R., Nzaranyimana, T., & Esters, L.T. (2018). *Partners in the environment (PIE) day*. Invited presentation at Cold Spring Environmental Magnet School, Indianapolis, IN.
22. Knobloch, N. A., Esters, L. T., Rehmat, A. P., Clark, Q. M., Hester, U., Johnson, T. A., Vollmer, D., & Alexander, E. (2018). *Teacher professional development: Model-eliciting activities*. Cold Spring Elementary School, Indianapolis, IN.
23. Esters, L.T., & Kornegay, R. (2018). *M@P-ing your plans for graduate school and beyond*. Invited presentation at Florida A&M University, Tallahassee, FL.
24. Allen*, B.C.M., Cropps, T.A., & Esters, L.T. (2018). *The path to graduate school: What you need to do now to succeed later*. Professional development workshop at the Minorities in Agriculture, Natural Resources, and Related Sciences National Conference, Greensboro, NC.
25. Esters, L.T. (2018). *Strategies for cultivating and developing effective mentoring relationships*. Invited presentation at Enriching Learning, Enhancing Visibility, & Training Educators (ELEVATE) for the Penn Center for Minority Serving Institutions, University of Pennsylvania, Philadelphia, PA.
26. Allen*, B.C.M., Cropps, T.A., & Esters, L.T. (2018). *Enhancing graduate student success through mentoring: Facilitating the transition from minority-serving institutions to predominantly White institutions*. Invited presentation for the Mentoring@Purdue Summer Scholars Program, Purdue University, College of Agriculture; West Lafayette, IN.
27. Esters, L.T. (2018). *Support mechanisms that facilitate underrepresented minority graduate student success and degree completion at traditionally White institutions (TWIs)*. Invited presentation at the Sloan Conference on Recruiting and Mentoring Underrepresented Minority Graduate Students, Purdue University, West Lafayette, IN.
28. Allen*, B.C.M., Cropps, T.C., Esters, L.T., & Knobloch, N.A. (2018). *Enhancing graduate student success through mentoring: Facilitating the transition from MSI to PWIs*. Professional development workshop at the 33rd Annual MANRRS National Conference, Greensboro, NC.
29. Vollmer*, D., Clark, Q. M., Rehmat, A. P., Esters, L. T., Knobloch, N. A. (2018). *Model-eliciting activities (MEAs): Open-ended, client-driven problems to engage and challenge students in the classroom*. Professional development workshop at the Hoosier Association of Science Teachers (HASTI) Conference, Indianapolis, IN.
30. Mason, L.J., & Esters, L.T. (2018). *Managing and mentoring graduate students*. Workshop presentation at the Faculty Advancement, Success and Tenure (FAST) session hosted by ADVANCE - Purdue, Purdue University, West Lafayette, IN.

31. Esters, L.T. (2018). *Graduate students of color as agents of empowerment for faculty of color at PWIs*. Invited presentation at the Excellence in Student Affairs Conference. Rutgers University, New Brunswick, NJ.
32. Esters, L.T. (2018). *An empowerment proposition for student affairs professionals*. Invited presentation at the Excellence in Student Affairs Conference. Rutgers University, New Brunswick, NJ.
33. Esters, L.T., & Knobloch, N.A. (2017). *Developing an inclusive and intentional culture of mentoring to advance institutional diversity and equity*. Invited presentation for the Graduate School of Oregon State University, Corvallis, OR.
34. Kornegay*, R., Johnson, T., Huang, Y., Knobloch, N.A., & Esters, L.T. (2017). *A road M@P to your future: Pre-professional and pre-graduate experiences*. Professional development workshop at the Region V MANRRS Regional Conference, Purdue University, West Lafayette, IN.
35. Allen*, B.C.M., & Esters, L.T. (2017). *Graduate students of color as agents of empowerment for faculty of color at PWIs*. Workshop at the National Conference on Race and Ethnicity (NCORE) in American Higher Education, Fort Worth, TX.
36. Esters, L.T. (2017). *Strategies and considerations in developing, designing and presenting a conference poster*. Invited Workshop for AGSERS-Annual Graduate Student Education Research Symposium Participants, Purdue University, West Lafayette, IN.
37. Esters, L.T. (2017). *Nurturing and uplifting the identities of Black graduate students in the academy: Strategies toward enhanced empowerment*. Invited presentation at the 16th Annual BGSA Awards and Recognition Banquet, Purdue University, West Lafayette, IN.
38. Esters, L.T. (2017). *Strategies to develop an A+ graduate application packet*. Invited presentation at the BGSA Event Forum, Purdue University, West Lafayette, IN.
39. Esters, L.T. (2017). *Mentoring vs. advising: Similar in theory but not in practice*. Invited presentation at the BGSA Event Forum, Purdue University, West Lafayette, IN.
40. Esters, L.T. (2017). *How to develop & design well-organized conference posters*. Holmes Scholars Workshop, Purdue University, West Lafayette, IN.
41. Cropps*, T.A., & Esters, L.T. (2017). *Mentorship vs. advising*. Invited presentation at the GRAD101: A Graduate School Preparatory Workshop for the Black Graduate Student Association (BGSA), Purdue University, West Lafayette, IN.
42. Esters, L.T., Allen, B.C.M., Cropps, T.C., Clark, Q., Vollmer, D., & Martin, A. (2016). *Breaking barriers: Strategies to facilitate transition from an MSI to a PWI*. Invited Twitter Chat for the Penn Center for Minority Serving Institutions, Philadelphia, PA.

43. Mason, L.J., & Esters, L.T. (2016). *Managing and mentoring graduate students*. Workshop presentation at the Faculty Advancement, Success and Tenure (FAST) session hosted by ADVANCE-Purdue, Purdue University, West Lafayette, IN.
44. Esters, L.T. (2016). *Engaging African American youth in Ag+STEM programming using culture as context*. College of Agriculture, PK-12 Engagement Workshop. Purdue University, West Lafayette, IN.
45. Esters, L.T., & Knobloch, N.A. (2016). *Promising practices supportive of enhanced undergraduate student mentoring*. Polytechnic Faculty & Staff Learning Innovation Workshop. West Lafayette, IN.
46. Knobloch, N.A., Esters, L.T., Allen, B.C.M., Clark, Q.M., & Cropps, T.A. (2016). *Intentional mentoring practices to advance inclusion and diversity in the agricultural and life sciences*. Workshop at the North Central American Association of Agricultural Education Conference. Lafayette, IN.
47. Allen*, B.C.M., & Esters, L.T. (2016). *Graduate students of color as agents of empowerment for faculty of color at PWIs*. OIGP Social Justice Invited Lecture Seminar. Purdue University, West Lafayette, IN.
48. Esters, L.T. (2016). *Faculty reflections for graduating seniors at Purdue University*. Keynote presentation at the Purdue University African-American and African Diaspora Graduation Celebration, West Lafayette, IN.
49. Esters, L.T. (2016). *Enhancing graduate student success through intentionality, support and community*. Invited presentation at the AGEP & LSAMP Spring Awards Banquet, Purdue University, West Lafayette, IN.
50. Esters, L.T., & Brown, B.R. (2016). *Mentorship leading to mutual growth, development and career success*. Invited presentation at Enriching Learning, Enhancing Visibility, & Training Educators (ELEVATE) for the Penn Center for Minority Serving Institutions, University of Pennsylvania, Philadelphia, PA.
51. Allen*, B.C.M., Esters, L., Martin, A., Brown, B., Cropps, T., & Knobloch, N. (2016). *Enhancing graduate student success through mentoring: Facilitating the transition from MSI to PWI*. Workshop presented at the annual meeting of the Minorities in Agriculture, Natural Resources and Related Services Conference, Jacksonville, FL.
52. Schmidtke, C.M., Allen, J.M., & Esters, L.T. (2015). *A theory base for CTE: Do we have one? Do we need one? How should we teach one?* Professional development workshop at the 2015 Association for Career and Technical Education Research (ACTER) Conference, New Orleans, LA.
53. Esters, L.T. (2014). *Keys to succeeding in graduate school*. Invited presentation at the 2014 PROMISE Summer Success Institute (SSI), National Science Foundation's PROMISE:

Maryland's Alliance for Graduate Education and the Professoriate (AGEP) for the University System of Maryland, Baltimore, MD.

54. Esters, L.T. (2014). *Making the transition from graduate school to the professoriate*. Invited presentation at the 2014 PROMISE Summer Success Institute (SSI), National Science Foundation's PROMISE: Maryland's Alliance for Graduate Education and the Professoriate (AGEP) for the University System of Maryland, Baltimore, MD.
55. Esters, L.T., & Knobloch, N.A. (2014). *Enhancing the human capacity of urban agricultural education students using learner-centered teaching*. Invited faculty development workshop at North Carolina A&T State University, Greensboro, NC.
56. Esters, L.T., Knobloch, N.A., & Brown, B.R. (2014). *Addressing recruitment and retention using learner-centered teaching strategies*. Invited faculty workshop at Florida A&M University, Tallahassee, FL.
57. Esters, L.T. (2014). *Managing and mentoring graduate students*. Invited presentation at the Faculty Advancement, Success and Tenure (FAST) workshop, Purdue University, West Lafayette, IN.
58. Mason, L.J., & Esters, L.T. (2014). *Managing and mentoring graduate students*. Workshop presentation at the Faculty Advancement, Success and Tenure (FAST) session hosted by ADVANCE - Purdue, Purdue University, West Lafayette, IN.
59. Esters, L.T. (2013). *Making the mental and emotional switch from undergraduate to graduate school: Moving from novice learner to expert learner*. Invited presentation at the 2013 PROMISE Summer Success Institute (SSI), National Science Foundation's PROMISE: Maryland's Alliance for Graduate Education and the Professoriate (AGEP) for the University System of Maryland, Baltimore, MD.
60. Esters, L.T. (2012). *Enhancing stem diversity using core elements of the learner-centered teaching model*. Invited presentation at the 2012 National Conference on Learner-Centered Teaching, Tulsa, OK.
61. Esters, L.T. (2011). *How to create a research abstract*. Invited presentation for the Louis Stokes Alliance for Minority Participation (LSAMP) Program, Purdue University, West Lafayette, IN.
62. Esters, L.T. (2011). *Enhancing educator and student capacity through the advanced life science (ALS) program*. Invited presentation for the Department of Youth Development and Agricultural Education Dean's Visit Seminar, Purdue University, West Lafayette, IN.
63. Esters, L.T. (2011). *How to create a research abstract*. Invited presentation for the Louis Stokes Alliance for Minority Participation (LSAMP) Program, Purdue University, West Lafayette, IN.

64. Esters, L.T. (2010). *Building a base of support for agricultural science and business programs*. Invited presentation at the New and Beginning Ag Teacher Academy, Trafalgar, IN.
65. Esters, L.T. (2010). *Enhancing STEAM diversity through contextualized inquiry learning experiences*. Invited presentation at the National Conference on Learner-Centered Teaching, Tulsa, OK.
66. Esters, L.T. (2010). *Transforming agricultural education for a changing world*. Invited presentation for the College of Agriculture Scholarship in Teaching and Learning (SoTL) Seminar, Purdue University, West Lafayette, IN.
67. Esters, L.T. (2009). *Career education and career development in the middle schools*. Invited presentation at the National Association of Supervisors of Agricultural Education Annual Meeting, Indianapolis, IN.
68. Esters, L.T. (2009). *The role of work values in career decision-making*. Professional Development Workshop at the 24th Annual MANRRS National Conference, Indianapolis, IN.
69. Esters, L.T. (2009). *The role of self-efficacy and work values in career decision-making*. Invited presentation for Grandview College Leadership Learning Community, Des Moines, IA.
70. Esters, L.T. (2008). *Building presentations: A framework for preparing and giving presentations*. Professional Development Workshop at the 2008 NAAE/ACTE Convention, Charlotte, NC.
71. Esters, L.T. (2007). *Building effective presentations: An eight-step approach for developing presentation skills for you and your students*. Professional Development Workshop at the 2007 NAAE/ACTE Convention, Las Vegas, NV.
72. Esters, L.T. (2007). *Facilitating the career development process through career education*. Professional Development Workshop at the IAAE Professional Development Conference, Ames, IA.
73. Esters, L.T. (2007). *Elevating agricultural education to new levels of excellence*. Invited presentation at the Summit on Agricultural Education in Iowa, Des Moines, IA.
74. Esters, L.T. (2006). *The importance of developing a career plan*. Guest presentation at Waitaki Boys High School, Oamaru, New Zealand.
75. Esters, L.T. (2006). *Presenting scientific information*. Professional Development Seminar for the George Washington Carver Internship Program, Iowa State University, Ames, IA.
76. Esters, L.T. (2006). *Understanding the importance of recruiting at the high school level*. Invited lecture at the US Ag HR Roundtable, St. Louis, MO.
77. Esters, L.T. (2006). *Educational and career opportunities in the agricultural sciences*. Guest lecture at Forest City High School, Forest City, IA.

78. Esters, L.T. (2006). *Preparing the next generation of agriculturalists: Understanding the challenges and recognizing our opportunities*. Guest lecture at Forest City Rotary Club Ag Luncheon, Forest City, IA.
79. Esters, L.T. (2005). *Expectations of the academy*. Professional Development Workshop at the 20th Annual Minorities in Agriculture, Natural Resources, and Related Sciences National Conference, Pittsburgh, PA.
80. Esters, L.T. (2004). *Urban agricultural education: Directed toward the future*. Panel Moderator for the Urban Agricultural Education Forum, Las Vegas, NV.
81. Esters, L.T. (2004). *Choosing education and careers in agriculture*. Guest lecture at the Food and Agricultural Sciences Institute, The Pennsylvania State University, State College, PA.
82. Esters, L.T. (2004). *Presenting scientific information*. Professional Development Seminar for the George Washington Carver Internship Program, Iowa State University, Ames, IA.
83. Esters, L.T. (2004). *Career and professional preparation in agriculture*. Agricultural Business Club Meet the Professor Lecture, Iowa State University, Ames, IA.

K. DEPARTMENTAL AND COLLEGE-WIDE SEMINARS AND PRESENTATIONS

1. Esters, L.T. (2016). *Sabbatical reflections as a visiting professor at the Penn center for minority-serving institutions*. Brownbag presentation for the Department of Youth Development and Agricultural Education, Purdue University, West Lafayette, IN.
2. Esters, L.T. (2014). *Role of social cognitive career theory (SCCT) in the STEM career development of students attending historically Black land-grant colleges and universities (HBCUs)*. Invited presentation at the Department of Curriculum and Instruction DOC II Research Seminar, Purdue University, West Lafayette, IN.
3. *Brown, B., Esters, L., Knobloch, N., Morris, P., & Reed, W. (2014). *Successfully engaging with 1890 historically Black land-grant universities*, Mentoring @ Purdue Seminar, West Lafayette, IN.
4. Esters, L.T. (2012). *Enhancing stem diversity using core elements of the learner-centered teaching model*. Invited presentation at the Department of Curriculum and Instructions Career and Technical Education Research Seminar Series, Purdue University, West Lafayette, IN.
5. Keefe, L., Knobloch, N.A., L. Esters, & Graveel, J. (2011). *Exam performance of students enrolled in the advanced life science program*. Department of Youth Development and Agricultural Education, Purdue University, West Lafayette, IN.
6. Kwepelta, R., Knobloch, N.A., Esters, L., & Harris, D. (2011). *Career interests, goals, and perceptions of urban high school minority students upon completion of a precollege agricultural program*. Department of Youth Development and Agricultural Education, Purdue University, West Lafayette, IN.

7. Esters, L.T. (2010). *Building STEAM: Launching tomorrow's stem leaders using agricultural sciences as a context for learning*. Invited presentation at the Department of Curriculum and Instruction Career and Technical Education Research Seminar Series, Purdue University, West Lafayette, IN.
7. Whittaker, D., Esters, L., & Knobloch, N.A. (2010). *Transforming agricultural education for a changing world*. Seminar for Purdue University College of Agriculture, West Lafayette, IN.
8. Esters, L.T. (2009). *Introducing new STEAM Initiatives*. Invited presentation for the Department of Youth Development and Agricultural Education Dean's Visit Seminar, Purdue University, West Lafayette, IN.
9. Knobloch, N.A., & Esters, L. (2009). *New STEAM initiatives*. Presentation at the Department of Youth Development and Agricultural Education Update for Dean Akridge, West Lafayette, IN.
10. Esters, L.T., & Wynkoop, R.D. (2009). *A descriptive analysis of social cognitive career theory variables related to agricultural careers*. Department of Youth Development and Agricultural Education, Purdue University, West Lafayette, IN.
11. Esters, L.T. (2005). *Development of the agriscience education self-efficacy scale*. Department of Agricultural Education and Studies Seminar Series, Iowa State University, Ames, IA.

L. INTERDISCIPLINARY ACTIVITY

1. Knobloch, N. A., Esters, L. T., Karcher, E., Orvis, K., Pfeiffer, L., Tormoehlen, R., & Wang, H. H. (2013-2018). *Enhancing the P-20 STEM Pipeline through Life Science Education and Career Development*. USDA National Institute for Food and Agriculture Hatch Project (IND011778).
2. Knobloch, N. A., Brady, C., Carroll, N., Dotterer, A., Esters, L., Orvis, K., & Tormoehlen, R. *Enhancing STEAM Learning and Career Development through Life Science Education Contexts*. USDA Cooperative State Research, Education, and Extension Service Hatch Project, March 1, 2008 to September 30, 2013.

M. RESEARCH GRANTS AND AWARDS

1. Esters, L.T., Knobloch, N., Brown, Z., & Gasman, M. (in preparation). B.E.L.I.E.V.E. Fellows Program: **B**uilding **E**mpowered **L**eaders through **I**ntentional **m**Entoring for **I**nclusi**V**e **E**xcellence in Agricultural+Science, Technology, Engineering, and Math. Proposal to be submitted to the National Science Foundation (NSF) Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) Grants Program. \$ 3,463,274.

2. Esters, L.T., Knobloch, N.K., Young, D., & Allen, B.C.M. (2018). *Developing faculty leadership teams to implement inclusive and intentional mentoring programs at 1862 and 1890 land-grant institutions*. Proposal submitted to the National Institute of Food and Agriculture Higher Education Challenge Grants (HEC) Program. \$748,684.
3. Esters, L.T., & Knobloch. (2018). *Building Empowered Leader-Scholars through Intentional mEntoring for Inclusive Excellence in Food, Agriculture and Natural Resources (B.E.L.I.E.V.E)*. Proposal submitted to the National Institute of Food and Agriculture National Needs Graduate and Postgraduate Fellowship (NNF) Grants Program. \$79,500.
4. Esters, L.T., & Knobloch, N. (2018). *Creating pathways of success for Black graduate students in food, agriculture, natural resources, and human sciences (FANH) through the development of strategic partnerships with historically Black land-grant institutions*. Proposal submitted to the Purdue University College of Agriculture Diversity Transformation Collaboration Initiative. \$7,000.
5. Knobloch, N., Esters, L.T., & Fernandez, M. (2018). *Exploring faculty collaboration between Langston University and Purdue University*. Proposal submitted to Purdue University College of Agriculture Diversity Transformation Collaboration Initiative. \$7,000.
6. Guzey, S. Bryan, L. Menekse, M., & Clase, K. (2017). *LifeSTEM: Integration of engineering design and life science: investigating the influence of an intervention on student interest and motivation in STEM fields*. Proposal submitted to the National Science Foundation Discovery Research PreK-12 (DRK-12) Grants Program. \$1,838,015.
7. Cropps*, T.A., Esters, L.T., & Knobloch, N.A. (2017). *Mentoring@Purdue*. Dupont-Pioneer Foundation. \$10,000.
8. McGowan, O., Knobloch, N., & Esters, L.T. (2016). *Developing future faculty and leaders in agricultural sciences through culturally-responsive learner-centered teaching partnerships*. Proposal submitted to the National Institute of Food and Agriculture 1890 Institution Teaching, Research and Extension Capacity Building Grants (CBG) Program. \$200,000.
9. Esters, L.T., Diefes-Dux, H., Knobloch, N., & Brown, B. (2016). *Enhancing minority middle school student knowledge, literacy, and motivation in STEM using contextualized agricultural life science learning experiences*. Proposal submitted to the National Science Foundation (NSF) Innovative Technology Experiences for Students and Teachers (ITEST) Grants Program. \$1,043,985.
10. Esters, L.T., Knobloch, N, Brown, B.R., & Cropps, T. (2016). *Building a pipeline of women and underrepresented minority graduate students for stem careers in agricultural and life sciences at 1862 land-grant universities through partnerships with minority-serving institutions*. Proposal submitted to the National Institute of Food and Agriculture Secondary Education, Women and Minorities in Science, Technology, Engineering and Mathematics Fields Program (WAMS) Grants Program. \$92,538.

11. Brown*, B.R., Esters, L.T., & Knobloch, N.A. (2016). *Mentoring@Purdue*. Dupont-Pioneer Foundation. \$10,000.
12. Brown*, B.R., Esters, L.T., & Knobloch, N.A. (2016). *Mentoring@Purdue*. John Deere Foundation. \$3,750.
13. Brown*, B.R., Cropps, T.A., Esters, L.T., & Knobloch, N. A. (2015). *Mentoring@Purdue Summer Scholars Program*. John Deere Foundation. \$8,000.
14. Brown*, B.R., Esters, L.T., & Knobloch, N. A. (2015). *Mentoring@Purdue*. CHS Foundation. \$5,000.
15. Brown*, B.R., Esters, L.T., & Knobloch, N. A. (2015). *Mentoring@Purdue*. DuPont-Pioneer Foundation. \$5,000.
16. Brown, B.R., Bodden, K.R., Esters, L.T., & Knobloch, N. A. (2014). *Mentoring@Purdue summer scholars program*. John Deere Foundation. \$9,800.
17. Talbert, B.A., Esters, L.T., & Tormoehlen, R. (2014). *Creating a pipeline for agricultural education teachers in Indiana*. Proposal submitted to Indiana's Education Roundtable. \$173,250.
18. Esters, L.T., Martin, M., Neves, M.N., & Knobloch, N. (2014). *Development of secondary agricultural education programs in Brazil's southeastern region*. Proposal submitted to John Deere Corporate Citizenship Division. \$74,730.
19. Esters, L.T., & Knobloch, N. (2012). *Developing Human Capacity through Mentoring of Women and Underrepresented Minority Graduate Students for STEM Careers in Agricultural and Life Sciences*. Proposal submitted to the National Institute of Food and Agriculture Secondary Education, Women and Minorities in Science, Technology, Engineering, and Mathematics Fields Program (WAMS) Grants Program. \$150,000.
20. Knobloch, N., Hains, B., Balschweid, M., Ballard, T., Brady, C., Esters, L., Graveel, J., Latour, M., Liceaga, A., Orvis, K., Rossano, M., Unruh Snyder, L., Sylvia, W., & Zanis, M. (2010). *Enhancing Science Capacity in Introductory Animal, Plant, and Food Sciences Courses*. USDA NIFA Higher Education Challenge Grant. \$932,148.
21. Liceaga, A., Ballard, T., & Esters, L.T. (2010). *Increasing content knowledge of high school educators through a distance education course*. Proposal submitted to the National Institute of Food and Agriculture Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge (SPECAs) Grants Program. \$34,519.
22. Woodson, W., Weaver, G., McCann, M., Moon, S., Adedokun, O., Esters, L., Hill, J., Riggs, E., Walker, W. (2010). *A sustainable energy concepts professional development model for rural schools and its extension to a systemic approach for integrating STEM research and education*. Proposal submitted to the National Science Foundation Innovations through Institutional Integration (I³) Grants Program. \$1,250,000.

23. Esters, L.T. (2010). National Agriscience Integration Institute Mini-Grant. Award received from the National Agriscience Integration Institute of the National FFA Organization. \$500.
24. McGowan, O., McGowan, B., Knobloch, N., & Esters, L.T. (2007). *A collaborative land-grant model for integrating multidisciplinary learner-centered instruction in 1890 food and agricultural science classrooms*. United States Department of Agriculture 1890 Institution Teaching and Research Capacity Building Grants Program. Iowa State University. \$40,000.
25. Esters, L.T. (2007). *Enhancing the career development experiences of undergraduate students: Integration of the national career development guidelines into a career course*. Proposal submitted to the Iowa State University Center for Excellence in Learning (CELT) and Teaching Miller Faculty Fellowships Program. \$20,016.
26. Esters, L.T. (2005). *Expanding quality asynchronous distance education offerings in the college of agriculture*. Proposal submitted to the Iowa State University College of Agriculture Grants for Distance Education Program. \$9,000.
27. Crawford, H., Curbelo, A., Lewis, K.D., Jones, L., & Esters, L.T. (2004). *Latino-integrated agriculture pilot leadership program*. Proposal submitted to the U.S.D.A. Secondary and Two-Year Postsecondary Agricultural Education Challenge Grants Program. \$49,993.

N. ENGAGEMENT AND OUTREACH ACTIVITIES

Professional Level (National & Regional)

- Grant Panel Reviewer, U.S.D.A. National Institute of Food & Agriculture (NIFA), 1890 Capacity Building Grants Program, 2018
- Grant Panel Reviewer, U.S.D.A. National Institute of Food & Agriculture (NIFA), Alaska Native-Serving and Native Hawaiian-Serving Education Grants Program, 2018
- Grant Panel Reviewer, U.S.D.A. National Institute of Food & Agriculture (NIFA), Insular Areas Education Grants Program, 2017-2018
- Mentor, National Science Foundation's Innovative Technology Experiences for Students and Teachers (ITEST)/STEM Learning and Research (STELAR) Center Proposal Development Program, 2018
- Mentor-in-Residence, Enriching Learning, Enhancing Visibility, & Training Educators (ELEVATE), Penn Center for Minority Serving Institutions, University of Pennsylvania, Philadelphia, PA, 2016, 2018
- Member, Roundtable on Systemic Change in Undergraduate STEM Education, The Board on Science Education of the National Academies of Sciences, Engineering, and Medicine, 2017-2022
- Grant Panel Reviewer, NSF Improving Undergraduate STEM Education Program, 2018, 2019
- Member, Editorial Board, *Leadership in Education* (a specialty of *Frontiers in Education*), 2018-2021
- Member, Editorial Board, *NACTA Journal*, 2013-2015; 2018-2021
- Invited Participant, Participatory Workshop on Effective Mentoring in STEMM: Practice, Research, and Future Directions, The Board on Science Education of the National Academies of Sciences, Engineering, and Medicine, 2017

- Paper Reviewer, Diversity, Equity and Inclusion: Best Practices for the National Sea Grant Network, National Sea Grant College Program, 2017
- External Dissertation Committee Member, University of Southern Queensland, Australia
- Advisory Board Member, Florida A&M University, College of Agriculture and Food Sciences, Agribusiness Program, 2017-2020
- Panel Member, PROMISE Summer Success Institute (SSI), National Science Foundation's PROMISE: Maryland's Alliance for Graduate Education and the Professoriate (AGEP) for the University System of Maryland, Baltimore, MD, 2015-2017
- Grant Panel Reviewer, U.S.D.A. National Institute of Food & Agriculture (NIFA), Women and Minorities in STEM (WAMS) Fields Grants Program, 2010-2011, 2017
- Grant Panel Reviewer, NSF Graduate Research Fellowship program, 2013, 2016, 2017
- Invited Panel Participant, *Environments of Success*. Google Chat event sponsored by the Penn Center for Minority Serving Institutions, 2015
- Member, Educational Testing Service (ETS), Praxis Agriculture Test Review Committee, 2015-2016
- Chair, APLU Commission on Access, Diversity and Excellence (CADE) Information and Dissemination Taskforce, 2014-2015
- Grant Panel Reviewer, U.S.D.A. National Institute of Food & Agriculture (NIFA), Hispanic-Serving Institutions (HSI) Grants Program, 2014
- Grant Panel Reviewer, U.S.D.A. National Institute of Food & Agriculture (NIFA), Higher Education Challenge Grants Program, 2014
- Co-Chair, North Central Association for Agricultural Education Research Committee, 2013-2015
- Panel Member, Indiana CORE Assessments for Educator Licensure Standard Setting Review, 2013
- Grant Panel Reviewer, NSF Advancing Informal STEM Learning (AISL) Program, 2013
- Work Group Member, Agriculture Forestry and Natural Resources (AFNR), *USDE Secondary School Course Code Classification System: School Codes for the Exchange of Data* (SCED) Process, 2012
- Invited Participant, 9th Annual NSF Innovative Technology Experiences for Students and Teachers (ITEST) Program Summit, 2012
- Grant Panel Reviewer, U.S.D.A. National Institute of Food & Agriculture (NIFA), Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants Program, 2012
- Business Advisory Board Member, Beech Grove High School Applied Life Sciences Program, 2012-2016
- Group Facilitator, FFA in the City: An Urban Agricultural Education Forum, 2012
- Board Member, KIPP-Indianapolis Board of Directors, 2011-2014
- Member, Educational Testing Service (ETS), Praxis Agriculture National Advisory Committee, 2011-2014
- Invited Participant, NSF-ITEST Convening: Addressing Research on Youth Motivation in STEM, 2011
- Business Advisory Board Member, Chicago High School for Agricultural Sciences, 2005-present
- Member, Editorial Board, *Career and Technical Education Research Journal*, 2005-2007; 2011-2013
- Member, State of Indiana, Agricultural Education Specialist Interview Team, 2011

- Member, State of Indiana College and Career Pathways Agriculture Work Group, 2010
- Member, Editorial Review Board, *Journal of Agricultural Education*, 2010-2012
- Member, Chicago High School for Agricultural Sciences (CHSAS) Business Advisory Committee, 2010-present
- Member, Agricultural and Environmental Sciences STAR Academy Advisory Board, 2010-2015
- Member, Editorial Managing Board, *Journal of Agricultural Education*, 2007-2009
- Iowa State University, Department of Agricultural Education & Studies Representative, South Central District Agriculture Teachers Conference, Indianola, IA, 2007
- Member, AgCareers.com U.S. Ag HR Roundtable Organizing Committee, 2007
- Member, National Research Council's Board on Agriculture and Natural Resources, Committee on Undergraduate Education in Agriculture, 2006-2008
- Co-Chair, *Career and Technical Education Research* Editorial Board, 2005-2007
- Co-Chair, North Central Association for Agricultural Education Research Committee, 2005-2007; 2011-2013
- Chair, North Central Association for Agricultural Education Research Committee, 2007
- Member, American Association for Agricultural Education National Research Committee, 2005-2007
- Member, National Council on Agricultural Education 10x15 Initiative #5 Task Force on Agriculture Educator Recruitment, 2007-2008
- Member, Forum on Urban Agricultural Education Planning Committee, 2004

University Level

- Reviewer, Graduate Fellowships Program, Graduate School, Purdue University, 2019
- Panel Reviewer, Most Outstanding Interdisciplinary Project Award, Graduate School, Office of Interdisciplinary Graduate Programs, Purdue University, 2018
- Member, Office of Interdisciplinary Graduate Programs (OIGP) Inclusive Excellence Interdisciplinary Graduate Program Taskforce, 2017-2019
- Member, University Senate Special Committee on the Kaplan Entity, 2017-2018
- Member, Academic Rigor Committee, 2016-2018
- Member, Academic Excellence Committee, 2016-2017
- Chair, University Senate, Faculty Affairs Committee (FAC), 2014-2017
- Member, Faculty Senate Advisory Committee, 2014-2017
- Member, University Senate, 2011-2014; 2014-2017
- Member, University Senate, Faculty Affairs Committee (FAC), 2011-2014; 2014-2017
- Member, Purdue University-Northwest, Chancellor Search Committee, 2015
- Member, Provost Search Committee, Purdue University, 2014
- Member, ADVANCE - Purdue Steering Committee, 2014-2017
- Panel Member, ADVANCE - Purdue Women of Color Faculty in STEM Conference, 2013
- Faculty Advisory Member, Foundations of Excellence (FoE) Implementation Team, 2012-2014
- Panel Member, Purdue Conference for Pre-Tenure Women, 2012
- Panel Member, New Faculty Orientation, 2012
- Member, Department of Educational Studies Faculty Search Committee, 2012
- Teacher Education Council (TEC), 2010-2013
- Member, Provost/Executive Vice-President Search Committee, Iowa State University, 2006
- Member, Teacher Education Program Committee, Iowa State University, 2004-2009

College Level

- Member, College of Agriculture Graduate Council, 2017-present
- Panel Reviewer, College of Agriculture, AgSEED Internal Grant Competition, 2017
- Co-Coordinator, College of Agriculture, Allies & Advocates Women in STEM Faculty Mentoring Program, 2013-2014
- Diversity Action Team in Agriculture (DATA) Committee, Purdue University, College of Agriculture, 2009-12
- Mentor, Discovery Undergraduate Research Interns (DURI), 2009-2010
- Leadership Development Certificate Program Coach (LDCP), 2009-2014
- Participant, Iowa State University Visiting Professor Program, 2004-2006
- Chair, Iowa State University Teacher Education Program Admissions Sub-Committee, College of Human Sciences, 2006-2009

Departmental Level

- Member, Department of Educational Studies Faculty Search Committee, 2019
- Member, Safety Committee, 2017-2019
- Chair, YDAE Graduate Program Committee, 2017-2019
- Member, YDAE Graduate Program Committee, 2013-2017
- Member, YDAE Department Head Search Committee, 2014-2015
- Member, Integrated STEM Cluster Hire Search Committee, 2013-2015
- Coordinator, Advanced Life Sciences (ALS) Program, 2010-2014
- Chair, Departmental Relations Committee, Iowa State University, Department of Agricultural Education and Studies, 2006
- Member, Recruitment Committee, Iowa State University, Department of Agricultural Education and Studies, 2004-2009
- Coordinator of Agriculture Teacher Education, Iowa State University, Department of Agricultural Education and Studies, 2004-2009

O. OTHER PROFESSIONAL ACTIVITIES

Manuscript Reviewer

- Manuscript Reviewer, *International Journal of Mentoring and Coaching in Education*, 2018-present
- Manuscript Reviewer, Special Issue of *The Journal of Culture and Education*, 2018
- Reviewer of proposals for the North Central American Association of Agricultural Education Research Conference (NC-AAAE), 2017-2018
- Reviewer of proposals for the American Association of Agricultural Education Research Conference, 2016-2018
- Reviewer, *Career and Technical Education Research Journal*, 2018
- Reviewer, *Journal of Agricultural Education*, 2004-present
- Reviewer, *Journal of Career Development*, 2006-present

- Reviewer, *Journal of Vocational Behavior*, 2016-present
- Reviewer, *NACTA Journal*, 2006-present
- Reviewer of proposals for the Association for International and Agricultural and Extension Education Annual Conference, 2015
- Reviewer of proposals for the 2nd Annual Gender in STEM Research Symposium, 2011
- Reviewer, National Research Center for Career and Technical Education (NRCcte) Proposals, 2010
- Reviewer, *Middle Grades Research Journal*, 2008-2010
- Reviewer, Outstanding Journal Article Award of the *Journal of Agricultural Education*, 2006
- Reviewer, Outstanding Paper Award of the American Education Research Association (AERA) SIG for Career & Technical Education, 2006
- Reviewer, American Education Research Association (AERA) SIG for Career & Technical Education, 2005
- Reviewer of proposals for the Western Agricultural Education Research Conference, 2005-2006; 2010
- Reviewer of proposals for the Career and Technical Education Research Conference, 2005, 2010
- Reviewer of proposals for the National Agricultural Education Research Conference, 2004-2008; 2010
- Reviewer of proposals for the Southern Agricultural Education Research Conference, 2004-2006

Editorships

- Barnett, M., Patchen, A., Esters, L. T., & Knobloch, N. A. (in press). (Eds.). *Research and best practices of urban agriculture and STEM learning*. New York: Springer.
- Theme Editor, *The Agricultural Education Magazine*, 2006, 78(5).
- Associate Editor, *Journal of Agricultural Education*, 2000-2003.

Conference Chair and Discussant

- Conference Co-Chair, North Central American Association for Agricultural Education Research Conference, 2016
- Research Conference Chair, North Central American Association for Agricultural Education Research Conference, 2013
- Research Conference Co-Chair, Association for Career and Technical Education Research and Professional Development Conference, Las Vegas, NV, 2010
- Session Chair, Research Presentation Concurrent Session at the American Association for Agricultural Education Research Conference, 2006
- Session Chair, Research Presentation Concurrent Session at the Career and Technical Education Research Conference, 2006
- Discussant, Research Presentation Concurrent Session at the North Central Association for Agricultural Education Research Conference, 2006
- Session Chair, Research Presentation Concurrent Session at the North Central Association for Agricultural Education Research Conference, 2005
- Discussant, Research Presentation Concurrent Session at the Career and Technical Education Research Conference, 2005

- Session Chair, Research Presentation Concurrent Session at the American Association for Agricultural Education Research Conference, 2003; 2005

P. PROFESSIONAL DEVELOPMENT

1. STEM Learning and Research Center (STELAR) NSF-ITEST PI & Evaluator Summit. (2017). National Science Foundation, Arlington, VA.
2. MSI Aspiring Leaders Program. (2017). Penn Center for Minority Serving Institutions (CMSI), University of Pennsylvania, Philadelphia, PA.
3. Mentoring and Supporting New Faculty Members Professional Development Program. (2016). Purdue University, West Lafayette, IN.
4. Cornell Faculty Leadership & Professional Development Program. (2015). Cornell University, Ithaca, NY.
5. Educational Testing Service. (2011). Praxis Agriculture National Advisory Committee, Princeton, NJ (20 Professional Development Hours).
6. Grantwriters' Workshop. (2009). College of Consumer and Family Sciences, Grantwriters' Workshops, LLC., West Lafayette, IN.
7. Purdue University's Teaching Academy Faculty Mentoring Network. (2009-2010).
8. Purdue University Mentoring Institute (2009-2010).
9. Purdue University, College Teaching Workshop Series (2009-2011).
10. Career Development Facilitator Training. (2007). The Center on Education and Work, University of Wisconsin-Madison, Madison, WI.
11. Introduction to Amos: Structural Equation Modeling. (2006). SPSS Training and Education Services Workshop, Chicago, IL.
12. Newly Revised Strong Interest Inventory[®] Tool for Career Assessment Workshop. (2006). Consulting Psychologists Press (CPP), Ames, IA.
13. Grantwriter's Workshop. (2005). Grantwriters' Seminars and Workshops, LLC., Ames, IA.
14. ISU College of Agriculture Curriculum Committee International Retreat, EARTH University, San José, Costa Rica.
15. Grantwriters' Workshop. (2004). Persuade and Publish, LLC., Ames, IA.

Q. FEATURED BROADCAST AND PRINT INTERVIEWS

Podcast Interviews

1. Esters, L.T. (December, 2019). Podcast interview. *Podcast Summary: Dr. Esters' approach to mentoring has led to the creation of a very successful program. The nationally recognized and award winning Mentoring at Purdue, or M@P program plays a significant role in cultivating an environment where students can be their whole selves. Beyond the bench: STEMulating career conversations, <http://traffic.libsyn.com/stemulatingconvo/Episode67LevonEsters.mp3?dest-id=651308>*

Radio Programs

2. DTN On-Air, April 12, 2005. Radio interview on urban agricultural education research; career opportunities in agriculture; and trends in agriculture teacher recruitment.

Newspaper Interviews/Popular Press Article Interviews/University Press Releases

1. Engaging underrepresented students in STEM. (2017). *Envision Magazine*. Purdue University, College of Agriculture.
2. STEM the tide. (Fall 2010). *Agricultures Magazine*, p. 6-11.
3. Esters encourages exploration. (Spring 2008). *STORIES in Agriculture and Life Sciences*, p. 3.
4. Help students polish their speaking, presentation skills. (July 2008). *The Career and Technical Education Advisor: 4(5)*, 4.
5. New FFA center aims to generate more Ag teachers. (September 2006). *Des Moines Register*.
6. ISU Iowa state professor named to national committee to promote Ag and science. (March 2006). *ISU News*.
7. Ag day speaker: Agriculture is much more than ‘cows, sows, plows.’ (March 2006). *Forest City Summit*.
8. Not farm-raised: Workers from cities sought to fill non-traditional Ag jobs. (November 2005). *The Gazette*.
9. Promoting careers in agriculture. (August 2005). *Inside Iowa State*.
10. 21st century farmer: Iowa State professor pushes agriculture as career option. (May 2005). *Chicago Defender*.
11. College of agriculture attracts mix of students: Ag’s changing image appeals to people of different interests. (April 2005). *ISU Daily*.
12. City kids take to studying agriculture in high school. (January 2005). *The Associated Press*.
13. Diversity in demand in college of Ag. (September 2004). *ISU Daily*.

R. FACULTY DEVELOPMENT AWARDS

1. Faculty Development Award. (2010). Award received from the Purdue University College of Education Jr. Faculty Development Award Program. \$350.
2. Faculty Development Award. (2004). Award received from the Purdue University College of Education Faculty Development Award Program. \$200.