

M. SUSIE WHITTINGTON

Curriculum Vitae - Abridged

Doctor of Philosophy, 1991

The Ohio State University, Columbus, Ohio

Field of Study: Agricultural Education

Specialty: Teacher Education, Agricultural Communication, Research & Statistics

PROFESSIONAL EXPERIENCE

Director, Second-year Transformational Experience Program, 2017 to present

The Ohio State University, Columbus

3-year contract; 60% Provost's office, 40% ACEL

Professor of Agricultural Communication, Education & Leadership, 2012 to present

Department of Agricultural Communication, Education, and Leadership

Professor of Human and Community Resource Development, 2011 to 2012

Department of Human and Community Resource Development

Associate Professor of Human and Community Resource Development, 2000 to 2011

Department of Human and Community Resource Development

The Ohio State University, Columbus

12-month contract; 25% research, 75% teaching

FORMAL COURSES TAUGHT (25 DIFFERENT COURSES DEVELOPED AND/OR TAUGHT)

- Professor, COMLDR 3535, Toward Cultural Proficiency (University General Education Requirement)
- Professor, AEE 7300 (online), Advanced Teaching Methods

REFEREED JOURNAL PUBLICATIONS (SELECTED LIST RELATED TO TEACHING: SINCE

2000, $N=34$) * denotes graduate students mentored

Whittington, M. S., & Newcomb, L. H. (1990). Teaching at higher levels of cognition. North American Colleges and Teachers of Agriculture Journal, 34(2), 20-23.

Whittington, M. S., & Newcomb, L. H. (1992). Raising cognitive levels of college classroom instruction. North American Colleges and Teachers of Agriculture Journal, 35(2), 8-11. Honorable Mention, **E. B. Knight Outstanding Journal Article**.

Whittington, M. S., & Newcomb, L. H. (1993). Aspired cognitive level of instruction, assessed cognitive level of instruction and attitude toward teaching at higher cognitive levels. Journal of Agricultural Education, 34(2), 55-62.

Bowman, G. L. T.*, & Whittington, M. S. (1994). Comparison of teaching among professors assessed as implementing higher levels of cognition in their classroom discourse. North American Colleges and Teachers of Agriculture Journal, 38(4), 11-14.

Whittington, M. S., & Raven, M. R. (1995). Learning and teaching styles of student teachers in the northwest. Journal of Agricultural Education, 36(4), 10-17.

Whittington, M. S. (1995). Higher order thinking opportunities provided by professors in college of agriculture classrooms. Journal of Agricultural Education, 36(4), 32-38. **Author of the Year Award**.

- Whittington, M. S., & Raven, M. R. (1995). Learning styles: An assessment--an application. North American Colleges and Teachers of Agriculture Journal, 39(3), 6-9.
- Raven, M. R., Whittington, M. S. & Day, T. (1997). Learning style differences among NACTA conference participants. North American Colleges and Teachers of Agriculture Journal, 41(1), 20-24.
- Whittington, M. S. (1997, selected to reprint). Classroom behaviors: What lessons can professors learn? North American Colleges and Teachers of Agriculture Journal, 41(1), 37-42. **E. B. Knight Outstanding Journal Article.**
- Whittington, M. S., McCormick, D.F.*, & Kalariya, R. (1997). Examining the academic challenges provided by college of agriculture professors. North American Colleges and Teachers of Agriculture Journal, 41(4), 41-44.
- Whittington, M. S., Stup, R., Bish, L. A., & Allen, E. (1997). Assessment of cognitive discourse: A study of thinking opportunities provided by professors. Journal of Agricultural Education, 38(1), 46-53.
- Whittington, M. S. (1998). Improving the cognitive level of college teaching: A successful faculty intervention. Journal of Agricultural Education, 39(3), 31-40. **Author of the Year Award.**
- Whittington, M. S. (1999). Increasing opportunities for students to think in college classrooms: A faculty intercession program. North American Colleges and Teachers of Agriculture Journal, 43(2), 28-32. **Jack Everly Outstanding Journal Article.**
- McCormick, D. F.*, & Whittington, M. S. (2000). Assessing academic challenges for their contribution to cognitive development. Journal of Agricultural Education, 41(3), 114-122.
- Lopez, J.*, & Whittington, M. S. (2000). Cognitive level of professors' classroom discourse compared to cognitive levels reached by students during class. Journal of Agricultural Education, 41(4), 33-39.
- Whittington, M. S., & Turgeon, A. J. (2000). Web-based instruction: Students' perceptions of marketing and delivery. Journal of Asynchronous Learning.
- Lopez, J.*, & Whittington, M. S. (2001). Higher-order thinking in a college course: A case study. North American Colleges and Teachers of Agriculture Journal, 45(4) 22-29. **E.B. Knight Outstanding Journal Article.**
- Knobloch, N. A.*, & Whittington, M. S. (2002). Novice teachers' perceptions of support, teacher preparation quality, and student teaching experience related to teacher efficacy. Journal of Vocational Education Research, 27(3), 331-341.
- Hess, J., & Whittington, M. S. (2003, selected to reprint). Developing an effective course syllabus. North American Colleges and Teachers of Agriculture Journal, 47(3):23-27.
- Knobloch, N. A.*, & Whittington, M. S. (2003). The influence of the initial ten weeks of the school year on novice teacher efficacy in agricultural education. North American Colleges and Teachers of Agriculture Journal, 47(4), 16-21.
- Knobloch, N. A.*, & Whittington, M. S. (2003). Differences in teacher efficacy related to career commitment of novice agriculture teachers. Journal of Career and Technical Education, 20(1), 87-98.
- Whittington, M. S. (2005). Using standards to reform teacher preparation in career and technical education: A successful reformation. Career and Technical Education Research, 30(2), 89-99.
- Whittington, M. S., McConnell, E. A., & Knobloch, N. A.* (2006). Teacher efficacy of novice teachers in agricultural education in Ohio at the end of the school year. Journal of Agricultural Education, 47(4), 26-38.

- Whittington, M. S., & Cano, J. M. (2007). Advising the undergraduate student organization: This worked for us! North American Colleges and Teachers of Agriculture Journal, 51(4), 8-11.
- Ewing, J. C.*, & Whittington, M. S. (2007). Types and cognitive levels of questions asked by professors during college of agriculture class sessions. Journal of Agricultural Education, 48(3), 91-99. **Second place, Author of the Year Award.**
- Chenevey, J. L.*, Ewing, J. C.*, & Whittington, M. S. (2008). Teacher burnout and job satisfaction in agricultural education teachers. Journal of Agricultural Education, 49(3), 12-22.
- Hoerst, C. M.*, & Whittington, M. S. (2009). The current status of classroom inclusion activities of secondary agriculture teachers. Journal of Agricultural Education, 50(2), 38-51.
- Ewing, J. C.*, & Whittington, M. S. (2009). Describing the cognitive level of professor discourse and student cognition in college of agriculture class sessions. Journal of Agricultural Education, 50(4), electronic. **Second place, Author of the Year Award.**
- Foster, D. D.*, & Whittington, M. S. (2010). Developing an instrument to measure the utilization of the principles of teaching and learning during class sessions. Journal of Agricultural Education, 51(2), electronic.
- Velez, J., Cano, J. M., Wolf, K., & Whittington, M. S. (2011). Cultivating change through peer teaching. Journal of Agricultural Education, 52(1), electronic.
- Ewing, J. C.*, Whittington, M. S., & Foster, D. D.* (2011). Explaining student cognition in class sessions in the context of Piaget's Theory of Cognitive Development. North American Colleges and Teachers of Agriculture Journal, 55(1), 66-78 electronic. **E. B. Knight Outstanding Journal Article.**
- Jagger, C. B.*, & Whittington, M. S. (2013). Modeling teaching techniques: Preservice nonformal educators' adoption of techniques that will influence employability of their future audiences. North American Colleges and Teachers of Agriculture Journal, 53(1), 71-77.
- Filson, C. M.*, & Whittington, M. S. (2013). Engaging undergraduate students through academic advising. North American Colleges and Teachers of Agriculture Journal, 53(2), 65-71
- Foster, D. D.*, & Whittington, M. S. (2017). Instructor's use of the Principles of Teaching and Learning during college class sessions. Journal of Agricultural Education.

BLIND PEER REVIEWED PAPERS & PRESENTATIONS IN PROCEEDINGS

(SELECTED LIST RELATED TO TEACHING: LAST FIVE YEARS PLUS AWARD WINNING POSTERS)

- Whittington, M. S. & Bowman, G. L. T. (1994). Assessment of cognitive level of instruction aspiration and attitude toward higher level instruction. Proceedings of the 21st Annual National Agricultural Education Research Meeting, 21(1), 27-32. Dallas, TX. **Outstanding Paper Presentation Award.**
- Whittington, M. S. & Bowman, G. L. T. (1994). Cognitive level of instruction among fall semester college of agriculture faculty. Proceedings of the 13th Annual Western Region Agricultural Education Research Meeting, 13(1), 108-119. Honolulu, HI. **Third place presentation.**
- Whittington, M. S. & Raven, M. R. (1994). Comparison of learning styles, teaching styles and personality types of pre-service student teachers at two western universities. Proceedings of the 13th Annual Western Region Agricultural Education Research Meeting, 13(1), 224-235. Honolulu, HI. **Second place presentation.**

- Raven, M. R., Whittington, M. S. & Day, T. (1996). Learning styles of college of agriculture professors. Proceedings of the Annual Eastern Region Agricultural Education Research Meeting, 50(1), 25-33. Fredericksburg, VA. **Second place presentation.**
- Whittington, M. S. & McCormick, D. (1997). Assessment of academic challenges provided by professors in college of agriculture classrooms. Proceedings of the Annual Eastern Region Agricultural Education Research Meeting, 51(1), 23-29. Lewisburg, PA. **(One of only three accepted for presentation).**
- Connors, J. J., Cano, J. M., Knobloch, N. A., & Whittington, M. S. (2002). Praxis assessments for beginning agricultural teachers. Proceedings of the Annual Central Region Agricultural Education Research Meeting. St. Louis, MO. **Second place presentation.**
- Ewing, J. C., and Whittington, M. S. (2007). Explaining student cognition in the context of Piaget's Theory of Cognitive Development. Proceedings of the Association for Career and Technical Education Research Conference. Las Vegas, NV. **Outstanding Paper Presentation Award.**
- Velez, J., Cano, J. M., Whittington, M. S., & Wolf, K. (2009). Peer teaching: Cultivating change in both the students and the classroom. Proceedings of the 36th Annual National Agricultural Education Research Conference. Louisville, KY. **Outstanding Paper Presentation Award.**
- Foster, D. D., Whittington, M. S., & Bookman, J.A. (2009). Piaget's stages of cognitive development: Have college students reached formal operations? Proceedings of the Annual North Central Region Agricultural Education Research Conference. Lincoln, NE. **Outstanding Paper Presentation Award** (one awarded) and **Meritorious Manuscript Award** (three awarded).
- Whittington, M. S., & Miller, A. (2015). Inclusion education of preservice teachers. Proceedings of the Council for Advancement and Support of Education Conference. Chicago, IL.

REFEREED POSTERS IN PROCEEDINGS (SELECTED LIST RELATED TO TEACHING: LAST FIVE YEARS PLUS AWARD WINNING POSTERS)

- Whittington, M. S. (1993). Preservice secondary agricultural science and technology for the Pacific Northwest. First Poster Proceedings of the 12th Annual Western Regional Agricultural Education Conference, 1(1), 7-8. Bozeman, MT. **Second place poster** (forwarded for national competition).
- Connors, J. J., Knobloch, N. A., Cano, J. M., & Whittington, M. S. (2002). Praxis assessments for beginning agricultural educators. Poster Proceedings of the Annual North Central Region Agricultural Education Research Conference. St. Louis, MO. **Second place poster.**
- Cano, J. M., Connors, J. J., Knobloch, N. A., & Whittington, M. S. (2002). Retooling preservice agricultural education. Poster Proceedings of the Annual North Central Region Agricultural Education Research Conference. St. Louis, MO. **Outstanding poster.**
- Whittington, M. S., Rudd, R., Akers, C., Dodson, B., & Elliot, J. (2003). FFA Life Knowledge, real lessons for real life initiative. Poster Proceedings of the Annual North Central, Western, and Southern Region Agricultural Education Research Conferences. (Order of authors changed by region of presentation).
- Falk, J. M., & Whittington, M. S. (2003). We took the lead, so they could lead. Poster Proceedings of the Inaugural North Central Region Agricultural Education Research Conference. Columbus, OH. **Outstanding poster.**

- Ewing, J. C., Swan, B. G., & Whittington, M. S. (2004). Preparing secondary agricultural educators to be effective teachers in the laboratory setting. Poster Proceedings of the 31st Annual National Agricultural Education Research Conference. St. Louis, MO. **Outstanding poster.**
- Wolf, K., Velez, J., Cano, J. M., & Whittington, M. S., (2007). In concert or conflict: Instructor-centered learning, peer-assisted instruction, motivation, and cognitive processing. Poster Proceedings of the Annual North Central Region Agricultural Education Research Conference. Columbia, MO. **Outstanding poster.**
- Whittington, M. S., Foster, D. D., Falk, J. M., Beck, W. M., & Bookman, J. A. (2008). Creating a conceptual framework for studying cognitive levels of teaching and learning. Poster Proceedings of the Annual National Agricultural Education Research Conference. Reno, NV. **Third place poster.**
- Foster, D. D., Connors, J. J., Cano, J. M., & Whittington, M. S. (2008). An undergraduate peer teaching approach to portfolio development across the curriculum. Poster Proceedings of the Annual North Central Region Agricultural Education Research Conference. Ithaca, NY. **Second place poster.**
- Homan, D., Whittington, M. S., Hall, D. (2011). Ideation workshop: Innovative collaboration for agricultural education. Poster Proceedings of the Annual National Agricultural Education Research Conference. Coeur d' Alene, ID. **Third place poster.**
- Filson, C. M., & Whittington, M. S. (2011). Educating learners with special needs: Perceptions of teachers in agriculture classrooms. Poster Proceedings of the Annual North Central Region Agricultural Education Research Conference. University Park, PA. **First place poster (student category); Second place poster (overall).**
- Filson, C. M., & Whittington, M. S. (2014). Roadblocks to academic progress: Reported obstacles to undergraduate success. Poster Proceedings of the Annual Ohio Agricultural Research and Development Center Research Conference. Wooster, OH.
- Foor, R. M., Arulanantham, A., Biddle, A., Homan, D., Schroeder, J., & Whittington, M. S. (2014). Developing cultural competence through a peer-teaching approach. Poster Proceedings of the Annual National Agricultural Education Research Conference. Snowbird, UT.
- Jagger, C. B, & Whittington, M. S. (2014). Towards cultural proficiency: The value of service learning to students' advancement along the cultural proficiency continuum. Poster Proceedings of the Annual North Central Region Agricultural Education Research Conference. Morgantown, WV.
- Jagger, C. B, & Whittington, M. S. (2014). Change in Students' Diversity Awareness Profile: What evidence can journaling and reflections provide? Poster Proceedings of the Annual North Central Region Agricultural Education Research Conference. Morgantown, WV. **Second place poster.**
- Jagger, C. B, & Whittington, M. S. (2015). Students' movement along Cross' Cultural Proficiency Continuum: Evidence provided through a focus group. Poster Proceedings of the Annual North Central Region Agricultural Education Research Conference. St. Paul, MN.
- Jagger, C. B, & Whittington, M. S. (2016). A journaling assignment: Effect on students' Diversity Awareness Profile. Poster Proceedings of the 10th Conference on Excellence in Teaching and Learning. Columbus, OH.
- Jagger, C. B., & Whittington, M. S. (2017). Using cultural proficiency education to impact students' 21st century skills through service learning. Poster proceedings of the Annual National Agricultural Education Research Conference. San Luis Obispo, CA.

- Jagger, C. B., & Whittington, M. S. (2017). Preservice agriscience teacher perceptions of their preparation to teach diverse underrepresented populations. Poster proceedings of the Annual National Agricultural Education Research Conference. San Luis Obispo, CA.
- Whittington, M. S., Scheer, S., Buck, E., & Birkenholz, R. (2017). Innovative teaching strategies for the undergraduate introductory course in an agricultural science, communication, and leadership department. Poster proceedings of the Annual National Agricultural Education Research Conference. San Luis Obispo, CA.

INVITED FACULTY DEVELOPMENT SEMINARS AT UNIVERSITIES (*N*=36)

United States

- Raven, M., & Whittington, M. S. (1993). Enhancing teaching through knowledge of learning styles. Presented at the faculty development seminar of Weber State University. Ogden, UT. 2-hour presentation with handouts).
- Whittington, M. S. (1996). Classroom behaviors: Lessons professors can learn from 250 hours of classroom observation. Presented to faculty in the Department of Food Science, The Pennsylvania State University. (60-minute Power-point presentation with handouts, 28 in attendance).
- Whittington, M. S. (1998). Peer evaluation: The cognitive dimension. Presented to faculty in the Department of Plant Pathology, The Pennsylvania State University. (1-hour PowerPoint presentation with handouts. 13 in attendance).
- Whittington, M. S. (1998). Cognitive challenges for today's students. Presented to faculty in the College of Agriculture, University of Arizona. (3-hour workshop with PowerPoint presentation and handouts. 55 in attendance).
- Whittington, M. S. (1999). Cognitive challenges for today's students. Presented to faculty in the College of Agriculture, University of Illinois. (3-hour workshop with PowerPoint presentation and handouts. 51 in attendance).
- Whittington, M. S. (1999). Teaching tips: As we begin a new semester. Presented to faculty in the College of Agriculture, University of Illinois. (20-minute luncheon lecture). 44 in attendance.
- Whittington, M. S., (2005). What are students thinking during a typical college lecture? Presented to the Teaching Improvement Symposium at North Carolina State University via distance.
- Whittington, M. S. (2007). Cognitive levels of teaching and learning: An introduction/review. Workshop presented to the faculty at Baker College, Kettering University, Mott Community College, and The University of Michigan-Flint. Flint, MI. (90 minute workshop with PowerPoint, handouts, group activities, discussion. 82 in attendance).
- Whittington, M. S. (2007). What have we learned about teaching at higher cognitive levels? P.S. And what can we do about it? Workshop presented to the faculty at Baker College, Kettering University, Mott Community College, and The University of Michigan-Flint. Flint, MI. (90 minute workshop with PowerPoint, handouts, group activities, discussion. 82 in attendance).
- Whittington, M. S. (2007). Engaging learners at higher cognitive levels: Start with the basics. Workshop presented to the faculty at Baker College, Kettering University, Mott Community College, and The University of Michigan-Flint. Flint, MI. (90 minute workshop with PowerPoint, handouts, group activities, discussion. 82 in attendance).
- Whittington, M. S. (2007). Higher cognitive levels of instruction: A model and applications. Workshop presented to the faculty at Baker College, Kettering University, Mott

- Community College, and The University of Michigan-Flint. Flint, MI. (90 minute workshop with PowerPoint, handouts, group activities, discussion. 82 in attendance).
- Whittington, M. S. (2008). Classrooms: your database for publishing the scholarship of teaching and learning. Presented to the John Burns Conference on the Scholarship of Teaching and Learning, Texas Tech University, Lubbock, TX. (90 minute interactive keynote address and workshop with PowerPoint and handouts. 100 in attendance).
- Whittington, M. S. (2008). Teaching with *flair*' \ (fla(a)/(e)r, n. [fr. *flairier* 1: natural ability or capacity]. Presented to the John Burns Conference on the Scholarship of Teaching and Learning, Texas Tech University, Lubbock, TX. (90 minute interactive workshop with PowerPoint and handouts. 75 in attendance).
- Whittington, M. S. (2009). Cognitive levels of teaching and learning: An introduction/review. Presented to the faculty, University of Kentucky, Lexington, KY. (90 minute interactive workshop with PowerPoint and handouts. 30 in attendance).
- Whittington, M. S. (2009). Engaging learners at higher cognitive levels during class sessions. Presented to the faculty, University of Kentucky, Lexington, KY. (90 minute interactive workshop with PowerPoint and handouts. 30 in attendance).
- Whittington, M. S. (2009). Teaching with *flair*' \ (fla(a)/(e)r, n. [fr. *flairier* 1: natural ability or capacity]. Presented to the 10th Annual College of Agricultural and Life Sciences Teaching Enhancement Symposium, University of Florida, Gainesville, FL. (30 minute interactive workshop with PowerPoint and handouts. 250 in attendance).
- Whittington, M. S. (2009). Engaging learners at higher cognitive levels. Presented to the 10th Annual College of Agricultural and Life Sciences Teaching Enhancement Symposium, University of Florida, Gainesville, FL. (75 minute interactive workshop with PowerPoint and handouts. 75 in attendance).
- Whittington, M. S. (2009). Engaging learning at higher cognitive levels: Classroom applications of our research in agricultural education. Presented to the Department of Agricultural Education, University of Illinois, Urbana-Champaign, IL. (1-hour interactive workshop with PowerPoint and handouts. 20 in attendance).
- Whittington, M. S. (2011). Valuing art and science in the teaching/learning environment. Presented to faculty, staff, and students at the Science Seminar Lecture Series; sponsored by the Computer Science and Engineering Department, Taylor University, Upland, IN. (1-hour interactive workshop with PowerPoint and handouts. 35 in attendance).

International

- Whittington, M. S., Birkenholz, R. J., & Whittington, P. R. (2005). Punjab Agricultural University faculty development workshop. Presented to the faculty at Punjab Agricultural University, Ludhiana, India. (1-hour presentation with PowerPoint and handouts. 150 in attendance).
- Whittington, M. S. (2005). Punjab Agricultural University faculty development: Developing a student-centered course syllabus. Workshop presented to the faculty at Punjab Agricultural University, Ludhiana, India. (1-hour presentation with PowerPoint and handouts. 30 in attendance).
- Whittington, M. S. (2008). Engaging learners: The journey from teaching effectiveness to student-centeredness. Presented to the faculty at Punjab Agricultural University, Ludhiana, India. (1-hour presentation with PowerPoint and handouts. 110 in attendance).
- Whittington, M. S. (2008). Student-centered learning: Connecting related research to improving teaching. Workshop presented to the faculty and Ph.D students at Punjab Agricultural

- University, Ludhiana, India. (1-hour presentation with PowerPoint and handouts. 110 in attendance, faculty workshop; 45 in attendance, Ph.D. workshop).
- Whittington, M. S. (2008). Student-centered learning: How can learning be improved?. Workshop presented to the undergraduate students at Punjab Agricultural University, Ludhiana (90 in attendance), India (1-hour presentation with PowerPoint and handouts).
- Whittington, M. S., & Birkenholz, R. J. (2008). Effective teaching: Revisiting what we know about learning. Presented to the faculty at Chandra Shekar Azad University of Agriculture and Technology, Kanpur, India (150 in attendance); Orissa University of Agriculture and Technology, Bhubaneswar, India (60 in attendance), 90-minute Powerpoint presentation with discussion.
- Whittington, M. S. (2008). Building capacity in higher education. Presented to the faculty at Orissa University of Agriculture and Technology, Bhubaneswar, (60 in attendance); and to the Ph.D. students at Chandra Shekar Azad University of Agriculture and Technology, Kanpur, India (90 in attendance); 90-minute Powerpoint presentation with discussion.
- Whittington, M. S. (2008). Visioning for the future: Reinventing and transforming Orissa. Presented to the faculty at Orissa University of Agriculture and Technology, Bhubaneswar, India (90-minute Powerpoint presentation with discussion groups, 60 in attendance).
- Whittington, M. S. (2008). Building capacity in higher education: Research on teaching Presented to the faculty at Chandra Shekar Azad University of Agriculture and Technology, Kanpur, India (150 in attendance); 90-minute Powerpoint presentation with discussion.
- Whittington, M. S. (2008). Student-centered learning: Connecting related research to improving teaching. Workshop presented to the faculty Chandra Shekar Azad University of Agriculture and Technology, Kanpur, India (150 in attendance); 90-minute Powerpoint presentation with discussion.
- Whittington, M. S. (2011). Engaging learners at higher cognitive levels. Presented to the faculty at Yuanpei University, Hsinchu, Taiwan. (3-hour presentation with PowerPoint and handouts. 20 in attendance).
- Whittington, M. S. (2011). Effective teaching: Revisiting what we know about learning. Presented to the faculty at Yuanpei University, Hsinchu, Taiwan. (3-hour presentation with PowerPoint and handouts. 20 in attendance).
- Whittington, M. S. (2011). Developing a student-centered syllabus. Presented to the faculty at Yuanpei University, Hsinchu, Taiwan. (3-hour presentation with PowerPoint and handouts. 20 in attendance).
- Whittington, M. S. (2011). Developing a daily plan for teaching. Presented to the faculty at Yuanpei University, Hsinchu, Taiwan. (3-hour presentation with discussion, activity, and handouts. 20 in attendance).
- Whittington, M. S. (2011). Using variability in assessing learners. Presented to the faculty at Yuanpei University, Hsinchu, Taiwan. (3-hour presentation with discussion, activity, and handouts. 20 in attendance).
- Whittington, M. S. (2014). Effective teaching: Revisiting research and theory on learning. Presented to the faculty at Egerton University, Nakuru, Kenya. (2-hour presentation with discussion, activity, and handouts. 50 in attendance).
- Whittington, M. S. (2014). Building capacity by listening to students: A qualitative approach. Presented to the faculty at Egerton University, Nakuru, Kenya. (2-hour presentation with discussion, activity, and handouts. 50 in attendance).

GRADUATE RESEARCH ADVISED (SELECTED LIST RELATED TO TEACHING)Dissertations

- Knobloch, N. A. (2002). Exploration of effects caused by the first ten weeks of the school year on teacher efficacy of student and beginning teachers in Ohio agricultural education.
- Ewing, J. C. (2006). Teaching techniques, and cognitive level of discourse, questions, and course objectives, and their relationship to student cognition in College of Agriculture class sessions.
- Foster, D. D. (2009). Instructor variables, student variables, and class session environment variables: Describing their relationship to student cognition during class sessions.
- Falk, J. M. (2011). The relationship between teacher behaviors and content retention in secondary agricultural education.
- Filson, C. M. (2012). Describing undergraduate students' perceptions of academic advising in a college of food, agricultural, and environmental sciences.
- Jagger, C. B. (2016). Undergraduate students' cultural proficiency education in career and citizenship preparation.
- Faraj, S. (2017). Teachers' perceptions toward sustainable agriculture in an Ohio science high school.
- Abdul Latir, S. S. (2018). Teachers' perceptions and a researcher's observations toward implementing inquiry-based instructional approaches.

Master's Theses and Projects (n = 17)**UNDERGRADUATE RESEARCH ADVISED** (SELECTED LIST RELATED TO TEACHING: SINCE 2000)Honors Theses

- McConnell, E. (2003) Teacher efficacy of novice teachers in agricultural education in Ohio at the end of the school year.
- Moffett, S. (2004). Improving the cognitive capacity of students by fully engaging them in the thinking process.
- Undergraduate Research Presentations, Proceedings, and Posters
- Whittington, M. S., Dougherty, H. & McEnany, K. (1998). A comparison of the cognitive assessments of teaching at three colleges of agriculture. Poster Proceedings of the Annual Eastern Region Agricultural Education Research Conference. Norwich, CT.
- Smith, J., & Whittington, M. S. (2004) The student teacher/cooperating teacher relationship: A case study. Poster Proceedings of the Annual North Central Region Agricultural Education Research Conference. Lafayette, IN.
- Shertzer, S., Ewing, J. C., & Whittington, M. S. (2004). A preliminary examination of students' thoughts during lectures. Poster Proceedings of the Annual North Central Region Agricultural Education Research Conference. West Lafayette, IN. **Second Place Poster.**
- Hoerst, C., Ewing, J., & Whittington, M. S. (2005). Types and cognitive level of questions asked during college courses. Presented at the College of Food, Agricultural, and Environmental Sciences Undergraduate Research Forum, & The Ohio State University Denman Undergraduate Research Forum. Columbus, OH.

- Bookman, J.A., Foster, D. D., & Whittington, M. S. (2009). Piaget's stages of cognitive development: Have college students reached formal operations? Presented at the College of Food, Agricultural, and Environmental Sciences Undergraduate Research Forum & The Ohio State University Denman Undergraduate Research Forum. Columbus, OH.
- Gill, B. E., Jagger, C. B., Adams, A., Falk, J. M., Hall, J., Bookman, J. A., Valenti, R., Swinehart, K., Elliott, J. F., and Whittington, M. S. (2010). Education in a Technological World: An Analysis of Online Teaching Resources. Presented at the College of Food, Agricultural, and Environmental Sciences Undergraduate Research Forum. Columbus, OH.
- Swinehart, K., Falk, J. M., & Whittington, M. S. (2010). Creating an exam at varying levels of Bloom's Taxonomy. Presented at the College of Food, Agricultural, and Environmental Sciences Undergraduate Research Forum. Columbus, OH.
- Steinmetz, N., McMullen, S., Schmitz, S., & Whittington, M. S. (2011). Toward cultural proficiency: A course for preservice educators, communicators, and leaders. Presented at the College of Food, Agricultural, and Environmental Sciences Undergraduate Research Forum & The Ohio State University Denman Undergraduate Research Forum. Columbus, OH.
- Miller, A. M. & Whittington, M. S. (2015). Preservice agriscience education teachers: Their preparation for teaching in diverse 21st century classrooms. Presented at the College of Food, Agricultural, and Environmental Sciences Undergraduate Research Forum. Columbus, OH.
- Nicol, F., Giorgi, A. J., Black, C. A., & Whittington, M. S. (2017). Pre-service teacher preparation to teach record keeping techniques. Presented at the College of Food, Agricultural, and Environmental Sciences Undergraduate Research Forum & The Ohio State University Denman Undergraduate Research Forum. Columbus, OH.
- Balint, S., Black, C. A., Giorgi, A. J., & Whittington, M. S. (2017). Perceptions of preservice teachers toward preparation to teach the science of agriculture. Presented at the College of Food, Agricultural, and Environmental Sciences Undergraduate Research Forum & The Ohio State University Denman Undergraduate Research Forum. Columbus, OH.
- Gase, D. J., Giorgi, A. J., Black, C. A., & Whittington, M. S. (2017). Describing preservice teachers' perceptions of teaching the science of agriculture to a diverse audience. Presented at the College of Food, Agricultural, and Environmental Sciences Undergraduate Research Forum & The Ohio State University Denman Undergraduate Research Forum. Columbus, OH.
- Landis, S., & Whittington, M. S. (2018). Describing preservice teachers' perceptions of inquiry-based learning. Presented at the College of Food, Agricultural, and Environmental Sciences Undergraduate Research Forum & The Ohio State University Denman Undergraduate Research Forum. Columbus, OH.

TEXTBOOK

Newcomb, L. H., McCracken, J. D., Warmbrod, J. R., & Whittington, M. S. (2004). *Methods of teaching agriculture* (3rd Ed.). Upper Saddle River, NJ: Prentice Hall Publishers, Inc.

TEXTBOOK/WORKBOOK

Marsh, M. & Marsh, M. with Whittington, M. S. (2013). *Toward Cultural Proficiency*. Cincinnati, OH: Did You Know Publishing, Inc.

INVITED BOOK CHAPTERS

- Whittington, M. S. (1996). Trust: the foundational element in leadership. In Interpersonal Skills for Leadership. S. Fritz & F. W. Brown (Eds.) 2nd Edition, New York: Simon and Shuster.
- Stephens, C.A. & Whittington, M. S. (2010). Preparing context-based educators for mentoring preservice education interns. In Preparing and Advancing Teachers in Agricultural Education. R.M. Torres, T. Kitchel, & A. L. Ball (Eds.), Columbus, OH: Curriculum Materials Service.
- Adams-Gaston, J., McDaniels, A., & Whittington, M. S. (2018). The Ohio State University's Second-year Transformational Experience Program. In Aligning Institutional Support for Student Success: Case Studies of Sophomore-Year Initiatives. Gardner, J. (Ed.), National Resource Center for the First-Year Experience and Students in Transition.
- Isaacs, D., McDaniel, A., Adams-Gaston, J., & Whittington, M. S. (in press, 2019). OSU's Second-year Transformational Experience Program: Enriching students' lives in the modern land grant era. The 21st Century Land-Grant Mission of The Ohio State University. Gavazzi, S. M. & Staley, D. J. (Eds). Columbus, OH: University Press.

REFEREED MONOGRAPH

- Whittington, M. S., & Newcomb, L. H. (1993). Aspired cognitive level of instruction, assessed cognitive level of instruction and attitude toward teaching at higher cognitive levels. Summary of Research, Columbus, OH: The Ohio State University, Bulletin #SR70.

FACULTY MENTOR RESOURCE MANUAL

- Whittington, M. S., Black, C., Black, C., Kapusta, R., Greenslade-Smith, T., & Fines, B. (2018). STEP Resource Manual: Faculty Handbook, Student Handbook & Proposal Guidelines, The Ohio State University, Columbus, OH.

REPORTS

- Randhawa, V., Straquadine, G., Whittington, M. S., & Ambula, M. (2014). Teaching and Learning Center at Egerton University. Report of the Trilateral Food Security Program. Nakuru, Kenya.

UNPUBLISHED PROFESSIONAL PRESENTATIONS (RELATED TO TEACHING: SELECTED LIST SINCE 2000)

National and Regional Presentations

- Cano, J. M., Connors, J. J., Knobloch, N. A., & Whittington, M. S. (2002). A new vision for undergraduate education in agriculture. Presented to the National Career and Technical Teacher Education Institute. Scottsdale, AZ.
- Whittington, M. S., & Ewing, J. C. (2004). What have we learned about teaching at higher cognitive levels? Presented to the Lilly Conference on College and University Teaching. Oxford, OH.
- Ewing, J. C., & Whittington, M. S. (2005). Are professors asking effective questions during class? Presented to the Lilly North Conference on College and University Teaching. Traverse City, MI.

- Whittington, M. S. (2006). Applying pedagogical skills: Assessing our peers. Presented to the OMEGA: Powerful Professional Growth participants, Indianapolis, IN.
- Whittington, M. S., & Filson, C. M. (2012). Looking through a peephole or an open door?: Insights into inclusion and diversity. Presented to the National Association for Agricultural Educators Annual Conference. Atlanta, GA.
- Whittington, M. S., Schroeder, J., Biddle, A., & Arulanantham, A., Homan, D. (2014). Moving students and peers beyond diversity towards cultural proficiency. Presented to the National Conference on Diversity, Race, and Learning, Columbus, OH.
- Whittington, M. S., & Whittington, P. R. (2016). Preparing HS agriculture students to be first gen post-secondary students. Presented to the National Association for Agricultural Educators Annual Conference. Las Vegas, NV.
- Whittington, M. S. (2016). Engaging learners at higher cognitive levels during class sessions. Presented to the National Association for Agricultural Educators Annual Conference. Las Vegas, NV.

In-state and In-house Presentations

- Ewing, J. C., & Whittington, M. S. (2005). Types and cognitive level of professor questions during college of agriculture class sessions. Presented at the Department of Human and Community Resource Development Graduate Student Association Research Conference, Columbus, OH.
- Foster, D. D., Falk, J. M., & Whittington, M.S. (2008). Class sessions designed to engage learners at higher cognitive levels. Presented to the Ohio Association for Career and Technical Education. Columbus, OH.
- Jagger, C. B., & Whittington, M. S. (2009). Describing the relationship between brain activity, higher cognitive teaching techniques, and student achievement. Presented at the Department of Human and Community Resource Development Graduate Student Association Research Conference, Columbus, OH.
- Bookman, J. A., Foster, D. D., & Whittington, M. S. (2009). Piaget's stages of cognitive development: Have college students reached formal operations? Presented at the Department of Human and Community Resource Development Graduate Student Association Research Conference, Columbus, OH.
- Jagger, C. B., & Whittington, M. S. (2010). Measuring student adoption of high cognitive teaching techniques and that relationship to their ability to answer higher cognitive questions. Presented at the Department of Human and Community Resource Development Graduate Student Association Research Conference, Columbus, OH.
- Whittington, M. S., Steinmetz, N., McMullen, S., & Schmitz, S. (2012). Toward cultural proficiency; A college course for preservice teachers. Presented to the Annual National Urban Education Institute. Central State University, Wilberforce, OH.
- Schmitz, S., Whittington, M. S., Steinmetz, N., & McMullen, S. (2012). Toward cultural proficiency: Data on cultural change of preservice teachers. Presented at the Department of Agricultural Communication, Education, and Leadership Graduate Student Association Research Conference, Columbus, OH.
- Marsh, M., Marsh, M., & Whittington, M. S. (2013). The power of yes – Creative suggestions for passionate facilitators of learning. Presented to the Annual National Urban Education Institute. Cedarville University, Cedarville, OH.
- Jagger, C. B. & Whittington, M. S. (2014). Toward cultural proficiency: Data on cultural change of students in a 15-week course. Presented at the Department of Agricultural

Communication, Education, and Leadership Graduate Student Association Research Conference, Columbus, OH.

Black, C. A., Black, C., Zirkle, C., Fines, B., Kapusta, R., McDaniel, A., Greenslade-Smith, T., & Whittington, M. S. (2019). Preparing students for the Second-Year Transformational Experience Program (STEP). Presented to The Ohio State University First-Year Experience Conference, Columbus, OH.

INVITED UNPUBLISHED SCHOLARLY PRESENTATIONS (SELECTED LIST RELATED TO TEACHING: SINCE 2000)

International

Whittington, M. S., Birkenholz, R. J., & Whittington, P. R. (August, 2008). Student-centered learning: A discussion with students. Presented to the postdoctoral students at the National Academy for Agricultural Research and Management, Hyderabad, India.

Whittington, M. S., & Birkenholz, R. J. (August, 2008). Student-centered learning: How can learning be improved? Workshop presented to the undergraduate students at Orissa University of Agriculture and Technology, Bhubaneswar, India.

Whittington, M. S. (August, 2008). Building capacity in higher education: How can we improve teaching? Workshop presented to the undergraduate students at Chandra Shekar Azad University of Agriculture and Technology, Kanpur, India.

Regional, National

Whittington, M. S. (2003). Peer reviews of college teaching. Presented to the Midwest Research-to-Practice Conference, Columbus, OH.

Barrett, L., Whittington, M. S., Dings, D., & Pendergraft, J. (2004). 50 years of NACTA: How has teaching improved? Presented at the 50th Anniversary of North American Colleges and Teachers of Agriculture Annual Conference, Gainesville, FL.

Whittington, M. S. & Ewing, J. C. (2006). Engaging learners at higher cognitive levels: Self-assessing classroom behaviors. Presented to the Lilly North Conference on College and University Teaching. Traverse City, MI.

Whittington, M. S. (2007). Higher cognitive levels of instruction: A model and applications. Presented to the Lilly North Conference on College and University Teaching. Traverse City, MI.

Whittington, M. S. (2007). Teaching with *flair*' \ (fla(a)/(e)r, n. [fr. *flairier* 1: natural ability or capacity]. Invited keynote to the Western Region Teaching Symposium, Tucson, AZ.

Whittington, M. S. (2008). Improving Teaching in Higher Education: Connecting the Dots. Presented to the American Association for Agricultural Education Annual Conference, Reno, NV.

Whittington, M. S. (2012). Teaching in a research world. Presented to the Academic Programs Section of the Association for Public and Landgrant Universities, Denver, CO.

Whittington, M. S. (2012). The role of public high schools in building relationships with the university. Presented to the Academic Programs Section of the Association for Public and Landgrant Universities, Denver, CO.

Whittington, M. S. (2013). Succeeding as a teacher in a research environment. Presented to the Virtual Expert Series: Women Role Models in Agricultural Leadership, Education, and Communications, College Station, TX.

Whittington, M. S. (2013). Crossing cultural boundaries: student to student inclusion. Presented as the Blue Ribbon Lecture, North American Colleges and Teachers of Agriculture,

Blacksburg, VA.

- Whittington, M. S., Schroeder, J., Homan, D., Biddle, A., & Arulanantham, A., (2013). Cultural change: a World Café approach. Presented to the College of Agricultural Sciences Ambassadors at the University of Arizona, Tucson, AZ.
- Whittington, M. S. (2014). How to measure co-curricular activities & documenting teaching scholarship. Presented to the Academic Programs Section of the Association for Public and Landgrant Universities, Bozeman, MT.
- Whittington, M. S. (2015). Toward cultural proficiency. Presented to the National Agricultural Alumni Development Association Conference, College Station, TX.
- Whittington, M. S. (2015). Toward cultural proficiency. Presented to the Career and Technical Education Equity Council Conference, Tulsa, OK.
- Whittington, M. S. (2016). Our foundations from the ground up: A world café. Presented to the Omega II, Powerful Professional Growth, College Station.
- Whittington, M. S. (2016). Describing experiences and characteristics for preparing students to enter 21st century, global, living, learning, and working environments. Keynote address to the Career and Technical Education Equity Council Conference, Tulsa, OK.
- Whittington, M. S. (2017). Owl Pellets – Practical tips for Ag Teachers. Presented to the National Podcast from the University of Florida, University of Arkansas, and Oklahoma State.
- Whittington, M. S. (2017). Transforming the culture of agricultural education: A world café technique. Presented to the Penn State, University of Kentucky, and Murray State Preservice Teacher's Post-Internship Professional Development Seminar, Pittsburgh, PA.
- Whittington, M. S., Greenslade-Smith, T., Black, C. A., & Kapusta, R. (2018). Engaging second-year students in high impact professional development. Presented to the Students in Transition Conference, Indianapolis, IN.

Local and State

- Whittington, M. S. (2000). Enhancing opportunities for cognitive processing in college classrooms. Presented to the faculty and staff of the Department of Human and Community Resource Development, The Ohio State University.
- Jolliff, S., Wiget, C., Whittington, M. S. (2001). The status of the new teacher program in Ohio. Ohio Agricultural Education Leadership Community semi-annual meeting.
- Whittington, M. S. (2001). Managing classrooms as beginning teachers. Presented to Technical Update for Teachers, Wooster, OH.
- Whittington, M. S. (2002). Evaluating my cognitive level of teaching. Presented to Agricultural Engineering Teaching Assistants, Columbus, OH.
- Whittington, P. R., & Whittington, M. S. (2005). Preparing to be a successful college student. Presented to the Ohio Farm Bureau Leadership Camp, Otterbein University, Westerville, OH.
- Marsh, M., Marsh, M., Kolp, R., Smith, A., & Whittington, M. S. (2011). Cultural competency for teachers. Presented to the Making Diversity Live in Your Life Training for Cincinnati Public Schools Annual Summer Inservice, Mayerson Academy, Cincinnati, OH.
- Steinmetz, N., McMullen, S., Homan, D., & Whittington, M. S. (2012). Cultural transformation: A student perspective. Web Proceedings of the 2012 Diversity Leadership Symposium: Transforming Campuses to become Authentically Inclusive Communities. Columbus, OH.
- Whittington, M. S. (annually: 2012-2015, 2017). Teach me how to be a teacher. Ohio FFA Officer Team. Columbus, OH.

- Whittington, M. S. (2012). Inclusive behaviors in our living, learning, and working environments. College of Food, Agricultural, and Environmental Sciences Ambassadors. Columbus, OH.
- Whittington, M. S., Steinmetz, N., McMullen, S., & Schmitz, S. (2012). Toward cultural proficiency; A college course for preservice teachers. Presented to the Making Diversity Live in Your Life Training for Cincinnati Public Schools Annual Summer Inservice, Mayerson Academy, Cincinnati, OH.
- Whittington, M. S. (2012). Classroom environments that engage learners at higher cognitive levels. Hands-on Teaching Annual Inservice, Ohio Association for Agricultural Educators. Columbus, OH.
- Whittington, M. S. (2012, autumn). Dorm life: living inclusively. Fireside chat with Norton residents at The Ohio State University, Columbus, OH.
- Whittington, M. S. (2013). Find your passions at Ohio State. Keynote address to the First Generation Buckeye Leadership Connection Dinner for the Economic Access initiative at The Ohio State University, Columbus, OH.
- Whittington, M. S. (2014). Lessons learned from online instruction. Presented to the Office of Distance Education and E-learning and Innovate 360 at The Ohio State University, Columbus, OH.
- Whittington, M. S. (2014). A general education class on cultural proficiency. Presented to perspective OSU students at the Academic Summit at The Ohio State University, Columbus, OH.
- Whittington, M. S. (2014). Developing and teaching a course on cultural proficiency. Presented to faculty and administration at Columbus State University, Columbus, OH.
- Whittington, M. S., Jagger, C. M., & Ray, T. D. (2015). Scholarly presentations on teaching. Presented to the Price Speaker Series, College of Food, Agricultural, and Environmental Sciences, Columbus, OH.
- Whittington, M. S. (2016). Principles of constructive dialogue. Presented to the Farmhouse fraternity, Columbus, OH.
- Whittington, M. S. (2016). Finding your way: A message to first gen students. Presented to the First Gen Initiative, Columbus, OH.
- Motter, A., & Whittington, M. S. (2017). Staters: Reflecting on our inclusion. Presented to the Ohio Staters, Inc, Bull Session, The Ohio State University, Columbus, OH.
- Whittington, M. S. (2017). Changing the culture of secondary agricultural science education: A world café. Presented to the preservice teachers from Penn State University, Pittsburgh, PA.
- Whittington, M. S. (2017). Reflections on your teaching journey. Presented to the University Institute on Teaching and Learning (Inaugural First Year Celebration), The Ohio State University, Columbus, OH.
- Nelms, M. L., & Whittington, M. S. (2017). Making a course your own. Presented to the University New Faculty Orientation, Innovative Roundtable Discussions. The Ohio State University, Columbus, OH.
- Whittington, M. S. (2017). Engaging the disengaged. Presented to the Fall Summit of the STEP faculty, The Ohio State University, Columbus, OH.
- Marsh, M., Marsh, M., & Whittington, M. S. (2018). Designing inclusive classrooms. Presented to the Warren County Education Summit, Lebanon, OH.
- Whittington, M. S. (2018). Leadership opportunities at Ohio State: What is your perspective? Presented to the University STEP Ambassadors. The Ohio State University, Columbus, OH.

Whittington, M. S. (2018). Connecting and networking across the university. Presented to the Global Leadership Initiative. The Ohio State University, Columbus, OH.

FACULTY DEVELOPMENT WORKSHOPS CONDUCTED (N=12)

In-house, Regional, National, International

Whittington, M. S. & Bowman, G. (September 1993). Preparing to assess cognitive level of instruction. Presented to the fall participants (15 professors) of the cognition research, University of Idaho.

Whittington, M. S. & Bowman, G. (January 1994). Preparing to assess cognitive level of instruction. Presented to the spring participants (15 professors) of the cognition research, University of Idaho.

Whittington, M. S. & Bowman, G. (September 1994). Cognitive level of instruction in the college: What did we learn? Presented to the fall and spring participants (30 professors) of the cognition research, University of Idaho.

Whittington, M. S. & Bowman, G. (October 1994). Writing objectives across the levels of cognition. Presented to the level three participants (9 professors) of the cognition research, University of Idaho.

Whittington, M. S. & Bowman, G. (November 1994). Learning styles assessments: Effecting cognitive levels in the classroom? (Part I). Presented to the level three participants (9 professors) of the cognition research, University of Idaho.

Bowman, G. & Whittington, M. S. (December 1994). Learning styles assessments: Effecting cognitive levels in the classroom? (Part II). Presented to the level three participants (9 professors) of the cognition research, University of Idaho.

Whittington, M. S. & Bowman, G. (January 1995). Creating and evaluating: Sharing your “best kept secrets.” Presented to the level three participants (9 professors) of the cognition research, University of Idaho.

Whittington, M. S. & Bowman, G. (February 1995). Questioning techniques and discussion method teaching. Presented to the level three participants (9 professors) of the cognition research, University of Idaho.

Whittington, M. S. & Bowman, G. (May 1995). Barriers to reaching higher cognitive levels. Presented to the level three participants (9 professors) of the cognition research, University of Idaho.

Whittington, M. S. (1997). Classroom behaviors that reach higher cognitive levels: What have we learned? Presented to faculty in the College of Agricultural Sciences, The Pennsylvania State University.

International

Whittington, M. S., & Birkenholz, R. J. (August, 2004). Effective teaching: Revisiting what we know about learning. Presented to the Faculty of Punjab Agricultural University, Ludhiana, India.

Whittington, M. S., & Birkenholz, R. J. (August, 2008). Effective teaching: Revisiting what we know about learning. Presented to the scientists at the National Academy for Agricultural Research and Management, Hyderabad, India

RESEARCH AND TRAINING GRANTS AND CONTRACTS (\$2,000,000+ FOR PROJECTS RELATED TO TEACHING: SELECTED LIST SINCE 2000.

Funded training grants (SELECTED LIST RELATED TO TEACHING SINCE 2000)

Whittington, M. S., William C. Hauk Memorial Undergraduate University Research Scholarship.

Hoerst, C.M. & Whittington, M. S. Types and cognitive level of questions asked during college classes.

Cano, J. M. & Whittington, M. S. Peer Teaching: A way to enhance learning. Price Endowed Chair in Teaching, Advising, and Learning.

Zirkle, C., Birkenholz, R. J., Cano, J. M., Connors, J. J., Dohner, R. E. & Whittington, M. S. Capacity building for Career and Technical Teacher Education.

Rhoades, E., Whittington, M. S., Scheer, S., Agunga, R., Connors, J. J. A professional development proposal to enhance teaching through technology in agricultural communication and agricultural education and extension.

Hall, D., & Whittington, M. S. BioProducts outreach and STEM engagement. USDA Secondary and Two-year Postsecondary Agricultural Education Challenge Grants.

Foor, R. (with Whittington, M.S.). Developing cultural competency among CALS student leaders. College of Agricultural and Life Sciences, University of Arizona.

Other funding received for academic work (SELECTED LIST RELATED TO TEACHING SINCE 2000)

Whittington, M. S. Describing the cognitive level of discourse of a secondary teacher during an animal science unit of instruction. Summer Research Opportunity Program.

Cano, J. M., & Whittington, M. S. Beyond the classroom: alternative funding for engaging students in educational experiences.

Whittington, M. S. Building pre-service teacher relationships with Central State University.

Whittington, M. S. Partnerships in CASE curriculum for Preservice Teachers.

Whittington, M. S. Investing in the future of public school agricultural education: A CASE inquiry-based approach.

Whittington, M. S. Professional development in improving college teaching.

Whittington, M. S. A Modern Philosophy of Immersion for Preparing Teachers.

AWARDS, HONORS & OUTSTANDING RECOGNITION

Teaching Awards and Recognitions (SELECTED LIST RELATED TO TEACHING SINCE 2000)

- *Pomerene Department Award for Teaching Excellence*, College of Food, Agricultural, and Environmental Sciences, The Ohio State University
- *Distinguished Teaching Award*, North Central Region of the American Association for Agricultural Education
- *Outstanding Agricultural Educator Award*, North Central Region of the American Association for Agricultural Education
- *Rodney F. Plimpton Outstanding Young Teacher Award*, College of Food, Agricultural, and Environmental Sciences, The Ohio State University
- *Towers Faculty Award*, College of Food, Agricultural, and Environmental Sciences, The Ohio State University
- *Teaching Award of Merit*, Gamma Sigma Delta, College of Food, Agricultural, and Environmental Sciences
- *National Award for Excellence in College and University Teaching in the Food and Agricultural Sciences*, The United States Department of Agriculture, and The Science and Education Resources Development unit of the Cooperative State Research, Education, and Extension Service, and the National Association of State Universities and Land-Grant Colleges (APLU)
- *Honorary Member*, Teaching Academy, Texas Tech University
- Teaching Excellence Award, North American Colleges and Teachers of Agriculture

- Semi-finalist, Alumni Teaching Award, The Ohio State University Alumni Association

Research Awards and Recognitions (SELECTED LIST)

- *E. B. Knight Journal Award*, NACTA Journal, North American Colleges and Teachers of Agriculture
- *Author of the Year Award*, Journal of Agricultural Education, American Association for Agricultural Education
- *Jack Everly Journal Award*, NACTA Journal, North American Colleges and Teachers of Agriculture
- *Distinguished Researcher Award*, American Association for Agricultural Education

Advising/Mentoring Awards and Recognitions (SELECTED LIST)

- *Sphinx Mentor Faculty Recognition*, The Ohio State University
- *President's Undergraduate Salute Faculty Selection*, The Ohio State University
- *Alpha Tau Zeta Faculty Recognition*, The Ohio State University
- *Mortarboard Mentor Faculty Recognition*, The Ohio State University
- *Outstanding Student Organization Advisor Award*, The Ohio Union and The Office of Student Affairs, The Ohio State University
- *Star Student Support*, Student Council, College of Food, Agricultural, and Environmental Sciences, The Ohio State University
- *Outstanding Academic Mentoring Award*, College of Food, Agricultural, and Environmental Sciences, The Ohio State University
- *University Outstanding Senior Mentor Faculty Recognition*, The Ohio State University
- *Tower's Mentor Faculty Recognition*, College of Food, Agricultural, and Environmental Sciences, The Ohio State University
- *Outstanding Faculty Member*, Inaugural Academic Excellence Reception, Panhellenic Association and The Interfraternity Council, The Ohio State University
- *True Mentor Recognition*, College of Food, Agricultural, and Environmental Sciences, The Ohio State University

Professional Awards and Recognitions (SELECTED LIST RELATED TO TEACHING)

- *Honorary Alumnus*, University of Idaho Alumni Association, The University of Idaho
- *Member*, Provost's Teaching and Learning Consortium, The Pennsylvania State University
- *Outstanding Service to Students Award*, College of Food, Agricultural, and Environmental Sciences, The Ohio State University
- *Selected Participant*, President and Provost's Leadership Institute, The Ohio State University
- *Josephine Sitterle Failer Award*, for outstanding service to Ohio State students, OSU Alumni Association, The Ohio State University
- *AAAE Academy of Fellows*, American Association for Agricultural Education (first woman inductee)
- *Dedicatee*, Annual Recognition Banquet: College of Food, Agricultural, and Environmental Sciences
- *Honorary Inductee*, Bucket and Dipper Junior Class Honorary, The Ohio State University
- *Member*, Provost's Teaching Summit Planning Committee, The Ohio State University

OUTREACH & SERVICE ACTIVITIES (SELECTED LIST RELATED TO TEACHING)Professional Organization Offices (elected) (SELECTED LIST SINCE 2000)

- *President*, Association for Career and Technical Education Research
- *Eastern Region Director*, North American Colleges and Teachers of Agriculture
- *President*, American Association for Agricultural Education

Professional Organization Service (other than elected offices) (SELECTED LIST SINCE 2000)*American Association for Agricultural Education*

- Keynote Speaker, National Professional Development Seminar
- Academy of Fellows
- Program Chair, Teacher Education Caucus
- Panelist, National Professional Standards Development
- Co-Chair, Research Conference, North Central Region

National FFA Organization

- National FFA Organization Development Team for LifeKnowledge Leadership Curriculum
- Co-Founder, OMEGA: Powerful Professional Growth Conference for Non-tenured Professors

National Council for Agricultural Education

- Reinventing Agricultural Education 2020 National Steering Committee
- Director, The National Council for Agricultural Education
- Member, National CASE Curriculum Advisory Committee

National FFA Alumni

- Director, National Board of Directors, The National FFA Alumni Council

North American Colleges and Teachers of Agriculture

- Committee for the Improvement of Teaching
- Program Co-chair, National Conference

Ohio Department of Education

- Selected Panelist, Praxis Series Standard-Setting Study, Educational Testing Service.
- Member, Agbioscience Sector Advisory Board.
- Reviewer, Agricultural Education Online Preliminary Framework, Ohio Assessments for Educators.

Other professional service

- Invited Key Leader, Forum on Agricultural Education: Visions for the Future. University of Illinois, Champaign-Urbana
- Invited Writer, Leadership Curriculum Development Project. National Postsecondary Agriculture Student Organization

University, College, & Department Campus Outreach and Service (SELECTED LIST RELATED TO TEACHING: SINCE 2000)

University

- *Member*, University Honors Advisory
- *Faculty Advisor*, The Ohio Staters, Inc., University-wide undergraduate student service organization, The Ohio State University
- *Faculty Cluster Facilitator*, LeaderShape Ohio State, The Ohio State University

- *Invited Participant*, Conversation to Vitalize Student Evaluation of Instruction, The Ohio State University
- *Invited Participant*, Conversation on Meaningful Recognition for Faculty Achievements
- *Co-leader*, Alternative Spring Break- Brown/Adams Counties, Office of Access
- *Invited Inaugural Mentor*, Second-year Transitional Education Program (STEP)
- *Invited Mentor*, Louis Stokes Academic Mentoring Program (LSAMP)
- *Invited Faculty Mentor/Facilitator*, OSU Leadership Collaborative
- *Invited Mentor*, OSU Young Alumni, The Ohio State University Alumni Association
- *Invited Member*, Planning Committee for University Summer Teaching Summit
- *Invited Pilot Test Reviewer*, BuckeyeLearn
- *Co-Advisor*, Romophos, Sophomore Honorary
- *Invited Reviewer*, Department of Student Activities, Office of Student Life
- *Invited Nominating Committee Member*, Board of Directors, The Ohio State University Alumni Association
- *Selected Mentor*, FIT: Foundation, Impact, Transformation. The Institute for Teaching and Learning
- *Presidential Appointee*, Council on Academic Affairs. Faculty Council (one appointed per year)
- *Invited Committee Member*, University-Level Advisory Committee, Council on Academic Affairs
- *Invited Committee Member*, University Committee on Syllabus Reconstruction, Council on Academic Affairs. Faculty Council
- *Invited Member*, American Talent Initiative

Department of Agricultural Communication, Education, and Leadership

- *Adviser*, Agricultural Education Society
- *Chair*, Undergraduate Studies Committee
- *Honors Coordinator*
- *Program Leader*, Agricultural Teacher Education
- *Coordinator*, Early Field Experience
- *Undergraduate Coordinator*
- *Chair*, Academic Affairs and Teaching Committee
- *Chair*, Teaching and Learning Self-Populated Research Interest Group (SPRIG)
- *Host*, Curriculum for Agricultural Science Education (CASE) National Curriculum Institute
- *Chair*, Academic Affairs and Teaching Committee
- *Director of Undergraduate Studies*

College

- *Chair*, Honors Committee
- *Reviewer*, Rodney F. Plimpton Outstanding Young Teacher Award
- *Reviewer*, Gamma Sigma Delta Teaching Award of Merit
- *Member*, Quarter to Semester (Q2S) Conversion Committee
- *Member*, ATI Re-envisioning Committee and re-envisioning Action Team Leader