

Gary Wingenbach, PhD

Professor and Associate Department Head for Graduate Programs
Department of Agricultural Leadership, Education, and Communications
Senior Scientist, Norman Borlaug Institute for International Agriculture
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Education

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| PhD | 1995 | Iowa State University, Agricultural Education |
| MAT | 1993 | Oregon State University, Agricultural Education |
| MAG | 1992 | Oregon State University, Agricultural and Resource Economics |
| BS | 1991 | Oregon State University, Agricultural and Resource Economics |

Experience

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| Texas A&M University | | |
| Associate Department Head for Graduate Programs | | May 2024 to present |
| Senior Scientist (Norman Borlaug Institute for International Agriculture) | | 2011 to present |
| Professor (Promoted on September 1, 2009) | | 2009 to present |
| Associate Professor (Tenured and Promoted on September 1, 2004) | | 2004-2009 |
| Assistant Professor | | 2001-2004 |
| Mississippi State University, Assistant Professor | | 1999-2001 |
| West Virginia University, Assistant Professor (Non-tenure and Tenure-track) | | 1995-1999 |

Teaching

Undergraduate: Global Agricultural Issues, Global Social Justice Issues in Agriculture, Cultural Pluralism in Agriculture, Research Methods in Social and Behavioral Sciences
Graduate: Research Methods, International Agricultural Development

Scholarship

Research agricultural education and international development; 100+ articles and >450 publications. Extramural funding (\$4.7M) from USDA, NSF, and USAID has supported 46 projects.

Recent Research: Student co-authors are noted with asterisks for graduate* and undergraduate**.

Kainer*, M. Leggette, H. R. Wingenbach, G. Chappell, T. & Palmer, K. (accepted). Sewing brand messages on social media: A content analysis of Cotton Incorporated's Instagram profile.

Journal of Applied Communications.

Parrella, J. A., Leggette, H. R., Lu, P., Wingenbach, G., Baker, M., & Murano E. (2024). Nanofood insights: A survey of U.S. consumers' attitudes toward the use of nanotechnology in food processing. *Appetite*, 201, 107613. <https://doi.org/10.1016/j.appet.2024.107613>

Wooten*, A., & Wingenbach, G. (2024). Factors influencing students' decision to engage in international education opportunities post-COVID. *NACTA Journal*, 68(1), 83-95. <https://doi.org/10.56103/nactaj.v68i1.164>

Zickafoose*, A., Ilesanmi*, O., Diaz-Manrique*, M., Adeyemi*, A. E., Walumbe*, B., Strong, R., Wingenbach, G., Rodriguez, M. T., & Dooley, K. (2024) Barriers and challenges affecting quality education (Sustainable Development Goal #4) in sub-Saharan Africa by 2030. *Sustainability*, 16(7), 2657. <https://doi.org/10.3390/su16072657>

Jordan*, S., Baker*, C., Wingenbach, G., & Landaverde, R. (2024). Land grant university participants' Eurocentric attitudes about agriculture: An ideological constraint to achieving the

- 2030 Agenda for Sustainable Development. *Sustainability*, 16(6), 2410.
<https://www.mdpi.com/2071-1050/16/6/2410> (IF: 3.90)
- Moscarelli*, M., Wingenbach, G., & Strong, R. (2023). Educator-learner homophily effect on participants' adoption of agribusiness recordkeeping practices. *Agriculture*, 13(12), 2180.
<https://doi.org/10.3390/agriculture13122180>
- Zickafoose*, A., Wingenbach, G., Baker, M., & Price, E. (2023). Youth agricultural entrepreneurship curriculum framework for Latin America and the Caribbean. *Sustainability*, 15(22), 15983. <https://doi.org/10.3390/su152215983>
- Parrella*, J. A., Leggette, H. R., Lu, P., Wingenbach, G., Baker, M., & Murano, E. (2023). Evaluating factors explaining U.S. consumers' behavioral intentions toward irradiated ground beef. *Foods*, 12(17), 3146. <https://doi.org/10.3390/foods12173146>
- Flanagan*, B., Boren-Alpizar, A., Wingenbach, G., Lawver, D., & Strong, R. (2023). Evaluating agroforestry extension workers' technical and human relation competencies: A Ranked discrepancy model needs assessment. *Sustainability*, 15(19), 14100.
<https://doi.org/10.3390/su151914100>
- Wingenbach, G., & Zickafoose*, A. (2023). Postsecondary students' social stress and learning styles. *Sustainability*, 15(16), 12540. <https://doi.org/10.3390/su151612540>
- Wingenbach, G., Koswatta, T. J., Engels, J., Freeny, J., & Haddad, S. (2023). Outcomes of professional development activities for selected Texas school personnel helping students cope with behavioral and mental health issues. *Nature Scientific Reports*, 13, 10346.
<https://doi.org/10.1038/s41598-023-37298-4>
- Zickafoose*, A., & Wingenbach, G. (2023). Incorporating field experience in international agricultural development programs. *Education Sciences*, 13(5), 456.
<https://doi.org/10.3390/educsci13050456>
- Koswatta, T. J., Wingenbach, G., & Leggette, H. (2023). Effect of information on public perception of organic foods: A case study. *British Food Journal*, 125(7), 2514-2539.
<https://doi.org/10.1108/BFJ-06-2022-0560>
- Wingenbach, G., Graham**, T., & Gomez**, N. (2023). Becoming a global citizen: Belief vs. action. *Advancements in Agricultural Development*, 4(1), 32-47.
<https://doi.org/10.37433/aad.v4i1.247>
- Koswatta, T. J., Wingenbach, G., Leggette, H., & Murphy, T. P. (2023). Factors affecting public perception of scientific information about organic foods. *British Food Journal*, 125(2), 587-607.
<https://doi.org/10.1108/BFJ-08-2021-0874>

Current Funding

- Bonaiti, G., Wingenbach, G., & Elliot, J. (2024). *A training program on biotechnology adoption and biosafety for Guatemala, El Salvador, and Honduras*. USDA-FAS, \$135,150.
- Landaverde, R., Wingenbach, G., & Wang, J. (2023-2026). *Equity in Conservation Outreach: NextGen NRCS*. USDA-NRCS Equity in Conservation Outreach Cooperative Agreements, \$697,000.
- Wingenbach, G., & Leggette, H. (2023-2027). *National REEU-ECN: The FANH scientists' network*. NIFA Research and Extension Experiences for Undergraduates (REEU) Program, \$749,608.
- Zhihong, X., Wingenbach, G., Ahn, J., & Landaverde, R. (2023). *Big data analytics and visualization skills in the FANH sciences*. Texas A&M Institute of Data Science Course Development Program, \$15,000.
- Leggette, H., Wingenbach, G., & Gastel, B. (2021-2025). *Science influencers: Communicating FANH sciences' research, education, and extension through practical experiences*. NIFA Research and Extension Experiences for Undergraduates Program, \$500,000.

Synergistic Activities

Invited Workshops: *Capacity Building for Modernizing Agriculture and Community Development*. Universidade da Paz, Dili, Timor-Leste, 2023; *Youth Agritourism Education for Rural Enterprise Development*. Colegio Agropecuario Juan Salvador Gaviota, El Dovio, Colombia, 2022; *Formal Agricultural Education and Training for Academic Success*. Adeyemi College of Education, Ondo Town, Nigeria, 2019; *Agricultural Social Science Research Methods*. Sylhet Agricultural University, Sylhet, Bangladesh, 2017, 2018

External Evaluator: *Institutional Assessment: Organizational Capacity Index*. Adeyemi College of Education, Ondo Town, Nigeria, 2019; *Nasho Irrigation Cooperative (NICO) Farmers' Cropping Preferences*. Rwandan Ministry of Agriculture and Animal Resources, 2018

Panel Manager: NIFA-Hispanic Serving Institutions Education Grants Program, 2021, 2022; AFRI-Rapid Response to Novel Coronavirus (SARS-CoVid-19) Program, 2020; NIFA-Professional Development for Agricultural Literacy National Grants Program, 2020

Associate Editor: *Frontiers in Sustainable Food Systems* (Special section: Social Movements, Institutions and Governance), 2023-present

Honors and Awards

2024 Distinguished Presentation, Association for International Agricultural and Extension Education
2022 Distinguished Poster, Association for International Agricultural and Extension Education
2019 Distinguished Achievement Award for Teaching, College-level, Texas A&M University
2018 Distinguished Achievement Award-Teaching, University-level, Texas A&M University
2017 Kenneth L. Clinton Study Abroad Award (Latin America), Texas A&M University System

Professional Memberships

Association for International Agricultural and Extension Education, 1993 to present
American Association for Agricultural Education, 1993 to present
National Association of Colleges and Teachers of Agriculture, 2000 to present
American Educational Research Association, 2017 to present
Texas Evaluation Network, 2019 to present