

Curriculum Vitae

Thomas W. Blaine, Ph.D.

May 2023

Current Position and Contact Information:

Associate Professor, Ohio State University Extension
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Education:

B.A. in Political Science, University of Kentucky, 1979

M.S. in Agricultural Marketing, University of Kentucky, 1983

Ph.D. in Natural Resource Economics, University of Kentucky, 1988

Professional Experience:

Assistant Professor, College of Agriculture and Life Sciences, Texas A&M University, 1988-1995 Teaching (55%) and Research (45%).

Assistant Professor, Ohio State University Extension, 1995-2000 – Associate Professor, 2000 - present.

Courses Taught:

Research Methods (Graduate and Undergraduate), Socio-Economic Issues in Recreation and Tourism (G and UG), Conservation of Natural Resources (UG only), Philosophy of Research (G and UG).

Selected Peer Reviewed Presentations/Organized Symposia:

Thomas W. Blaine, Presenter, 2022. “Publishing Your Work in Peer-Reviewed Journals,” presented at the Ohio State University Annual Conference: *Facing the Future Together*. Columbus, OH. December 5.

Thomas W. Blaine, Presenter, 2022. “Engaging Extension Audiences on Controversial Public Issues,” Presented at the annual meeting of the National Association of Community Development Extension Professionals (NACDEP), June 8, 2022: Indianapolis, IN.

Thomas W. Blaine, Presenter, 2019. “Keys to Publishing your Work in Peer Reviewed Journals,” presented at the Ohio State University Extension Annual Conference: *Land Grant Fierce: Meeting the Challenge*. Columbus, OH. December, 2019.

Thomas W. Blaine, Presenter, 2019. "Outreach Engagement on Controversial Public Issues," Presented at the Annual Ohio State University Community Engagement Conference "*Partnering for a Resilient and Sustainable Future*," Columbus OH. January 23, 2019.

Thomas W. Blaine, Presenter, 2018. "Engaging Extension Audiences on Controversial Public Issues," Presented at the annual meeting of the National Association of Community Development Extension Professionals (NACDEP), June 11, 2018: Cleveland, OH.

Thomas W. Blaine, 2017. "Successfully Engaging Audiences on Controversial Public Issues." Presented at 2017 Family and Consumer Sciences Conference *Engaging Ohioans: Promoting Vibrant Communities*. Columbus Airport Marriott. Columbus, Ohio, USA October.

Thomas W. Blaine, 2016, "Creating a Stand-Alone Program in Extension." Presented at Ohio State University Extension Annual Conference. Columbus, Ohio, USA December.

Thomas W. Blaine, 2015. "Publishing in Peer Reviewed Journals: a Great Way to Innovate." Presented at Ohio State University Extension Annual Conference. Columbus, Ohio USA December.

Thomas W. Blaine, 2014. "Re-inventing the Travel Cost Method to Inform Community Decision Makers on the Value of Public Access to Environmental Amenities: A Case Study Involving Shoreline Angling." Presented at NACDEP (National Association of Community Development Extension Professionals) Annual Conference. Grand Rapids, Michigan, USA June.

Thomas W. Blaine, 2013. "Publish Your Work in Peer Reviewed Journals!" Presented at Ohio State University Extension Annual Conference: *Moving Forward, Looking Back*. Columbus, Ohio, USA December.

Thomas W. Blaine, 2013. "Exploring Rural Food Deserts," Presented at Galaxy IV: *Bridging the Centuries*. Pittsburgh, Pennsylvania USA September.

Blaine, T.W., P.S. Grewal, A. Dawes and D. Snyder, 2009. "A Socio-economic Analysis of Community Gardening Participants." *Second Conference on Ecological Landscaping*. Cleveland, OH. December 2.

Blaine, T.W., 2008. "Global Climate Change: Update 2008," Ohio State University Extension Annual Conference, *Now Is Our Time*, Columbus, OH. (December 18).

Blaine, T. W., Clayton, S., Robbins, P., and Grewal, P. S. 2007. "Attitudes and practices regarding lawn chemical applications: perspectives from homeowners and lawn care professionals." *First Conference on Ecological Landscaping: from Scientific Principles to Public Practices and Policies*. Cleveland, OH. (October 28).

Hall, F., Downer, R., Ebert, T., and Blaine, T. W. 2006. "The Ohio PILOT Program on Drift Mitigation and Risk Assessment," *27th Symposium on Pesticide Formulations and Delivery Systems: Traditional and Non-traditional Developments*, Atlanta, GA. (October 27).

Blaine, T.W., W.T. Grunkemeyer, M. Moss, S. Strouse, A. Borisova-Kidder, and R.Q. Layton, 2004. "Attitudes and Experiences on Ohio's Scenic Byways," *National Extension Tourism Conference*, Kissimmee, FL. (September 29). [Paper accepted for presentation – conference cancelled due to hurricane damage to Florida].

Blaine, T. W. 2001. "Costs of Community Services: Implications for Land Use Policy and Farmland Preservation," *American Agricultural Economics Association Annual Meeting*, Chicago, IL. (August 6).

Blaine, T.W. and F.R. Lichtkoppler, 2000. "Linking Farmland Preservation Programs to Improvement in Lake Erie Water Quality: The Case of Purchase of Conservation Easements for Buffer Strips," *International Association of Great Lakes Research 43rd Conference*, Cornwall, Ontario, Canada. (May 24).

Blaine, T.W. and L.W. Libby, 1999. "Contingent Valuation Results on Public Attitudes Toward Farmland Preservation," *American Agricultural Economics Association Annual Meeting*, Nashville, TN. (August 11).

Blaine, T.W. and F.R. Lichtkoppler, 1999. "Measures of Respondents' Willingness to Pay to Improve Lake Erie Water Quality: A Comparison of Two Forms of Contingent Valuation Techniques," *International Association of Great Lakes Research 42nd Conference*, Cleveland, OH. (May 27).

Rohrer, J.D, T.W. Blaine, and S. Strouse, 1998. "Estimating the Socio-Economic Impact Of Tourism on the Amish Population: A Case Study," *Extension Education in Amish and Other Anabaptist Communities: A Conference for Extension Educators*, Shipshewana, IN. (April 24).

Selected Refereed Journal Articles:

Blaine, T. W., & Lichtkoppler, F. R. (2016). Factors Affecting Stakeholders' Willingness to Pay to Prevent the Spread of Aquatic Nuisance Species. *Journal of Extension*, 54(6), n6.

Blaine, T. W., Lichtkoppler, F. R., Bader, T. J., Hartman, T. J., & Lucente, J. E. (2015). An examination of sources of sensitivity of consumer surplus estimates in travel cost models. *Journal of Environmental Management*, 151, 427-436.

Bowen-Ellzey, N., Moss, M., & Blaine, T. W. (2015). Creating a Model for Successful Microenterprise Development (MED) Programs. *Journal of Extension*, 53(1).

Blaine, T.W, M. Moss, J. Cumming and J.W. Myers, 2013. Comprehensive Land Use Planning in Exurban Communities: A Case Study from Ohio," *Journal of Extension*, 51(5).

Blaine, T.W, S. Clayton, P. Robbins, and P.S. Grewal, 2012. "Homeowner Attitudes and Practices Towards Residential Landscape Management in Ohio, USA," *Environmental Management*, 50(2): 257-271.

Blaine, T.W, N. Bowen-Ellsey and G. Davis, 2011. "Helping Clientele Understand Elements of the Local Economy Through Input-Output Modeling," *Journal of Extension*, February: 49(1).

Blaine, T.W, P.S. Grewal, A. Dawes and D. Snyder, 2010. "Profiling Community Gardeners," *Journal of Extension*, December: 48(6).

Blaine, T.W, F.R. Hall, R.A. Downer and T. Ebert, 2008. "An Assessment of Agricultural Producers' Attitudes and Practices Concerning Pesticide Spray Drift: Implications for Extension Education," *Journal of Extension*. August: 46(4).

Blaine, T.W. and T. Smith, 2006. "From Water Quality to Riparian Corridors: Assessing Willingness to Pay for Conservation Easements Using the Contingent Valuation Method," *Journal of Extension*. April: 44(2).

Blaine, T.W, F.R. Lichtkoppler, K.R. Jones and R. Zondag, 2005. "An Assessment of Household Willingness to Pay for Curbside Recycling: A Comparison of Payment Card and Referendum Approaches," *Journal of Environmental Management*. 76(1): 15-22.

Blaine, T.W. and F. R. Lichtkoppler, 2004. "Willingness to Pay for Green Space Preservation: A Comparison of Soil and Water Conservation District Clientele and the General Public Using the Contingent Valuation Method," *Journal of Soil and Water Conservation*. 59 (5): 203-208.

Blaine, T.W, F.R. Lichtkoppler and R. Stanbro, 2003. "An Assessment of Residents' Willingness to Pay for Green Space and Farmland Preservation Conservation Easements Using the Contingent Valuation Method (CVM)," *Journal of Extension*. August: 41(4).

Blaine, T.W, L. Freppon and J. Konen, 2003. "Using Research and Planning to Develop Community Outreach: A Case Study in Helping Clientele Cope with Stress," *Journal of Extension*. June: 41(3).

Blaine, T.W, K.D. Mascarella and D.N. Davis, 2001. "An Examination of Rural Recycling Drop-off Participation," *Journal of Extension*. October: 39(5).

Patton, D.B. and T.W. Blaine, 2001. "Public Issues Education: Exploring Extension's Role," *Journal of Extension*. August: 39(4).

Nolan, J.E. and T.W. Blaine, 2001. "Rural Cooperative Housing: An Emerging Challenge for Extension Educators," *Journal of Extension*. April: 39(2).

James, R.E, B.H. James and T.W. Blaine, 2000. "Farm Growth Next to a Large City: Opportunities for Extension Education," *Journal of Extension*. October: 38(5).

Lichtkoppler, F.R, and T.W. Blaine, 1999. "Environmental Awareness and Attitudes of Ashtabula County Voters Concerning the Ashtabula River Area of Concern," *Journal of Great Lakes Research*. 25(3): 500-514.

Blaine, T.W, S. Hudkins, and C.R. Taylor, 1999. "Taking R&E to the Next Level," *Journal of Extension*. December: 37(6).

Hudkins, S. and T.W. Blaine, 1999. "A Research Based Approach to the Development of Educational Programs for Extension Clientele: A Case Study on Land Use Issues in Ohio," *Journal of Extension*. August: 37(4).

Selected Miscellaneous Peer or Editor Reviewed Publications:

Blaine, T.W, 2005. "Applied Extension Research in an Era of Devolution," *Journal of Extension*. April: 43(2).

Blaine, T.W. and D.B. Patton, 2000. "Value-Free Extension Education?" *Journal of Extension*. October: 38(5).

Blaine, T.W, 1997. "The Land Use Issue in Ohio," *Ohio's Challenge*. Columbus: Department of Agricultural, Environmental and Development Economics. Fall: 4-7.

Selected Peer Reviewed Poster Sessions:

Blaine, T.W. and F.R. Lichtkoppler, 2007. "Contingent Valuation Method (CVM) and Extension Outreach," Ohio State University Extension Annual Conference: Our Future is Now, Newark, OH. (December 12-13).

Blaine, T.W. 2006. "Applied Extension Research in an Era of Devolution," National Association of Community Development Economic Professionals, San Antonio, TX (Feb 13-16).

Selected Peer Reviewed OSU Extension Publications:

T.W. Blaine, "Global Climate Change: Update 2020," OSU Extension Fact Sheet. Available on-line at <https://ohioline.osu.edu/factsheet/cdfs-203>

T.W, Blaine and C. Landis, 2008. "Global Climate Change," OSU Extension 4-H Idea Starter 365.14, December. Available on-line at https://www.ohio4h.org/sites/ohio4h/files/d6/files/publications/documents/SelfDetermined/365_14_Climate_Change_2015.pdf

Selected Invited National and International Presentations:

Thomas W. Blaine, 2023. “Climate Change Comes to Idaho,” Presented by Zoom to Teton Farm and Food Coalition, Jennifer Werlin, Idaho Extension, host, February 22nd.

Thomas W. Blaine, 2022. “Engaging Extension Audiences on Controversial Public Issues,” Presented via Zoom to National Association of Community Development Extension Professionals North Central Regional Meeting, April 7th.

Thomas W. Blaine, 2021. “OSU Extension Outreach on Global Warming/Climate Change,” Presented via ZOOM to NACDEP Land Use Community of Practice Board, September 16th.

Thomas W. Blaine, 2021. “Climate Change is Coming to the Show-Me State,” Presented via ZOOM to University of Missouri Extension, Amy Patillo, host, Feb 2nd. (160 live viewers).

Thomas W. Blaine, Presenter. “Overview: Global Climate Change Update 2018,” Presented in webinar *Community and Land Use Impacts from Climate Change*, June 7, 2018. Webinar available on-line at <https://www.youtube.com/watch?v=7nGoOJ9rL4M&feature=youtu.be>

T.W. Blaine, 2008. “Global Climate Change: Update 2008.” Ukrainian National Economics Institute, Kiev, Ukraine. June 4.

T.W. Blaine, 2008. “An Assessment of Household Willingness to Pay for Curbside Recycling: A Comparison of Payment Card and Referendum Approaches.” Ukrainian National Economics Institute, Kiev, Ukraine. June 2.

T.W. Blaine, 2007. “Global Climate Change: Update 2007” Escola Superior de Agricultura Luiz Querros, University of Sao Paulo, Piracicaba, Brazil. September 15.

T.W. Blaine, 2007. “Global Climate Change: Update 2007” USS Ronald Reagan (CVN 76) Underway/Pacific Ocean, April 19.

T.W. Blaine, 2006. “An Assessment of Household Willingness to Pay for Curbside Recycling: A Comparison of Payment Card and Referendum Approaches.” Escola Superior de Agricultura Luiz Querros, University of Sao Paulo, Piracicaba, Brazil. August 6.

Selected Statewide Invited/Miscellaneous Presentations:

T.W. Blaine, 2023. “Conducting Extension Outreach on Controversial Topics: Part 2, Following Up,” Presented to OSU Extension peers via Zoom, Brian Raison, Host (March 7) https://osu.zoom.us/rec/share/0rcfbFpt87dPXHVWJ9mSPQ8z4M-djSIP0tgrYVxpWeMo1xaTnVGI2uB4mi5cmA0.Y0ZX34Avlhx_KKVt?startTime=1678212407000

T.W. Blaine, 2023. "Conducting Extension Outreach on Controversial Topics: Part 1, Getting Started," Presented to OSU Extension peers via Zoom, Brian Raison, Host (February 28)

https://osu.zoom.us/rec/share/GCbx0HUUZo_IEYsPQ9bpvhATX87e0iQjYTluaV-7B7J2HPWqiRYIJC5KPY9-7VV90.CzVSV9Av7tMtt_S3

T.W. Blaine, 2022. "Publishing Your Extension Work: Part 2. Following up for Publishing Success," Presented to OSU Extension peers via Zoom, Brian Raison, Host (November 17)

https://osu.zoom.us/rec/share/-7um8gB0w6EWh5t2IBbK0K6CaNkRKNC0NvJ7nF_4bYkjTH-kuj6qjxtXj0IXg0eN.1iSV-ZphIMyDWfeb

T.W. Blaine, 2022. "Publishing Your Extension Work: Part 1. Getting Started," Presented to OSU Extension peers via Zoom, Brian Raison, Host (November 15)

https://osu.zoom.us/rec/share/pIEM7wgHEIBGW2cfJc2kfMPy6uNC5o4GKNgp_j8l8Yi4vPIald5TRVX1atNGtrEf.yLcncIlg7xJzVixeD

T.W. Blaine, 2021. "Addressing Controversial Issues: GMO's, Pesticides and Climate Change," Presented at OSU Extension Happy Hour Webinar Series for Master Gardeners (January 13).

T.W. Blaine, 2020. "Addressing Controversial Issues with your Extension Clientele," Presented at Pesticide Inservice for OSU Extension Educators via Zoom (December 15).

T.W. Blaine, 2015. "Climate Change: Outlook for Ohio to 2050," Presented at Ohio State University Administrative Cabinet, 4-H Center, Columbus, Ohio, USA, (April 9).

T.W. Blaine, 2013. "Exploring Rural Food Deserts," Ohio State University College of Food, Agricultural and Environmental Sciences: Diversity, Community, Unity Speaker Series. Hosted by Kathy Lechman. (January 22).

T.W. Blaine, 2010. "Global Climate Change: Update 2010." Presented at Ohio State University Extension Administrative Cabinet, 4-H Center, Columbus, Ohio, USA, (November 10).

T.W. Blaine, 2009. "Climate Change: Outlook for Ohio to 2050," Ohio State University Webinar. Brent Sohngen (Host) AEDE: Climate Change and Ohio's Economy: Implications of Cap and Trade for Ohioans. (October 15).

<https://www.youtube.com/watch?v=cWXvOYTHcN8&t=163s>

T.W. Blaine, 2009. "Climate Change in Ohio: Outlook to 2050," Annual Meeting of the Ohio Christmas Tree Growers' Association. Kottman Hall, OSU: Columbus, OH. (January 17).

T.W. Blaine, 2008. Keynote Address: "Global Climate Change: Update 2008," Water Management Association of Ohio Annual Meeting. Ramada Inn: Columbus. OH. (November 12).

T.W. Blaine, 2008. "Global Climate Change: Update 2008," Ohio Certified Volunteer Naturalist Conference, Butler, OH (February 23).

Selected Curriculum Development:

2021-23 YouTube Curriculum Earth is Our Home

<https://www.youtube.com/playlist?list=PL-NSWPUhldRQuQSpSneL4hcG1BkDN17YY>

EARTH IS OUR HOME

The development of the video series Earth is Our home, featuring dozens of You Tube videos made from 2021 to 2023, constitutes the most thorough development of a curriculum in Extension. This series is so thorough and extensive it covers every major aspect of the topic of climate change/global warming conceivable, and occasionally examines other potentially global threats and topics such as the war in Ukraine, due to my military background, understanding of Realpolitik, extensive travel in the former Soviet Union and knowledge of the Russian language. The main purpose of the series overall is to examine existential threats to life on earth, human life in particular, but also to get a better general understanding of Earth as well.

The development of this curriculum follows a quarter century of my involvement on climate change with OSU Extension. I published my first fact sheet on the topic in 1996. That fact sheet is here: <https://ohioline.osu.edu/factsheet/cdfs-186>

It is extremely rare to have a fact sheet stay on line for over 25 years, but then again, this is an extraordinary fact sheet, winning praise for many years from colleagues, peers, administrators and others for its clarity. However, the fact sheet was terse. So I wrote a more extensive version in 2015, updated it in 2020, and linked it to the 1996 original. The 2020 version is here <https://ohioline.osu.edu/factsheet/cdfs-203>

Over the years I gained a statewide, national and international reputation for explaining the complicated science of climate change so that average people could understand all its aspects. I made presentations at the county level throughout Ohio, including at OSU, the Byrd Polar Research Center where some of the greatest scholars in the world on climate change work. I also shared the stage with some of these colleagues in webinars and at Annual Conference. I made presentations in Brazil at the University of Sao Paulo, in Ukraine at the National Economics Institute, and to the US Navy while underway at sea returning from surge deployment on the aircraft carrier USS Ronald Reagan.

The year 2021 finally gave me a chance to put all my knowledge together to develop a formal series with a fact and science filled curriculum on climate change. I address the history of Earth's temperature changes over the entire phanerozoic eon, the proximate causes of these temperature changes, and how they have affected life on earth. I have extensively explained the causes and consequences of the ice ages. I have developed and taught curricula on how Earth's climate system functions, including prevailing winds,

high and low pressure systems. El Nino and the Southern Oscillation, ocean currents and gyres, hurricanes, the trade winds, the jet stream, the Coriolis effect, and microclimates. I have explained the roles of the polar regions in serving as the Earth's air conditioners and why they have failed at various times in the past, leading to runaway warming. I have given a history of the first scientists in the 19th century to begin to investigate the consequences for putting CO₂ in the environment by burning fossil fuels. I have discussed plausible scenarios for future temperature changes based on various trajectories in CO₂ emissions and concentrations. I have made the case for and against the use of renewables for avoiding climate catastrophe. I have left no stone unturned in developing and implementing this curriculum. The series will continue indefinitely.

Highlights of the 2022 programs include two three-part series: on the war in Ukraine, and the other on how La Nina has been the strongest on record over the past few years and much stronger than expected throughout the 21st century so far. The series on the war in Ukraine explores the historical reasons leading to the war, and emphasizes the existential threat of nuclear war, which has been made more likely than at any time since the Cuban missile crisis. The emphasis of the series on La Nina focuses on an explanation as to why recent global temperatures have been running below trend. The program includes a warning that despite the La Nina, temperatures have continued to rise and that when El Nino returns, which it inevitably will, temperatures are likely to rise fairly quickly to new records, and to levels not seen in the past several million years.

In February 2023, we began our third season. In addition to previous topics, much of this year's programming focuses on the upcoming total eclipse of April 8, 2024, which will stretch from the equatorial Pacific to the North Atlantic and be visible in over half of Ohio counties. Every county in Ohio will experience a partial eclipse of 95% or more. This is a very timely topic for the series, especially given my experience with the 2017 total eclipse.

Selected County Presentations in Ohio since 2018:

Jackson County: Global Warming and its Effects on Agriculture. The Ohio State University, OSUE-Community Development. Nov 21, 2022. (Continuing Education). 100%. Created Program, made slides and delivered presentation. Jackson County Farmer's Club. Host: Extension Educator Josh Winters. Evaluation Type EEET's. Approximate audience 15.

Ashtabula County: Does Climate Change Exist? The Ohio State University, OSUE-Community Development. Nov 19, 2020. Electronic presentation via Zoom. (Continuing Education). 100%. Created program, conducted literature review, made slides and delivered presentation. Ashtabula County Extension. Hosts: Extension Educator Andrew Holden and Program Assistant Julie Wayman. Evaluation Type: Electronic EEET's. Approximate audience 37.

Global Climate Change: Update 2020. The Ohio State University, OSUE-Community Development. Nov 18, 2020. Electronic presentation via Zoom. (Continuing Education). 100%. Created program, conducted literature review, made slides

and delivered presentation. Montgomery County Extension. Host: Extension Educator Suzanne Mills-Wasniak. Evaluation Type: Electronic EEET's Approximate audience 44.

Global Climate Change: Update 2020. The Ohio State University, OSUE-Community Development. Nov 17, 2020. Electronic presentation via Zoom. (Continuing Education). 100%. Created program, conducted literature review, made slides and delivered presentation. Auglaize County Extension. Host: Extension Educator Brigitte Money maker. Evaluation Type: Electronic EEET's Approximate audience 10.

Global Climate Change – How Does it Affect Me? What About My Garden? The Ohio State University, OSUE- Community Development. Oct 12, 2020. Electronic presentation via Zoom. (Continuing Education). 100%. Created program, conducted literature review, made slides and delivered presentation. Host: J.T. Benitez, Butler County Extension. Evaluation Type: Electronic EEET's. Approximate audience 16.

Global Climate Change: Update 2020. The Ohio State University, OSUE-Community Development. Aug 11, 2020. Electronic presentation via Zoom. (Continuing Education). 100%. Created program, conducted literature review, made slides and delivered presentation. Canton, OH, Stark County Extension. Teaching evaluations collected by Extension Educator Heather Niekirk. Approximate audience 60.

Global Climate Change: How Does it Affect You? The Ohio State University, OSUE-Community Development. Nov 13, 2019. (Continuing Education). 100%. Created program, conducted literature review, made slides and delivered presentation. Xenia, OH, Greene County Extension. EEET's collected by Extension Educator Trevor Corboy. Approximate audience 50.

Madison County Land Use Survey Results. The Ohio State University, OSUE-Community Development. August 28, 2019. (Continuing Education). 100%. Contributed to survey design, ran all statistical analyses, and authored executive summary of results. Hosts: Julia Cumming, Madison County Soil and Water Conservation and Mary Griffith, Extension Educator, Madison County. Approximate Audience 15.

Global Climate Change: Update 2019. The Ohio State University, OSUE-Community Development. August 26, 2019 (Continuing Education).100% Created program, conducted literature review, made slides and delivered presentation. Waverly, OH, Pike County Extension. EEET's collected by Julie Evans, Pike County Extension, Host: Tammy Jones, Extension Educator, Pike County. Approximate audience 15.

Global Climate Change: Update 2019. The Ohio State University, OSUE-Community Development. August 20, 2019 (Continuing Education).100% Created program, conducted literature review, made slides and delivered presentation.

Marion Rotary Club Luncheon, Marion OH. OSU Extension Host: Myra Wilson, Program Director, Alber Enterprise Center. Approximate audience 80.

Astronomy. Germinate International Film Fest. The Ohio State University, OSUE-Community Development. August 17, 2019 (Continuing Education). 100%

Created program and gave presentation under a clear sky, describing and showing planets Jupiter and Saturn, as well as key stars and constellations. Highland County, OH. Host: Brooke Beam, Highland County Extension Educator. Approximate audience 15

Global Climate Change: Update 2019. The Ohio State University, OSUE-Community Development. April 25, 2019 (Continuing Education).100%

Created program, conducted literature review, made slides and delivered presentation. Hillsboro, OH, Highland County Extension. EEET's collected by Brooke Beam, Highland County Extension Educator. Approximate audience 15.

Global Climate Change: How Does it Affect You? The Ohio State University, OSUE-Community Development. Nov 29, 2018 (Continuing Education). 100%.

Created program, conducted literature review, made slides and delivered presentation. Coshocton, OH, Coshocton County Extension. Evaluations conducted by Extension Educator David Marrison. Approximate audience 25.

Global Climate Change: Update 2018. The Ohio State University, OSUE-Community Development. Nov 13, 2018 (Continuing Education).100%

Created program, conducted literature review, made slides and delivered presentation. Georgetown, OH Brown County Extension. EEET's Group Form 2 collected by Extension Educator James Edwards. Approximate audience 30.

Selected Grants:

(2023). Environmental Protection Agency Region 5, Thriving Communities Technical Assistance Centers (TCTAC). Project begins June 1. Budget is 4% in year 1, and 8% in years 2 and 3 – total amount of funding is forthcoming.

(2012). Lake Erie Shoreline Creel Economic Impact Study, J. Lucente Principal Investigator (\$15 K).

(2007). Genetic Resources for Grafted Vegetable Production, D. Francis, M. Kleinhenz, S. Miller and T. Blaine (\$50K).

(2006). Assessment and Optimization of Pest Management Practices Used on Ornamentals in Ohio, L. Canas, D. Herms, and T. Blaine (\$20K).

(2006). The Ohio Pilot Program: A Farm Based Assessment for Pesticide Drift Potential and Opportunities for Drift Mitigation, F. Hall, R. Downer, and T. Blaine (\$47K).

Journal Reviewer:

Journal of Extension, 2007 – 2013, 2014 - present

Environmental Management, 2008 - 2010

Journal of Environmental Management, 2005 – 2009, 2016 - 2019

Landscape and Urban Planning, 2012 – 2016

Applied Geography, 2013 – 2015

Environments, 2018 - present

Sustainability, 2018 - present

Water, 2018 - present

International Journal of Environmental Research and Public Health, 2019 - present

Journal of the Community Development Society, 2020 – present

Ecology and Society, 2020 – present

Journal of the Air & Waste Management Association, 2021 – present

Forests, 2022 – present

Dara, 2021 – present

Entropy, 2022 – present

Urban Science, 2023 - present

Editorship:

Editor, National Association of Community Development Extension Professionals (NACDEP) newsletter, published quarterly: 2011- present.

In 2023, I was awarded NACDEP's Distinguished Service Award for my long-standing service to the organization as newsletter editor, see awards section below for details.

Miscellaneous Awards

Individual Awards

2023, Distinguished Service Award: North Central Regional Winner, National Association of Community Development Extension Professionals (NACDEP), received May 3rd

Team Awards

2020, 1st Place North Central Regional, Innovation and Creativity: Team, North Central Regional NACDEP

2020, 1st Place Ohio NACDEP, Innovation and Creativity: Team, Ohio NACDEP

2018, National Runner Up NACDEP Creativity and Innovation Award (Team) - Raising Awareness and Expanding Our Reach Using a Weekly Blog, National Association of Community Development Extension Professionals (NACDEP)