Daniel Tobin

Assistant Professor
Department of Community Development and Applied Economics
College of Agriculture and Life Sciences
University of Vermont
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EDUCATION

2014 **Ph.D.**, Dual-title in Agricultural and Extension Education and International Agriculture and Development, The Pennsylvania State University
2011 **M.S.**, Agricultural and Extension Education, The Pennsylvania State University
2004 **B.A. Magna Cum Laude**, Religion, Bowdoin College

EXPERIENCE

2023-present **Associate Professor,** Community Development and Applied Economics, University of Vermont
2020-present **Faculty Fellow,** Gund Institute for the Environment, University of Vermont
2018-2023 **Assistant Professor,** Community Development and Applied Economics, University of Vermont
2018-present **Graduate Faculty**, Food Systems, University of Vermont
2016-2017 **Research Associate,** College of Agricultural Sciences, The Pennsylvania State University
2016-2017 **Affiliate and Graduate Faculty,** Department of Agricultural Economics, Sociology, and Education, College of Agricultural Sciences, The Pennsylvania State University
2015-2016 **Instructor,** College of Agricultural Sciences, The Pennsylvania State University
2014-2015 **Postdoctoral Research Scholar,** USDA Northeast Climate Hub, Office of Research and Graduate Education, Office of Research and Graduate Education, College of Agricultural Sciences, The Pennsylvania State University

PUBLICATIONS

Refereed articles

*Denotes graduate student author, +Denotes undergraduate student author

Curtin, H.+, Reynolds, T.W., & Tobin, D. (2024). Gender, Access to Agricultural Extension, and Seed Sourcing among Small-scale Farmers in Uganda. *Journal of International Agricultural and Extension Education, 31*(1): 109-126.

Monroy-Sais, A.S., Tobin, D., Bellon, M.R., Astier, M., Cibrián-Jaramillio, A., Gálvez-Reyes, N., Mastretta-Yanes, A., Ruiz-Arocho, J., Wegier, A., & Chen, Y.H. (2024). Smallholders farmers' diverse values in maize landrace conservation: A case study from Chiapas, Mexico. *Journal of Rural Studies*, *110*: 103347.

Wiltshire, S., Beckage, B., Callahan, C., Chase, L., Conner, D., Darby, H., Kolodinsky, J., Kraft, J., Neher, D.A., Poleman, W., Ricketts, T., Tobin, D., von Wettberg, E.J.B., &

Niles, M.T. Regional food system sustainability: Using team science to develop an indicator-based assessment framework. *Journal of Agriculture, Food Systems, and Community Development, 14*(1): 1-24.

Isbell, C.*, Tobin, D., Thiede, B.C., Jones, K., & Reynolds, T. (2024). The association between crop diversity and children's dietary diversity: Multi-scalar and cross-national comparisons. *Food Security, 16*: 883-897.

Mastretta-Yanes, A., Tobin, D., Bellon, M.R., von Wettberg, E., Cibrián-Jaramillo, Wegier, A., Monroy-Sais, A.S., Gálvez-Reyes, N., Ruiz-Arocho, J., & Chen, Y.H. (2024). Human management of ongoing evolutionary processes in agroecosystems. *Plants, People, Planet, 6*(6): 1190-1206.

Isbell, C.*, Tobin, D., Mares, T., & Jones, K. (2024). Seed commodification and contestation in US farmer seed systems. *Renewable Agriculture and Food Systems, 39*: e26.

Mulugeta, M.*, Tobin, D., & Isbell, C.* (2024). Promoting organic seed systems: Recommendations for Extension partnerships in Northeast organic seed systems. *Journal of Extension, 62*(1).

Morrissey, K.$^{+}$,Tobin, D., & Reynolds, T., & Isbell, C.* (2024). Market engagement, crop diversity, dietary diversity, and food security: Evidence from small-scale agricultural households in Uganda. *Food Security, 16*: 133-147.

Curtin, I.J.$^{+}$, Tobin, D., & Reynolds, T. (2024). Do wealth and market access explain inconsistent relationships between crop diversity and dietary diversity? Evidence from 10 sub-Saharan African countries. *Sustainability*, *16*(3): 1040.

Isbell, C.*, Tobin, D., Jones, K., & Reynolds, T. (2023). Enhancing resilience through seed system plurality and diversity: challenges and barriers to seed sourcing during (and in spite of) a global pandemic. *Agriculture and Human Values, 40*, 1399-1418.

Tobin, D. (2022). Towards quantifying relational values: crop diversity and the relational and instrumental values of seed growers in Vermont. *Agriculture and Human Values, 40*: 1137-1152.

Ament, J., Tobin, D., Merill, S.C., Morgan, C., Morse, C., Liu, T.*, & Trubek, C. (2022). From Polanyi to Policy: A tool for measuring embeddedness and designing sustainable agricultural policies. *Frontiers in Sustainable Food Systems, 6:* 983016.

Guo, J.*, Tobin, D., & Mares, T. (2022). Bhutanese-Nepali refugee gardeners and their seed systems: Placemaking and foodways in Vermont. *Journal of Agriculture, Food Systems, and Community Development*, 11(3): 197-210.

Tobin, D., & Castellanos, P. (2022). Decision-making, participation, and labor in native potato value chains: Exploring gendered differences in the Peruvian highlands. *Development in Practice,* 32(4): 492-502.

Isbell, C.*, Tobin, D., & Reynolds. T.W. (2021) Motivations for Maintaining Crop Diversity: Evidence from Vermont's Seed Systems. *Ecological Economics*, 189: 107138.

Jones, K., Tobin, D., Ristino, L., Isbell, C.*, & Jacobs, J. (2021). The role of crop insurance in shaping production trends and environmental outcomes in the US agri-food system. In A.B. Hoflund, J.C. Jones, & M.C. Pautz (Eds.), *Food policy and politics: The role of the administrative state in the U.S. food system.* Lanham: Lexington Books.

Kolodinsky, J., & Tobin, D. (2020). Teaching about diversity and racism in food systems: An example for Agricultural Economics and related departments. *Applied Economics Teaching Resources, 2*(6).

Tobin, D., Belarmino, E.H., & Kolodinsky, J. (2020). Introduction to the special issue: More than value$ in the food system. *Journal of Agriculture, Food Systems, and Community Development, 9*(4).

Reynolds, T.W., Tobin, D., Otieno, G., McCracken, A.C.*, & Guo, J.* (2020). Differences in crop selection, resource constraints, and crop use values among female- and male-headed smallholder households in Kenya, Tanzania, and Uganda. *Journal of Agriculture, Food Systems, and Community Development, 9*(4), 65-92.

Tobin, D., Jones, K., & Thiede, B.C. (2019). Does crop diversity at the village level influence child nutrition security? Evidence from 11 Sub-Saharan African countries. *Population and Environment, 41*(2), 74-97.

Thorn, K.*, Radhakrishna, R., & Tobin, D. (2019). Pennsylvania agricultural producers' observations of changing environmental conditions: Implications for research and extension. *Journal of Extension, 57*(4), 4RIB3.

Radhakrishna, R., Chaudhary, A.K., & Tobin, D. (2019). Linking Extension program design with evaluation design for improved evaluation. *Journal of Extension, 57*(4), 4TOT1.

Tobin, D., & Glenna, L. (2019). Value chain development and the agrarian question: Actor perspectives on native potato production in the highlands of Peru. *Rural Sociology*, *84*(3), 541-568.

Jones, K., & Tobin, D. (2018). Reciprocity, redistribution and relational values: Organizing and motivating sustainable agriculture. *Current Opinion in Environmental Sustainability*, *35*, 69-74.

Tobin, D., Bates, R., Brennan, M., & Gill, T. (2018). Peru potato potential: Value chain development and biodiversity conservation. *Renewable Agriculture and Food Systems*, *33*(1), 19-32.

Glenna, L., & Tobin, D. (2018). Science, technology, and agriculture. In M. Hatanaki & J. Konefal (Eds.), *Twenty lessons in the sociology of food and agriculture.* Oxford University Press.

Chiles, R.M., Fabian, E.E., Tobin, D., Colby, S.J., & DePue, S.M (2018). Greenhouse gas emissions from agriculture: Reconciling the epistemological, ethical, political, and practical challenges. *Journal of Agricultural and Environmental Ethics, 31*(3), 341-348.

Lane, D., Chatrchyan, A., Tobin, D., Thorn, K.*, Allred, S., & Radhakrishna, R. (2018). Climate change and agriculture in New York and Pennsylvania: Risk perceptions, vulnerability and adaptation among farmers. *Renewable Agriculture and Food Systems, 33*(3), 197-205.

Thorn, K.*, Tobin, D., Radhakrishna, R., Chatrchyan, A., Chan, J., & Allred, S. (2017). Usefulness of delivery methods for climate change programming: Perspectives of extension and research faculty. *Journal of Extension, 55*(5).

Tobin, D., Radhakrishna, R., Chatrchyan, A.M., Allred, S.B., & Chan, J. (2017). Addressing climate change impacts on agriculture and natural resources: Barriers and priorities for land-grant universities in the Northeastern U.S. *Weather, Climate and Society, 9*(3), 591-606.

Jones, K., Tobin, D., & Bloom, J.D. (2017). Double movement in hybrid governance:

Contestations in market-oriented agricultural development. *Sociology of Development, 3*(2), 95-115.

Chatrchyan, A.M., Erlebacher, R.C., Chaopricha, N.T., Chan, J., Tobin, D., & Allred, S.B. (2017). United States agricultural stakeholder views and decisions on climate change. *WIREs Climate Change, 8*(5), e469.

Tobin, D, Glenna, L., & Devaux. A. (2016). Pro-poor? Inclusion and exclusion in native potato value chains in the central highlands of Peru. *Journal of Rural Studies*, *46,* 71-80.

Tobin, D., Brennan, M., & Radhakrishna, R. (2016). Food access and pro-poor value chains: A community case study in the central highlands of Peru. *Agriculture and Human Values, 33*, 895-909.

Nayak, R., Tobin, D., Thomson, J., Radhakrishna, R., & LaBorde, L. (2015). Evaluation of on-farm food safety programming in Pennsylvania: Implications for Extension. *Journal of Extension*, *53*(1). Accessed at http://www.joe.org/joe/2015february/a9.php.

Tobin, D., Thomson, J., LaBorde, L., & Radhakrishna, R. (2013). Factors affecting growers' on-farm food safety practices: Evaluation findings from Penn State Extension programming. *Food Control, 33*(1), 73-80.

Tobin, D., Thomson, J., Radhakrishna, R., & LaBorde, L. (2012). Mixed-mode surveys: A strategy to reduce costs and enhance response rates. *Journal of Extension, 50*(6).

Radhakrishna, R., Tobin, D., Brennan, M., & Thomson, J. (2012). Ensuring data quality in extension research and evaluation studies. *Journal of Extension, 50*(3).

Tobin, D., Thomson, J., & LaBorde, L. (2012). Consumer perceptions of produce safety: A study of Pennsylvania. *Food Control, 26*(2), 305-312.

Tobin, D., Bruening, T., Brennan, M., & Olson, B. (2012). Agricultural extension and agrarian reform: Findings from an exploratory case study in Limpopo Province, South Africa. *Journal of International Agricultural and Extension Education, 19*(2).

Tobin, D., Thomson, J., LaBorde, L., & Bagdonis, J. (2011). Developing GAP training for growers: Perspectives from Pennsylvania supermarkets. *Journal of Extension, 49*(5).

Reports and other publications

Burke, S.,*, Fischer, C.,*, Isbell, C., Anderson, K., Bowlding, K., Banks, C.R., Yamashita, A., Adeeb, B., Bishop von Wettberg, E., & Tobin, D. (2024). Market opportunities for culturally meaningful seed and food. University of Vermont. https://scholarworks.uvm.edu/calsfac/206.

Mulugeta, M.*, Tobin, D., & Isbell, C.* (2022). 2021 Needs assessment findings: Northeast Organic Seed System. University of Vermont. https://scholarworks.uvm.edu/cgi/viewcontent.cgi?article=1023&context=fsmpr.

Brooks, A.*, Isbell, C.*, Tobin, D., Reynolds, T., von Wettberg, E., Conner, D., & Wolfe, E.+ (2022). Seeds of resilience: Learning from COVID-19 to strengthen seed systems in Vermont. University of Vermont Food Systems Research Center. https://scholarworks.uvm.edu/calsfac/190/.

Ament, J., Tobin, D., Merrill, S., Morgan, C., Morse, Liu, T.*, & Trubek, A. (2021). Operationalizing embeddedness for sustainability in local and regional food system. USDA Agricultural Research Service (ARS) Center.

https://scholarworks.uvm.edu/arsfoodsystems/6.

Chase, L., Galford, G.L., Kolodinsky, J., Tobin, D., von Wettberg, E., Kelsey, A., Baxley, S.*; Brittain, C.*; & Taylor, J*. (2021). The farm-community nexus: Metrics for social, economic, and environmental sustainability of agritourism and direct farm sales in Vermont. USDA Agricultural Research Service (ARS) Center. https://scholarworks.uvm.edu/arsfoodsystems/3.

Baxley, S.*, Isbell, C.* & Tobin D. (2020). Vermont seed saver and producer survey: 2020 summary report. Consortium for Crop Genetic Heritage at the University of Vermont.

Tobin, D., Lane, E., & Hoover, R. (2016, January, February). Climate change and agriculture in the Northeast: Teamwork, responses, and results. *Passages*, 118, 10-13. Retrieved from https://www.pasafarming.org/files/newsletter-archives/january-february-2016/at_download/file.

Tobin, D., Radhakrishna, R., Chatrchyan, A., Chan, J., & Allred, S. (2015). *Climate Change Capacity Discovery: Current Activities and Future Priorities at Land-grant Universities in the Northeast.* Research report prepared for USDA Northeast Climate Hub, 31 pp.

Tobin, D., Janowiak, M.., Hollinger, D., Skinner, R.H., Swanston, C., Steele, R., Radhakrishna, R., Chatrchyan, A., Hickman, D., Bochicchio, J., Hall, W., Cole, M., Hestvik, S., Gibson, D., Kleinman, P., Knight, L. Kochian, L. Rustad, L., Lane, E., Niedzielski, J., & Hlubik, P. (2015). *Northeast Regional Climate Hub Assessment of Climate Change Vulnerability and Adaptation and Mitigation Strategies,* T. Anderson, Eds., United States Department of Agriculture. https://www.climatehubs.usda.gov/content/northeast-and-northern-forests-regional-climate-hub-assessment-climate-change-vulnerability.

GRANTS and AWARDS

Grants

2023-2026 Ament, J. (PI), Tobin, D. (co-PI), & Leslie, I. (co-PI). Social Values, Identity, and Sustainability Outcomes: Measuring Social Processes in Agriculture. UVM Food Systems Research Center ($580,596).

2024-2024 Tobin, D., (PI), & Hart, J. (co-PI). Participatory pre-breeding of culturally significant crops, Sorghum and Mungbean. Institute for Agroecology, University of Vermont. ($13,898).

2022-2024 Tobin, D. (PI), & Bishop-von Wettberg, E. (co-PI). Culturally Meaningful, Regionally Adapted Seed: Making the Ujamaa Cooperative Farmers Alliance Market Ready. Northeast Sustainable Agriculture Research and Education (NESARE) Novel Approaches to Research, USDA ($199,952).

2022-2024 Von Wettberg, E. (PI), Kraft, J. (co-PI), Darby, H. (co-PI), & Tobin, D. (co-PI). Assessing Genotype X Environment X Management interactions on the nutritional composition of culturally significant beans of the Northeastern US. UVM Food Systems Research Center. ($124,985).

2022-2024 von Wettberg, E. (PI), Keller, S. (co-PI), Butnor, J. (co-PI), Heleba, D. (co-PI), Tobin, D. (co-PI), & Reynolds T. (co-PI). Dual-use Vegetable peas as an overwintering vegetable and cover crop for soil health. Specialty Crop Block Grant, Vermont Agency of Agriculture, Food, and Markets ($39,000).

2022-2023 Tobin, D., (PI), & Trubek, A. (co-PI). Operationalizing Embeddedness for Sustainability in Local and Regional Food Systems. UVM Food Systems

Research Center ($49,415).

2022-2023 Reynolds T., (PI), Galford, G. (co-PI), Canella, M. (co-PI), von Wettberg, E. (co-PI), & Tobin, D. (co-PI). Sustainability metrics for upstream input value chains on small- and medium-scale farms in Vermont. UVM Food Systems Research Center ($49,941).

2021-2022 Tobin, D., (PI), & Belarmino, E. (co-PI). Crop Diversity and Food and Nutrition Security Outcomes across Spatial Scales in Sub-Saharan Africa. Gund Institute for the Environment, University of Vermont ($48,488).

2021-2022 Tobin, D. (PI), & von Wettberg, E. (co-PI). Seed Saving Workshops in Vermont's Seed Libraries: Building Resilience in Local Food Systems and Enhancing Community Capacity. City Market Seedling Grants ($5,431).

2020-2023 Reynolds, T.W. (PI), & Tobin, D. (co-PI). REU Site: Big Data, Smallholders: Undergraduate Research into Geographic, Socio-economic, and Cultural Factors Shaping Crop Diversity and Livelihood Outcomes in East Africa. NSF Research Experiences for Undergraduates ($474,890).

2020-2021 Trubek, A. (PI), Tobin, D. (co-PI), Morse, C. (co-PI), Merrill, S. (co-PI), Morgan, C. (co-PI), Liu, T. (co-PI). Embeddedness, Regional Food Systems, and Measures of Social Sustainability. UVM-ARS ($41,124).

2020-2021 Chase, L.C. (PI), Galford, G. (co-PI), Kolodinsky, J. (co-PI), Tobin, D. (co-PI), & von Wettberg, E. (co-PI). The Farm-Community Nexus: Metrics for Socioeconomic and Ecosystems Sustainability of Agritourism and Direct Farm Sales in Vermont. UVM-ARS ($69,845)

2020-2021 Tobin, D. (PI), Reynolds, T.W. (co-PI), von Wettberg, E. (co-PI), & Conner, D. (co-PI). Seeds of Resilience: Learning from Covid-19 to Strengthen Seed Systems in Vermont. UVM-ARS ($20,000).

2020-2021 Tobin, D. (PI), von Wettberg, E. (co-PI), & Reynolds, T.W. (co-PI). Northeast Organic Seed Conference: Strengthening the Regional Organic Seed Sector. USDA NIFA ($49,974).

2019-2022 Tobin, D. (PI). Characterizing and strengthening alternative seed systems in Vermont. USDA Hatch. ($59,975).

2019-2020 Chen, Y. (PI), & Tobin, D. (Co-PI). Identifying hotspots for agrobiodiversity in Mexico, a major center of crop origin. Gund Institute for the Environment, University of Vermont. ($50,000).

2018-2020 Jacobs, J. (PI), & Tobin, D. (Co-PI). 2018-2020 Targeted States Crop Insurance Education Grant. USDA Risk Management Agency. ($240,000).

2018-2019 Tobin, D. (PI). Developing New Datasets to Explore Linkages Between Crop Diversity and Nutrition Security in Sub-Saharan Africa. Office of the Vice President for Research EXPRESS. University of Vermont. ($3,000).

2018-2019 Tobin, D. (PI). Alternative Seed Systems in Northern New England: Characterizing Norms, Values, and Flow. USDA Hatch. ($10,000).

2017-18 Faulkner, J. (PD), Schattman, R. (Co-PD), Tobin, D. (Co-PD), Méndez, E. (Co-PD), Fernandez, I. (Co-PD), Kaplan, M. (Co-PD), Ontl, T. (Co-PD). The Climate Adaptation Fellows Program: A Collaborative Design Project, Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area,

AFRI, USDA. ($249,959).

2017-18 Tobin, D. (PI), & Castellanos, P. (Co-PI). Gender and value chains: Is market integration linked to female empowerment? Early Career Award, Rural Sociological Society ($4,500).

2012-14 Tobin, D. (PI), Livelihood strategies and food security of rural Peruvian households in the Andes: A mixed methods study of the effects of market development. U.S. Borlaug Fellowship in Global Food Security, United States Agency for International Development ($14,800).

2012-13 College of Agricultural Sciences Graduate Student Competitive Grant, College of Agricultural Sciences, The Pennsylvania State University ($2,000).

2011-12 Graduate International Research Competitive Grant, The Pennsylvania State University ($2,000).

Awards

2023 Kroepsch-Maurice Excellence in Teaching Award. University of Vermont.

2023 Graduate Student Senate Excellence in Teaching Award. University of Vermont.

2020 Thomas F. Patterson Award for Excellence in Undergraduate Teaching Assistant Utilization and Mentoring, Community Development and Applied Economics, University of Vermont

2016 The Community of Teaching Excellence Award, College of Agricultural Sciences, The Pennsylvania State University.

2014 M.E. John Applied Research Endowment Award in Agricultural Economics, Sociology, and Education, The Pennsylvania State University.

2012 Andrew V. Kozak Memorial Graduate Fellowship for Leadership, Research, and Public Service, The Pennsylvania State University.

2012 Evans Family Award for Graduate Student Extension Achievement, The Pennsylvania State University.

TEACHING and ADVISING

Graduate courses taught at University of Vermont

CDAE 7700: Political Economy of Sustainable Development (Fall 2023)

CDAE 326: Community Economic Development (Fall 2018, 2019, 2020, Spring 2022, 2023, 2024)

Undergraduate courses taught at University of Vermont

CDAE 205: Rural Community in Modern Society (Fall 2018)

CDAE 171: Community and International Economic Transformation (Spring 2018, 2019, 2020)

CDAE 004: US Food, Social Equity, and Development (Fall 2019, 2020)

CDAE 1020: World Food, Population, and Sustainable Development (Spring 2018, 2019, 2020, 2021, Fall 2021, 2022, 2023)

Courses taught at The Pennsylvania State University

INTAG 490: Senior capstone in International Agriculture (Spring 2017, Fall 2016, Spring 2016, Fall 2015)

INTAG 100: Introduction to International Agriculture (Spring 2017, Fall 2016, Summer 2016, Spring 2016, Fall 2015, Spring 2015, Fall 2014)

AEE 520: Scientific Methods in Agricultural and Extension Education (Spring 2012, Spring 2013)

AEE 201: Interpersonal Skills for Tomorrow's Leaders in Agricultural and Extension Education (Spring 2014)

Graduate student committee membership (*advisor, +member)

Current Lara de Macedo Monteiro, +, Ph.D., Natural Resources, University of Vermont.

Current Lucio Costa Proenca, +, Ph.D., Sustainable Development Policy, Economics and Governance, University of Vermont.

Current Justin Dempsey+, Ph.D., Natural Resources, University of Vermont.

Current McElroy, Chris+, Ph.D., Sustainable Development Policy, Economics and Governance, University of Vermont.

Current Lizah Makombore+, Ph.D., Sustainable Development Policy, Economics and Governance, University of Vermont.

Current Vitória Cardoso*, Ph.D., Sustainable Development Policy, Economics, and Governance, University of Vermont.

Current Ayana Curran-Howes*, Ph.D., Food Systems, University of Vermont.

Current Julissa Vesely*, M.S., Community Development and Applied Economics, University of Vermont.

2024 Dimagi Pitawala+, M.S., Community Development and Applied Economics, University of Vermont.

2024 Hannah Lacasse+, Ph.D., Sustainable Development Policy, Economics and Governance, University of Vermont.

2024 Alisha Utter+, Ph.D., Plant and Soil Science, University of Vermont.

2024 Sally Burke*, M.S., Community Development and Applied Economics, University of Vermont.

2024 Claire Fischer*, M.S., Food Systems, University of Vermont.

2023 Sam Bliss+, Ph.D., Rubenstein School of Environment and Natural Resources, University of Vermont.

2023 LuAnna Nesbitt*, M.S., Food Systems, University of Vermont.

2023 Michelle Saunders+, M.S., Community Development and Applied Economics, University of Vermont

2022 Carina Isbell*, M.S., Community Development and Applied Economics, University of Vermont

2022 Megnot Mulugeta*, M.S., Food Systems, University of Vermont

2020 Andi Kur+, M.S. Plant and Soil Sciences, University of Vermont.

2020 June Guo*, M.S., Community Development and Applied Economics, University of Vermont.

2020 Ann Chiarenzelli*, MS, Food Systems, University of Vermont.

2018 Susie Walsh-Daloz+, M.S., Food Systems, University of Vermont.

2017 Kaila Thorn+, M.S., Agricultural and Extension Education, The Pennsylvania State University.

Undergraduate student committee membership (*advisor, +member)

2023 Isabel Curtin*, B.S., Honors and Distinguished Undergraduate Research, Community and International Development. University of Vermont.
2023 Helaina Curtin*, B.S., Distinguished Undergraduate Research, Community and International Development, University of Vermont.
2022 Katherine Morrissey*, B.S., Honors and Distinguished Undergraduate Research, Food Systems, University of Vermont.
2022 Jack Lem+, B.A. Honors. Geography, University of Vermont.
2020 Carina Isbell*, B.S., Distinguished Undergraduate Research, Community and International Development, University of Vermont.
2020 Lucia Possehl+, B.A., Honors. Geography, University of Vermont.
2019 Jen Mitchell+, B.A., Honors. Geography, University of Vermont.

PROFESSIONAL ACTIVITIES

Paper presentations at professional conferences

*Denotes graduate student author, +Denotes undergraduate student author

2024 Smith, S., Tobin, D., & Reynolds, T. Women's land tenure security: A case study of small-scale farmers in Uganda. Annual meeting of the Rural Sociological Society, Madison, WI, July 24-28.
2024 Tobin, D., Makombore, L., Reynolds., T., & Oyaga, A. Revisiting the agrarian question: Does class differentiation or the household life cycle explain smallholder farming in sub-Saharan Africa? Annual meeting of the Rural Sociological Society, Madison, WI, July 24-28.
2024 Isbell, C., Tobin, D., Yamashita, A., Banks, C.R., & Adeeb, B. Culturally meaningful seeds: Assessing market demand among diverse consumer groups. Annual meeting of the Rural Sociological Society, Madison, WI, July 24-28.
2024 Cardoso, V.*, & Tobin, D. The potential of relational values to understand farmers' behavior: A critical review. Annual meeting of the Rural Sociological Society, Madison, WI, July 24-28.
2024 Burke, S.*, & Tobin, D. Who can innovate? Assessing growers' capacities to introduce culturally meaningful seed into the US seed system. Joint conference of the Agriculture, Food, and Human Values Society and the Association for the Study of Food and Society, Syracuse, NY, June 5-8.
2023 Cardoso, V.*, & Tobin, D. How do relational values influence famers' decision-making? A global review of the empirical literature. Annual meeting of the Rural Sociological Society, Burlington, VT, August 2-6.
2023 Fischer, C.*, Banks, C.R., Burke, S.*, Isbell, C., Yamashita, A., Adeeb, B., von-Wettberg, E., & Tobin, D. Market niches for culturally meaningful seed in the Northeastern US: A seed value chain analysis to encourage accessibility. Annual meeting of the Rural Sociological Society, Burlington, VT, August 2-6.
2023 Aldaghlas, N.+, Brouillard, H.+, Eatchel, O.+, Jablonski, M.+, Keimach, A.+, King, J.+, Lam, V.+, Lightner, L.+, Tobin, D., Reynolds, T. Small-scale farmers, big data: Undergraduate research on agricultural livelihoods in East Africa. Annual meeting of the Rural Sociological Society, Burlington, VT, August 2-6.
2023 Cardoso, V.*, & Tobin, D. Do meso-institutions translate farmers' values?

Embedding relational and instrumental values in the implementation of rules and rights. Joint conference of the Agriculture, Food, and Human Values Society and the Association for the Study of Food and Society, Boston, MA, May 31-June 3.

2023 Burke, S.*, Banks, C.R., Yamashita, A., Fischer, C.*, Isbell, C., MacQueen, T., Adeeb, B., Hart, J.*, von Wettberg, E., & Tobin, D. Culturally meaningful seed: Navigating the complexities around accessibility, sustainability, and marketability in seed value chains in the Northeastern United States. Joint conference of the Agriculture, Food, and Human Values Society and the Association for the Study of Food and Society, Boston, MA, May 31-June 3.

2022 Isbell, C.*, Tobin, D., & Reynolds, T. Beyond the household: Evidence from 10 sub-Saharan African countries on the association between crop diversification and health outcomes for women and children at village and regional level. Annual conference of the International Consortium on Bioeconomy Research, Bologna, Italy, July 5-8.

2022 Isbell, C.*, & Tobin, D. Incomplete commodities and seed systems: Interrogating the spectrum of commodification through seed saving and exchange in the Northeastern United States. Joint conference of the Agriculture, Food, and Human Values Society and the Association for the Study of Food and Society, Athens, GA, May 18-21.

2022 Mulugeta, M.*, & Tobin, D. Towards an equitable seed system: Resource access and barriers across the Northeast seed system. 11th Organic Seed Growers Conference, Virtual, February 4-11, 2022

2022 Bellon, M.R., Fenzi., M., Offeh-Gyimah, A., & Tobin, D. Lessons for the organic seed movement from international perspectives. [Panel presentation]. 11th Organic Seed Growers Conference, Virtual, February 4-11.

2021 Tobin, D. Seeds of resilience: The relational and instrumental values of Vermont's seed growers. Joint conference of the Association for the Study of Food and Society, Agriculture, Food, & Human Values Society, Canadian Association for Food Studies, and The Society for the Anthropology of Food and Nutrition, Virtual Conference, June 9-15.

2020 Reynolds, T.W., Wubalem, A., Tobin, D., Jones, K., & Thiede, B. Leveraging big datasets for smallholder farmers: Crop choices, market access and dietary diversity across spatial scales. International Consortium on Applied Bioeconomy Research (ICABR), Virtual Conference, October 2020.

2019 Baker, D., & Tobin, D. Transitioning an international service-learning program from Honduras to Peru. Annual meeting of the Engagement Scholarship Consortium, Denver, CO, October 8-9.

2019 Tobin, D., & Castellanos, P. Decision-making, participation, and labor in native potato value chain: Exploring gendered differences in the Peruvian highlands. Annual meeting of the Rural Sociological Society, Richmond, VA, August 8-11.

2019 Reynolds, T.W., Tobin, D., Otieno, G., Guo, J., & McCracken, A.C. Sourcing seeds of value among smallholder farmers: Gendered differences in seed

preferences and access in Kenya, Tanzania, and Uganda. Annual meeting of the Rural Sociological Society, Richmond, VA, August 8-11.

2019 Glenna, L., & Tobin, D. The role of agricultural science in a Chayanovian approach to agricultural development. Annual meeting of the Agriculture, Food, and Human Values Society, Anchorage, AK, June 26-29.

2018 Tobin, D., & Jones, K. Cultivating relational values: Redistribution and reciprocity in sustainable agriculture. Annual meeting of the Rural Sociological Society, Portland, OR, July 27-30.

2017 Radhakrishna, R., Tobin, D., Thorn, K.*, Chatrchyan, A., & Allred, S. Climate change programming: Priorities for program development and evaluation. Annual meeting of the American Evaluation Association, Washington, D.C., November 6-11.

2017 Tobin, D., Radhakrishna, R., & Thorn, K.* Knowledge creation of climate change priorities and barriers in the agricultural and natural resource sectors: Perspectives of research faculty and extension personnel in the Northeastern U.S. Annual meeting of the Rural Sociological Society, Columbus, OH, July 27-31.

2017 Thorn, K.*, Radhakrishna, R., Tobin, D., Chatrchyan, A., Chan, J., & Allred, S. Extension professionals' and research faculty perspectives on climate change: Going from the United States to the globe. Annual meeting of the Association of International Agricultural and Extension Education, Minneapolis, MN, April 24-28.

2016 Radhakrishna, R., & Tobin, D. Infusing program development and evaluation concepts into a regional project with non-social scientists: Challenges and opportunities. Annual meeting of American Evaluation Association, Atlanta, GA, October 24-29.

2016 Radhakrishna, R., & Tobin, D. Connecting the research proposal dots; Understanding the connections to theory, literature, hypotheses, measurement, and analysis. Annual meeting of North Central American Association for Agricultural Education, Lafayette, IN, October 6-8.

2016 Radhakrishna, R., Tobin, D., Thorn, K.*, Chatrychan, A., & Allred, S. Barriers to incorporating climate change and agriculture issues into research and extension programming in the Northeast. Annual meeting of North Central American Association for Agricultural Education, Lafayette, IN, October 6-8.

2016 Jones, K., Tobin, D., & Bloom, J.D. Hybrid governance and the double movement: Contestations in market-oriented agricultural development. Annual meeting of American Sociological Association, Seattle, WA, August 20-23.

2015 Tobin, D. Actor perspectives: A theoretical approach to assess horizontal and vertical dynamics of value chain development in Peru. Annual meeting of the Rural Sociological Society, Madison, WI, August 6-9.

2015 Tobin, D, & Radhakrishna, R. Current capacity and future needs related too agriculture and climate change in the Northeast: An assessment of land-grant universities' applied research and Extension programming. Annual meeting of the

Agriculture, Food, and Human Values Society, Pittsburgh, PA, June 24-27.

2014 Tobin, D.* Communication breakdown: Questions of legitimacy in the development of a native potato supply chain in Peru. Annual meeting of the Rural Sociology Society, New Orleans, LA, July 31-August 3.

2013 Nayak, R.*, Tobin, D.*, Thomson, J., Radhakrishna, R. and LaBorde, L. Produce growers challenges in implementing Good Agricultural Practices. International Conference on Extension Educational Strategies for Sustainable Agricultural Development, Bangalore, India, December 5-8. (Awarded Best Paper).

2012 Tobin, D.*, Thomson, J., and LaBorde, L. Improving GAP programming by assessing Pennsylvania growers' knowledge, attitudes, skills, and behaviors. Joint Annual Meetings of Agriculture, Food and Human Values Society and Association for the Study of Food and Society, New York, NY, June 21-23

2011 LaBorde, L., Tobin, D.*, and Thomson, J. Keeping fresh produce safe using Good Agricultural Practices (GAPs). Produce Safety Alliance Conference, Orlando, FL, June 29-30.

2011 Tobin, D.*, Thomson, J., and LaBorde, L. Consumer perceptions of produce safety: A study of Pennsylvania. Joint Annual Meetings of Agriculture, Food and Human Values Society and Association for the Study of Food and Society, Missoula MT, June 9-12.

Poster presentations at professional conferences

2023 Smith, C.$^{+}$, Allen, H. $^{+}$, Lacasse, H.*, Ader, D., Gill, T. Carter, A.*, Tobin, D., & Reynolds. T.W. Engagement in groundnut value chains among youth and women small-scale farmers in Uganda. Annual conference of the International Consortium on Bioeconomy Research, Buenos Aires, Argentina, July 4-8.

2023 Goode, A.$^{+}$, Tobin, D., & Reynolds. T.W. Climate change adaptation strategies and food security among small-scale farmers in Uganda. Annual conference of the International Consortium on Bioeconomy Research, Buenos Aires, Argentina, July 4-8.

2023 Franco, I.$^{+}$, Reynolds. T.W., & Tobin, D. Seeds of conflict: Relationships between conflict, seed acquisition, and crop diversity in Uganda. Annual conference of the International Consortium on Bioeconomy Research, Buenos Aires, Argentina, July 4-8.

2023 Curtin, I.$^{+}$, Tobin, D., & Reynolds. T.W. Do wealth and market access explain inconsistent relationships between crop diversity and dietary diversity? Evidence from 10 sub-Saharan African countries. Annual conference of the International Consortium on Bioeconomy Research, Buenos Aires, Argentina, July 4-8.

2022 Curtin, H.$^{+}$, Tobin, D., & Reynolds, T. Implications of agricultural extension and gender on seed sourcing among smallholder farmers in Uganda. Annual conference of the International Consortium on Bioeconomy Research, Bologna, Italy, July 5-8.

2022 Garrett, A.$^{+}$, Thomas, M.$^{+}$, Reynolds, T.W., & Tobin, D. Crop diversity, dietary diversity, and food security among youth- and female-headed households in Uganda. Annual conference of the International Consortium on Bioeconomy

Research, Bologna, Italy, July 5-8.

2022 Morrissey, K.M.[+], Tobin, D., Reynolds, T.W., & Isbell, C.* Market indicators, crop diversity, and dietary outcomes: Panel data evidence from agricultural households in Uganda. Annual conference of the International Consortium on Bioeconomy Research, Bologna, Italy, July 5-8.

2022 Lacasse, H.*, Gastelum, J.B. [+], Ader, D., Tobin, D., Reynolds, T., & Saunders, M.* Measuring youth participation in agriculture: Alternative measures of youth engagement in crop production and commercialization in Uganda. Annual conference of the International Consortium on Bioeconomy Research, Bologna, Italy, July 5-8.

2022 Fraser, A.[+], Reynolds, T. Tobin, D., & Saunders, M.* Land tenure and crop diversity among small-scale farmers in Uganda. Annual conference of the International Consortium on Bioeconomy Research, Bologna, Italy, July 5-8.

2022 Saunders, M.*, Reynolds, T.W., & Tobin, D. Ugandan smallholder food security in the face of the COVID-19 pandemic. Annual conference of the International Consortium on Bioeconomy Research, Bologna, Italy, July 5-8.

2019 Kur, A.*, von Wettberg, E., Guo, J., Tobin, D., & Reynolds, T. Seed system diversity and resilience in new Vermont farming communities. Annual meeting of the Botanical Society of America, Tucson, AZ, July 27-31.

2018 Thorn, K.*, Radhakrishna, R., & Tobin, D. Influencing factors that Pennsylvania farmers believer are important to make climate change adaptive decisions. Annual meeting of the American Association of Agricultural Educators, Charleston, South Carolina, May 15-18.

2016 Thorn, K.*, Radhakrishna, R., & Tobin, D. Gaining farmers' perspectives on climate change. Annual meeting of North American Colleges and Teachers of Agriculture, Manoa, Hawaii, June 21-24.

2016 Chan, J., Chatrchyan, A., Tobin, D., Radhakrishna, R., & Allred, S. Agricultural resiliency to climate change in the Northeast U.S. Annual meeting of American Association of Geographers, San Francisco, CA, April 5-9.

2015 Tobin, D., & Radhakrishna, R. Synthesis of climate change vulnerability assessments: Research and Extension opportunities for stakeholders. Annual meeting of American Evaluation Association, Chicago, IL, November 9-14.

2015 Tobin, D., & Radhakrishna, R. Current activities and future priorities of land-grant universities in the Northeastern U.S. to address climate change impacts on agriculture. Annual meeting of North Central American Association of Agricultural Education, Minneapolis, MN, October 1-3.

2015 Chatrchyan, A., Hoffman, M.*, Tobin, D., Chaopricha, N., Chan, J., Radhakrishna, R., & Allred, S.B. Farmer-driven climate smart decision-making for the Northeastern United States. 3rd Global Science Conference on Climate-Smart Agriculture, Montpellier, March 16-18.

2014 Tobin, D. A tale of two production zones: Do pro-poor value chains conserve potato biodiversity? Postdoctoral Poster Presentation, The Pennsylvania State University, University Park, September 24.

2013 Nayak, R.*, Tobin, D.*, Thomson, J., Radhakrishna, R. and LaBorde, L.

Evaluation of on-farm food safety programming in Pennsylvania: Implications for Extension. Annual Meeting of American Evaluation Association, Washington, DC, October 17.

2011 Radhakrishna, R., Tobin, D.*, Thomson, J., and Brennan, M. Development of a checklist to ensure data quality in theses and dissertations. American Association of Agricultural Education, North Central Regional Research Conference. University Park, PA, September 30. (Awarded 2nd prize).

2011 Tobin, D.*, Jones, K.*, Bagdonis, J.*, Barlow, K.*, and Bruening, T. Broadening the conversation: The International Agriculture Graduate Student Forum. Annual Meeting of The Association for International Agricultural Extension and Education, Windhoek, Namibia, July 3-7.

2011 Tobin, D.*, and Thomson, J. Food safety standards and local produce: Perspectives of Pennsylvania supermarkets. Annual Meeting of Southern Association of Agricultural Scientists, Corpus Christi, TX, February 5-8. (Awarded 2nd prize).

Manuscript referee

World Development; The Lancet: Planetary Health; Economic Botany; Food Policy; Food Security; Climatic Change; Journal of Rural Studies; Climate and Development; Renewable Agriculture and Food Systems; Rural Sociology; Agroecology and Sustainable Food Systems; Journal of Development and Agricultural Economics; Agriculture and Human Values; Weather, Climate and Society; Indigenous Knowledge: Other Ways of Knowing; Journal of Agricultural Education and Extension; Food Control

Membership in professional organizations

Agriculture, Food and Human Values Society
The Rural Sociological Society

Service

Department

2023-2024 Public Administration, Associate/Full Professor Search Committee, Community Development and Applied Economics

2022-2023 Public Administration Tenure-track Search Committee, Community Development and Applied Economics

2020-2021 PhD Sustainable Development Policy, Economics, and Governance (SDPEG) Curriculum Development Committee, Community Development and Applied Economics

2018- M.S. and M.P.A. Graduate Programs Admissions Committees, Community Development and Applied Economics

2018- Graduate Programs Admissions, Community Development and Applied Economics

2018-2020 Faculty Senator, Community Development and Applied Economics

College/University

2023-2026	Awards Committee, Kroepsch-Maurice Excellence in Teaching, University of Vermont
2023-2026	Professional Standards Committee, College of Agriculture and Life Sciences
2022	Community Development Extension Assistant Professor Search Committee, College of Agriculture and Life Sciences
2021-2023	Advisory Committee, UVM Food Systems Research Center (FSRC), CALS
2021	Reviewer, UVM FSRC Undergraduate Research Fellowship, College of Agriculture and Life Sciences
2021	Fulbright Student Research Review Committee, University of Vermont
2021	Reviewer, Gund Catalyst Awards, University of Vermont
2020-2023	Equity, Diversity, and Inclusion Committee, College of Agriculture and Life Sciences
2019-2022	Recruitment and Admissions Committee, Food Systems, University of Vermont

Profession

2022-2025	Board of Directors, Agriculture, Food, and Human Values Society.
2022-2023	Member, Program Committee, Rural Sociological Society.
2021-	Editorial Board, *Journal of Agriculture, Food Systems, and Community Development*
2021	Search committee, Research Biologist / Social Scientist, USDA ARS Food Systems Research Station at UVM, USDA
2020-2021	Steering Committee, Agriculture & Food System Education Transformation Project at the Randolph Campus, Vermont Technical College
2019-2021	Nominations Committee, Rural Sociological Society

OTHER EXPERIENCE

2008-09	History teacher, Wilbraham and Monson Academy, Wilbraham, MA
2006-08	Agriculture Extension Volunteer, United States Peace Corps, Bolivia
2004-06	Assistant Farm Manager, George Hall Farm, Simsbury, CT
2003-04	Academic Mentor, Bowdoin College, Brunswick, ME

LANGUAGE

Reading: Spanish (advanced); Writing: Spanish (advanced); Speaking: Spanish (fluent)