

# JENIFER BUCKLEY

## CONTACT

American Association for the Advancement of Science  
- Science & Technology Policy Fellow, hosted by US  
Environmental Protection Agency, Washington, DC  
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## EDUCATION

**Ph.D., Community, Agriculture, Recreation & Resource Studies**, 2013  
Michigan State University  
*University Distinguished Fellow*

**M.Sc., Ecological Agriculture**, 1995  
Wageningen University, Wageningen, the Netherlands  
*Cum laude*

**B.S., Plant Pathology**, 1987  
University of Wisconsin–Madison

## PROFESSIONAL EXPERIENCE

- 2016–  
present
- AAAS\* Science & Technology Policy Fellow**, hosted by US Environmental Protection Agency, Washington, DC
- Conduct benefits analysis of radiochemical analytic methods program with input from agency partners at federal, state, and local levels and from non-governmental stakeholders.
  - Develop an evaluation template for future policy analyses.
  - Incorporate social science into policy research; illustrate the utility of social science tools for colleagues who are not familiar with them.
  - Produce actionable and clearly written reports and technical materials.
  - \* AAAS = American Association for the Advancement of Science

2015–2016 **Jenifer Buckley LLC**, Middleton, Wis.

- Produced technical materials to assist small food processors.
  - Developed comprehensive 120-page [handbook](#) to assist small food processing business start-ups. On contract with University of Wisconsin–Extension with assistance from the Wisconsin Department of Agriculture, Trade & Consumer Protection.
  - Distilled new federal food safety regulations into key points on 3-page [fact sheet](#).
- Conducted program evaluation.
  - Designed online survey using ordinal, categorical, and string variables and branching; analyzed results in MS Excel; submitted concise report summarizing key findings and recommendations. On contract with the Southern Minnesota Initiative Foundation in collaboration with Renewing the Countryside.

2013–2015 **Business Development Facilitator, Organic Processing Institute**, Middleton, Wis.

- Trained food processing companies, entrepreneurs, and resource providers on USDA organic certification, labeling requirements, ingredient sourcing, and related topics.
- Presented workshops and provided one-on-one assistance.
- Conducted formative, process, and summative evaluations of programs using qualitative and quantitative methods: interviews, online surveys, focus group.
- Led the development, execution, and evaluation of a 15-session course for entrepreneurs using hybrid in-person and online delivery to 31 students. Outlined curriculum, recruited 20 guest instructors, established communication procedures with instructors and students, facilitated sessions.
- The Organic Processing Institute closed in 2015.

2000–2002 **Director, Northland Food & Farming Initiative**, Duluth, Minn.

- Wrote successful \$205,100 grant to fund this community food systems project.
- Recruited and chaired advisory committee of farming, academic, and extension service representatives.
- Promoted project and convened discussions among diverse audiences.
- Managed budget and contract staff.

1995–2002 **Coordinator, Sustainable Farming Association of Minnesota–Lake Superior Chapter**, Carlton, Minn.

- Organized farmer-to-farmer educational programming, direct marketing opportunities, and consumer outreach.
- Directed annual one-day Harvest Festival attracting more than 5,000 visitors per year.
- Managed volunteers, fundraising, and publicity.
- Balanced and managed budget; wrote over \$60,000 in successful grants in addition to routine fundraising.
- Collaborated with agricultural, extension, environmental, and other organizations.

## SELECTED PUBLICATIONS

### Peer-Reviewed Publications

- 2017 Buckley, Jenifer A., Paul B. Thompson, and Kyle Powys Whyte. “Collingridge’s dilemma and the early ethical assessment of emerging technology: The case of nanotechnology enabled biosensors.” *Technology in Society* 48: 54–63. <http://dx.doi.org/10.1016/j.techsoc.2016.12.003> (last accessed March 18, 2017).
- 2016 Buckley, Jenifer A. “Interpersonal skills in the practice of food safety inspections: A study of compliance assistance.” *Journal of Environmental Health* 79(5): 8–12. <http://www.neha.org/node/58734> (last accessed March 18, 2017).
- 2015 Buckley, Jenifer A. “Food safety regulation and small processing: A case study of interactions between processors and inspectors.” *Food Policy* 51: 74–82. <http://www.dx.doi.org/10.1016/j.foodpol.2014.12.009> (last accessed March 18, 2017).
- 2014 Buckley, Jenifer, H. Christopher Peterson, and Jim Bingen. “The Starting Block: A case study of an incubator kitchen.” *International Food & Agribusiness Management Review* 17(1): 163–186. <http://www.ifama.org/resources/Documents/v17i1/Buckley-Peterson-Bingen.pdf> (last accessed March 18, 2017).
- 2013 Buckley, Jenifer, David S. Conner, Colleen Matts, and Michael W. Hamm. “Social relationships and farm-to-institution initiatives: Complexity and scale in local food systems.” *Journal of Hunger & Environmental Nutrition* 8(4): 397–412. <http://dx.doi.org/10.1080/19320248.2013.816988> (last accessed March 18, 2017).

### Professional and Outreach Documents

- 2017 Buckley, Jenifer and Kathy Hall. Nine technical fact sheets on Environmental Protection Agency (EPA) rapid radiochemical methods for water samples. Washington, DC: US EPA. (Order of authorship on fact sheets varies.)

- 2016 Buckley, Jenifer A. and Elena Byrne. “Wisconsin Food Processing Guide: A Handbook for Entrepreneurs and Managers.” Madison, Wis.: University of Wisconsin–Extension. <http://learningstore.uwex.edu/Wisconsin-Food-Processing-Guide-P1803.aspx> (last accessed March 18, 2017).
- 2016 Buckley, Jenifer. “The Food Safety Modernization Act – Preventive Controls Rule for Human Food: Introductory Overview for Small Processors in Wisconsin.” Fact sheet. <http://jeniferbuckley.com/outreach-instruction/fsma-pc-rule-intro/>.
- 2015 Buckley, Jenifer and H. Christopher Peterson. “Preliminary cost-benefit analysis for urban agriculture.” Community and Regional Food Systems Toolkit. Madison, Wis.: University of Wisconsin–Extension. <http://fyi.uwex.edu/foodsystemstoolkit/preliminary-cost-benefit-analysis/> (last accessed March 18, 2017).
- 2015 Association of Food & Drug Officials Resolution 2015-3. “FDA support for research on compliance assistance approaches to food safety inspections in order to enhance FSMA implementation.” June 19. <http://afdo.org/Resources/Documents/4-news-and-events/Resolutions%202015/AFDO-Resolution-2015-3-Enhance-FSMA-Implementation.pdf> (last accessed March 18, 2017).
- 2015 *Buckley research findings are subject of:*  
Besev, Kevin. “Research shows MDARD inspectors play crucial role in helping businesses to thrive and improve food safety.” Lansing, Mich.: Michigan Licensed Beverage Association.
- 2013 Buckley, Jenifer. “Artisan food processors see food safety inspectors as resources.” *Michigan Good Food Newsletter* 16: 1–2. [http://jeniferbuckley.com/wp-content/uploads/MichGoodFood\\_Newsletter\\_Jan\\_2013.pdf](http://jeniferbuckley.com/wp-content/uploads/MichGoodFood_Newsletter_Jan_2013.pdf).
- 2011 Buckley, Jenifer. “Food safety regulation forums gather input from farms and small food businesses.” *Michigan Food & Farming Systems (MIFFS) Memo* 17(3):11.
- 2011 Buckley, Jenifer, Elaine Brown, and Deepa Iyer. “Maximizing engagement to minimize food safety risk: Improving training and regulatory impacts for small processors, producers, and food entrepreneurs.” East Lansing, Mich.: Michigan Food & Farming Systems. <http://jeniferbuckley.com/wp-content/uploads/FoodSafetyForumsReport.pdf>.

- 2005 Contributor: “Consumer information on buying meat direct from farmers.” Pp. 21–23 (page numbers at bottom of document) in Jane Grimsbo Jewett and Derrick Braaten, *Local Food: Where to Find It, How to Buy It*. St. Paul, Minn.: Minnesota Institute for Sustainable Agriculture, University of Minnesota.  
<http://www.misa.umn.edu/publications/localfoodwheretofindit> (last accessed March 18, 2017).
- 1998–2004 Editor: *Northeastern Minnesota and Northwestern Wisconsin Farm Products Directory* (annual). Carlton, Minn.: Sustainable Farming Association.
- 1996–2002 Editor: *Northeastern Farm & Market Newsletter* (monthly/quarterly). Carlton, Minn.: Sustainable Farming Association.
- 1999 Buckley, Jenifer. “Grass- and forage-based finishing of beef, with consumer testing.” Pp. 81–84 in Minnesota Department of Agriculture Energy & Sustainable Agriculture Program (MDA ESAP), *Greenbook '99*. St. Paul, Minn.: Minnesota Department of Agriculture.  
<http://www.mda.state.mn.us/Global/MDADocs/protecting/sustainable/greenbook1999/greenbook1999.aspx> (last accessed March 18, 2017).

## PRESENTATIONS

### Professional and Outreach Presentations

- 2017 **Invited presentation.** “Social science and public policy: Insights and challenges in applying a social lens to policy research.” M.E. John Seminar Series, Penn State University Department of Agricultural Economics, Sociology & Education (February 24).
- 2017 **Invited presentation.** “Food safety inspections as opportunities for mutual learning between food entrepreneurs and inspectors.” Penn State University Department of Food Science (February 24).
- 2016 **Staff presentation.** “How social interactions shape regulatory inspections, and why it’s okay.” Brown bag lecture at US Environmental Protection Agency, Washington, DC (December 6).
- 2015 **Invited presentation.** “Compliance assistance in food safety inspections of small-scale food processors in Michigan.” Annual Educational Conference, Association of Food & Drug Officials, Indianapolis, Ind. (June 20).

- 2014–2015 **Organic Processing Institute presentations.** Developed and delivered sessions covering aspects of processing organic and/or local food products, including organic certification and labeling requirements, food safety regulations and exemptions, facility selection, and organic ingredient sourcing:
- “Organic Processing in Minnesota” workshops, St. Cloud, Chaska, and Rochester, Minn. (September 21–25, 2015).
  - Wisconsin Local Food Summit, Wisconsin Rapids, Wis. (January 30, 2015).
  - Minnesota Organic Conference, St. Cloud, Minn. (January 9, 2015).
  - Midwest Food Processors Association Annual Convention, Wisconsin Dells, Wis. (December 3, 2014).
  - FEAST Tradeshow, Rochester, Minn. (November 3, 2014).
  - Midwest Value-Added Agriculture Conference, Wisconsin Rapids, Wis. (January 23, 2014).
- 2013 **Invited presentation.** “MDARD’s interaction with artisan food and dairy processors.” Annual Training Conference, Michigan Department of Agriculture & Rural Development Food & Dairy Division, Roscommon, Mich. (June 6).
- 2013 **Organizer and facilitator.** Panel sessions comprising Michigan Department of Agriculture & Rural Development inspection staff, small food processors, and resource providers. Panelists spoke to producer audiences about the licensing and inspection process, processor-inspector rapport, and resources for producers.
- Webinar, “Working with Your Food Safety Inspector.” Michigan State University, East Lansing, Mich. (May 13). See Sustainable Agriculture Research & Education Learning Center, <http://www.sare.org/Learning-Center/SARE-Project-Products/North-Central-SARE-Project-Products/Working-With-Your-Food-Safety-Inspector> (last accessed March 18, 2017).
  - Agriculture and Natural Resources Week, Michigan State University, East Lansing, Mich. (March 4).
  - Northern Michigan Small Farm Conference, Grayling, Mich. (January 26).
- 2008 **Presenter.** “Pie in the sky: Bringing the semantics of the local foods movement back to earth.” Agrifood in Action Brown Bag Series, Department of Community, Agriculture, Recreation & Resource Studies, Michigan State University, East Lansing, Mich. (October 10).
- 2002 **Invited plenary session.** “Local food system initiatives in northeastern Minnesota and northwestern Wisconsin.” Annual Conference, Sustainable Farming Association of Minnesota, Northfield, Minn. (February 23).
- 2001 **Presenter.** “The Northland Food & Farming Initiative.” Rural Summit, Duluth, Minn. (July 24).

2001 **Invited presentation.** “The Northland Food & Farming Initiative: Lessons in community-participatory project planning.” University of Minnesota Extension–Northeast District Conference, Duluth, Minn. (May 31).

### **Scholarly Presentations**

2015 **Selected presentation.** “The craft of food safety inspection: Social interaction and technical accommodation in the coproduction of regulatory outcomes.” Annual Meeting of the Rural Sociological Society, Madison, Wis. (August 8).

2015 **Selected roundtable discussion.** Panel organizer, “Publishing scholarly work for stakeholder audiences.” Annual Meetings of the Agriculture, Food & Human Values Society and the Association for the Study of Food & Society, Pittsburgh, Penn. (June 25).

2015 **Panelist.** “Breaking barriers, building bridges: Discussing alternatives to the academy for scholars and career seekers in food and nutrition.” Annual Meetings of the Agriculture, Food & Human Values Society and the Association for the Study of Food & Society, Pittsburgh, Penn. (June 25).

2014 **Selected presentation.** “Ethnography in agrifood studies: Challenges in fieldwork on the food safety regulation of artisan food processing.” Annual Meetings of the Agriculture, Food & Human Values Society and the Association for the Study of Food & Society, Burlington, Vt. (June 19).

2013 **Selected presentation.** “Can food safety regulations serve the interests of artisan processors? A study of inspector-artisan interactions in Michigan.” Annual Meetings of the Agriculture, Food & Human Values Society and the Association for the Study of Food & Society, East Lansing, Mich. (June 21).

2013 **Selected presentation.** “Food safety regulation, artisan processing, and policy challenges in a growing agrifood sector: A study of inspector-artisan interactions in Michigan.” Association of American Geographers Annual Meeting, Los Angeles (April 10).

2013 **Selected presentation.** “Methodological challenges and surprises in qualitative research: Stay calm, go with the flow, have fun.” MSU Department of Community, Agriculture, Recreation & Resource Studies (CARRS) Graduate Symposium (March 20).

2012 **Selected presentation.** “Food safety inspections of artisan food processors in Michigan: The intersection of two social phenomena.” Michigan Sociological Association Annual Meeting, Grand Rapids, Mich. (October 27).

A similar selected presentation was delivered at the 2012 MSU Department of CARRS Graduate Symposium (March 29).

- 2012 **Poster** (co-authored with Kyle Powys Whyte and Paul B. Thompson). “Early ethical assessment of emerging technologies: A methodology for analyzing proceedings of a workshop on agrifood nanobiosensors.” Gordon Research Conference and Seminar: Science and Technology Policy in Global Context, Waterville Valley, NH (August 4–5).
- 2011 **Selected presentation** (co-authored with H. Christopher Peterson and Jim Bingen). “The Starting Block: A case study of an incubator kitchen.” International Food & Agribusiness Management Association, Annual World Forum and Symposium, Frankfurt, Germany (June 21).
- 2010 **Selected panel.** Co-organizer and presenter, “Listening to the grassroots: Methodological challenges in agrifood studies.” Annual Meetings of the Agriculture, Food & Human Values Society and the Association for the Study of Food & Society, Bloomington, Ind. (June 4).
- 2010 **Selected presentation** (co-authored with Jim Bingen). “Small-scale local food governance: Questions raised in the case study of an incubator kitchen.” Annual Meeting of the Southern Rural Sociology Association, Orlando, Fla. (February 8).  
A similar selected presentation was delivered at the 2010 MSU Department of CARRS Graduate Symposium (February 12).
- 2009 **Selected presentation.** “Food safety in direct-market relationships: Performances, practices and cottage food production laws.” Annual Meetings of the Agriculture, Food & Human Values Society and the Association for the Study of Food & Society, State College, Penn. (May 31).  
A similar selected presentation was delivered at the 2009 MSU Department of CARRS Graduate Symposium (April 6).

## RESEARCH

### Dissertation Research

- Dissertation: Artisan Food Processing and Food Safety Regulation in Michigan: An Actor-Network Study of Interactions, Interests, and Fluid Boundaries, [http://jeniferbuckley.com/wp-content/uploads/Buckley\\_diss\\_2013.pdf](http://jeniferbuckley.com/wp-content/uploads/Buckley_diss_2013.pdf)
- Collaborated with regulators and small processors on research and outreach to foster food business growth. Formed and worked with stakeholder advisory committee comprising regulatory senior staff and food business representatives.
  - Designed and conducted qualitative research on food safety inspections using semi-structured interviews (30+), field observations (20+), and focus groups (2). Analyzed data using NVivo analytic software.



Committee: Jim Bingen, Chair  
Lawrence Busch (Department of Sociology)  
H. Christopher Peterson (Department of Agricultural, Food & Resource Economics)  
Paul B. Thompson (Departments of Community Sustainability; Philosophy; and Agricultural, Food & Resource Economics)

### **Other Research Projects at Michigan State University**

- 2011 Maximizing Engagement to Minimize Food Safety Risk: Improving Training and Regulatory Impacts for Small Processors, Producers, and Food Entrepreneurs
- Managed a collaborative research project that included Michigan Food & Farming Systems, Michigan State University, and the Michigan Department of Agriculture (MDA).
  - Led team in writing successful MDA project funding grant.
  - Conducted online survey and 6 focus groups of food businesses and producers to identify regulatory concerns and training needs.
- 2011 Community & Regional Food Systems—Building Food Security
- Wrote a practitioners’ introduction to cost-benefit analysis of urban agriculture projects.
  - Project funded by USDA Agriculture & Food Research Initiative.
- 2011 Anticipatory Workshop on Biosensors in the Agrifood Sector
- Analyzed proceedings of expert workshop convened on ethical implications of emerging technologies.
  - Project funded by the National Science Foundation, Award # SES-1055542.
- 2010 Farm to Institution: Guiding Market and Pricing Decisions for Small- and Medium-Scale Farms
- Conducted 24 in-depth interviews with farmers, food distributors, and institutional buyers to identify challenges and indicators of success in farm-to-institution programs in Michigan.
  - Co-facilitated 2 focus group discussions.
  - Project funded by USDA Research, Education & Economics Information System (REEIS).
- 2009–2010 The Starting Block: A Case Study of an Incubator Kitchen
- Conducted 15 semi-structured interviews with staff, entrepreneurial clients, and community partners of a rural business incubator that serves food businesses.
  - Published a [business teaching case](#) based on this study.

- 2009 Research and Education for the Renewal of an Agriculture of the Middle
- Funded by USDA REEIS under project NC-1036, a multistate research project.

## TEACHING

- 2017 **Guest lecturer**, “Complex public agencies, complex public interest: Unfolding the layers between an agency’s mission and the publics that it serves.” Course: Science, Technology & Public Policy. Penn State University (March 24).
- 2014 **Coordinator**, Organic Processing Institute’s School for Organic Processing Entrepreneurs (January–April).
- Served as lead staff person in developing 15-week series of sessions using hybrid in-person–online format.
  - Recruited 20 guest speakers; managed communication with speakers and 31 students.
  - Facilitated class discussions.
  - Conducted evaluation, analyzed results, and wrote final report.
- 2012 **Guest lecturer**, “Practicum in qualitative analysis using NVivo software.” Course: Research Methods. Michigan State University (October 11).
- 2012 **Course instructor**, Regional Food Products and Processing in Michigan. Michigan State University. <http://jeniferbuckley.com/outreach-instruction/esa-491/> (Summer Session I).
- Initiated, created syllabus for, and taught 14-session survey course.
  - Recruited 7 guest speakers and arranged 6 field trips.
  - Led discussions, developed assignments, and evaluated students.
  - Assumed full responsibility for the course.
- 2011 **Guest lecturer**, “Getting started with qualitative data analysis: The basics of using NVivo software.” Course: Research Methods. Michigan State University (October 19).
- 2011 **Guest lecturer**, “Mixed perspectives on chemical agriculture.” Course: Pesticides, People and Politics. Michigan State University (October 3).
- 2009 **Guest lecturer**, “Sustainable farming and local food systems: Lessons from grassroots NGO work.” Course: Community Food and Agricultural Systems. Michigan State University (April 15).

## SELECTED GRANTS AND AWARDS

- 2016–2017 **American Association for the Advancement of Science.** Science & Technology Policy Fellowship.
- 2015 **North Central Region Sustainable Agriculture Research & Education (SARE).** Professional Development Program. Travel scholarship.
- 2012–2014 **National Science Foundation.** Research funding. “Doctoral dissertation research: An actor-network study of artisanal food production and food safety regulation.” Award # SES-1230878. With Jim Bingen. \$13,037.
- 2011–2013 **North Central Region SARE.** Graduate Student Program. Research funding. “Artisanal agrifood processing and food safety regulation: Responding to the concerns of small processors and regulators in Michigan.” Award # GNC 10-134. With Jim Bingen. \$9,903.
- 2008–2013 **University Distinguished Fellowship.** Michigan State University.
- 2008 **Distinguished Service Award.** Sustainable Farming Association of Minnesota–Lake Superior Chapter.
- 2000–2002 **Northeast Minnesota Sustainable Development Partnership.** Project funding. “Northland Food & Farming Initiative.” With David Abazs, Helene Murray, Ken Peterson, David Smith, and Okechukwu Ukaga. \$205,100.
- 1998–2000 **North Central Region SARE.** Research funding. “Strengthening links between meat producers, processors, and consumers.” Award # LNC 98-133. With Alan Ringer and Troy Salzer. \$6,000.
- 1997–1999 **Minnesota Department of Agriculture–Energy & Sustainable Agriculture Program.** Research funding. “Grass- and forage-based finishing of beef, with consumer testing.” With Tim Malone and Ray Johnson. \$6,000.

## LEADERSHIP AND SERVICE ACTIVITIES

- 2016 **Review Committee,** Wisconsin Department of Agriculture, Trade & Consumer Protection – Specialty Crop Block Grant proposals.
- 2016 **Review Committee,** Agriculture, Food & Human Values Society – Student Research Paper Awards.
- 2015–2016 **Manuscript Reviewer,** *Agriculture & Human Values* (2015), *American Anthropologist* (2016), *Food Policy* (2015–2016), *Journal of Rural Studies* (2015).

- 2014–2016 **Membership and Communications Committee**, Agriculture, Food & Human Values Society.
- 2011–2016 **Co-Founder and Co-Manager**, Michigan State University Department of Community Sustainability – Alumni and Student Network on LinkedIn.
- 2014–2015 **Grant Review Committee**, USDA North Central Region Sustainable Agriculture Research & Education – Graduate Student Program.
- 2014 **Review Panel Member**, “Organic Transition Business *Planner* for Farmers and Food Business Entrepreneurs” – Minnesota Institute for Sustainable Agriculture.
- 2008–2011 **Officer**, Michigan State University Department of Community, Agriculture, Recreation & Resource Studies (CARRS) Graduate Student Organization.
- 2010 **Small Business Workgroup Member**, Michigan Department of Agriculture.
- 2010 **Cottage Foods Workgroup Member**, Michigan Department of Agriculture.
- 2009–2010 **Policy Committee Member**, Michigan Farmers Market Association.
- 2009–2010 **Volunteer**, Allen Street Farmers Market, Lansing, Mich. Managed credit card and EBT transactions; directed visitors.
- 2008–2010 **Organizer**, brown bag meetings of CARRS Ph.D. students.
- 2004–2008 **Member, Board of Directors**, Sustainable Farming Association of Minnesota–Lake Superior Chapter, Carlton, Minn.
- 2003–2008 **Co-Founder and Member**, “Zooks Society” specialty food product barter group, Duluth, Minn. (Minnesota Public Radio story: [http://news.minnesota.publicradio.org/features/2005/02/15\\_hemphills\\_zooks/](http://news.minnesota.publicradio.org/features/2005/02/15_hemphills_zooks/), last accessed March 18, 2017.)
- 1997–2001 **Member, Board of Directors**, Whole Foods Cooperative, Duluth, Minn. President, 1999–2001.
- 1995–1997 **Member, Board of Directors**, Duluth Community Garden Program, Duluth, Minn.