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**Carmen Bain**

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<https://faculty.sites.iastate.edu/cbain/>

**Education**

<b>PhD Sociology</b> , Michigan State University (MSU)	2007
Dissertation: <i>Reconciling Competing Values for ‘Corporate Social Responsibility:’ The Case of EurepGAP Standards in the Chilean Export Fruit Sector</i>	
<b>MA Sociology</b> , University of Canterbury, New Zealand	2001
Thesis: <i>Food Safety Standards: How Risk Management Programmes are Negotiated, Constructed and Contested in the New Zealand Meat Industry</i>	
<b>BA Sociology and Geography</b> , University of Canterbury, New Zealand	2000

**Employment**

<b>Professor</b> Department of Sociology, Iowa State University	2019-Present
<b>Program Coordinator</b> Agriculture & Society undergrad major, Iowa State University	2007-Present
<b>Associate Professor</b> Department of Sociology, Iowa State University	2013-2019
<b>Assistant Professor</b> Department of Sociology, Iowa State University	2007-2013
<b>Assistant Director</b> Women and International Development, Michigan State University	2006- 2007
<b>Research Assistant</b> Institute for Food and Agricultural Standards, Michigan State University	2001- 2006
<b>Instructor</b> Department of Sociology, Michigan State University	2003, 2004, 2006
<b>Research Assistant</b> Department of Sociology, University of Canterbury	1999- 2001
<b>Teaching Assistant</b> Department of Sociology, University of Canterbury	2001

**Areas of Specialization/Interest**

Political economy of agriculture and food systems; gender, social change & development; agrifood governance; social dimensions of biotechnologies (GMOs; gene-editing).

**Publications** (\*graduate student as co-author; \*\*undergraduate student as co-author)

**Refereed Journals**

Bain, C., E. Ransom and \*I. Halimatusadiah. *Forthcoming 2020*. Dairy Livestock Interventions for Food Security in Uganda: What are the implications for Women’s Empowerment? *Rural Sociology*.

- Bain, C., \*S. Lindberg, T. Selfa. *First Online: Sept 5 2019*. Emerging Sociotechnical Imaginaries for Gene Edited Crops for Foods in the United States: Implications for Governance. *Agriculture and Human Values*. <https://link.springer.com/article/10.1007/s10460-019-09980-9>
- Bain, C., E. Ransom and \*I. Halimatusa'diyah. 2018. 'Weak Winners' of Women's Empowerment: The Gendered Effects of Dairy Livestock Assets on Time Poverty in Uganda. *Journal of Rural Studies*. 61(July):100-109.
- Bain, C. and T. Selfa. 2017. Non-GMO vs Organic Labels: Purity or Process Standards in a GMO Contaminated Landscape. *Agriculture and Human Values*. 34(4): 805-818
- Bain, C., T. Selfa, \*T. Dandachi, \*S. Velardi. 2017. 'Superweeds' or 'Survivors'? Framing the Problem of Glyphosate Resistant Weeds and Genetically Engineered Crops. *Journal of Rural Studies*. 51(April): 211-221
- Ransom, E., C. Bain, and \*I. Halimatusa'diyah. 2017. Livestock-Livelihood Linkages in Uganda: The Benefits for Women and Rural Households? *Journal of Rural Social Sciences*. 32(2): 37-68.
- Ransom, E., C. Bain, \*\*H. Bal,\*\*N. Shannon. 2017. "Cattle as Technological Interventions: The Gender Effects of Water Demand in Dairy Production in Uganda." *FACETS*. 2:715-732
- Kulcsar, L., T. Selfa and C. Bain. 2016. Privileged Access and Rural Vulnerabilities: Examining Social and Environmental Exploitation in Bioenergy Development. *Journal of Rural Studies*. 47(Part A): 291-299.
- Selfa, T., C. Bain, \*R. Moreno, A. Eastmond, S. Sweitz, C. Bailey, G. Simas Pereira, \*T. Souza, R. Medeiros. 2015. Interrogating Social Sustainability in the Biofuels Sector in Latin America: Global Standards and Local Experiences in Mexico, Brazil and Colombia. *Environmental Management*. 56(66): 1315-29.
- Bain, C. and \*T. Dandachi. 2014. Governing GMOs: The (Counter)Movement for Mandatory and Voluntary Non-GMO Labels. *Sustainability*. Vol. 6(12): 9456-9476
- Selfa, T., C. Bain and \*R. Moreno. 2014. Depoliticizing Land and Water "Grabs" in Colombia: The Limits of Bonsucro Certification for Enhancing Sustainable Biofuel Practices. *Agriculture and Human Values*. 31: 455-468.
- Ransom, E., C. Bain, and V. Higgins. 2013. Private Agri-food Standards: Supply Chains and the Governance of Standards. *International Journal of Sociology of Agriculture and Food*. 20(2):147-154.
- Bain, C., E. Ransom and V. Higgins. 2013. Contestation, Hybridity and the Politics of Standards. *International Journal of Sociology of Agriculture and Food*. 20(1):1-10.
- Bain, C. and T. Selfa. 2013. Framing and Reframing the Environmental Risks and Economic Benefits of Ethanol Production in Iowa. *Agriculture and Human Values*. 30: 351-364.
- Bain, C., A. Prokos, and \*H. Liu. 2012. Community Support of Ethanol Plants: Does Local Ownership Matter? *Rural Sociology*. 77(2): 143-170.
- Ransom, E. and C. Bain. 2011. Gendering Agricultural Aid: An Analysis of Whether International Development Assistance Targets Women and Gender. *Gender & Society*. 25(1): 48-74.

**Sage Publications Podcast:** Authors Elizabeth Ransom and Carmen Bain discuss their article, "Gendering Agricultural Aid: An Analysis of Whether International Development Assistance Targets Women and Gender." [Download MP3](#)

- Bain, C. 2011. Local Ownership of Ethanol Plants: What are the Effects on Communities? *Biomass and Bioenergy*. 35(4): 1400-1407.
- Selfa, T., L. Kulcsar, C. Bain, R. Goe and G. Middendorf. 2011. Biofuels Bonanza? Exploring Community Perceptions of the Promises and Perils of Biofuels Production. *Biomass and Bioenergy*. 35(4):1379-1389.
- Bain, C., E. Ransom and M. Worosz. 2011 Constructing Credibility: Using Technoscience to Legitimate Strategies in Agrifood Governance. *Journal of Rural Social Sciences*. 25(3): 160-192.
- Bain, C. 2010. Structuring the Flexible and Feminized Labor Market: GLOBALGAP Standards for Agricultural Labor in Chile. *Signs: Journal of Women in Culture and Society*. 35(2): 343-370.
- Bain, C. 2010. Governing the Global Value Chain: GLOBALGAP and the Chilean Fresh Fruit Industry. *International Journal of Sociology of Agriculture and Food*. 17(1): 1-23.
- Hatanaka, M., C. Bain and L. Busch. 2005. Third-party Certification in the Global Agrifood System. *Food Policy*, 30 (3): 356-361.
- Busch, L. and C. Bain. 2004. New! Improved? The Transformation of the Global Agrifood System. *Rural Sociology*. 69 (3): 321-346.

### **Under Review**

- Ransom, E., \*C. Grady, L. Trepanier and C. Bain. Water Scarcity in a Private Development Program: A Role for STS in Cultivating a Situated Ethics. *Science, Technology, & Human Values*.

### **Book Chapters**

- Bain, C. *Forthcoming 2020*. Gender and Food Standards. In C. Sachs, K. Sexsmith, and L. Jensen (eds). *Gender and Agriculture Handbook*. Routledge.
- Bain, C. and \*T. Dandachi. 2015. '100% Pure'? Private Governance Efforts to Mitigate the Effects of 'Dirty Dairying' on New Zealand's Environment. Pp 40-58. In A. Bonanno and L. Busch (eds) *The Handbook of International Political Economy of Agriculture and Food*. Northampton, MA: Edward Elgar Press.
- Selfa, T. and C. Bain. 2014. Biofuels and Rural Communities: Promises, Pitfalls and Uneven Local Impacts. Pp. 243-259. In C. Bailey, L. Jensen and E. Ransom (eds). *Rural America in a Globalizing World: Problems and Prospects for the 2010s*. Morgantown: West Virginia University Press.
- Bain, C. 2014. Chilean *Temporeras* and Corporate Construction of Gender Inequalities in Global Food Standards. Pp. 119-136. In W. Dunaway (ed). *Gendered Commodity Chains: Seeing Women's Work and Households in Global Production*. Stanford, CA: Stanford University Press.
- Selfa, T., C. Bain and \*R. Moreno. 2014. Colombia. Pp. 157-178. In Solomon, B. and R. Bailis (eds). *Sustainable Development of Biofuels in Latin America and the Caribbean*. New York: Springer.

- Flora, N., C. Bain and \*C. Call. 2012. Sustainability Standards and their Implications for Agroecology. pp.163-225. In B. Campbell and S. Lopez Ortiz (eds). *Integrating Agriculture, Conservation, and Ecotourism: Societal Influences*. New York: Springer.
- Bain, C. and M. Hatanaka. 2010. The Practice of Third-Party Certification: Enhancing Environmental Sustainability and Social Justice in the Global South? pp. 56-74. In V. Higgins and W. Larner (eds). *Calculating the Social: Standards and the Re-configuration of Governing*. Basingstoke: Palgrave MacMillan.
- Bain, C. and P. Lasley. 2008. The Bioeconomy. *The Encyclopedia of Rural America* (2<sup>nd</sup> Ed). Gray House Publishing. pp. 122-122c
- Lasley, P. and C. Bain. (2008). The Farm. *The Encyclopedia of Rural America* (2<sup>nd</sup> Ed). Gray House Publishing. pp. 372-375.
- Konefal, J., C. Bain, M. Mascarenhas and L. Busch. 2007. Supermarkets and Supply Chains in North America. pp. 268-288. In D. Burch and G. Lawrence (eds). *Supermarkets and Agri-food Supply Chains: Transformations in the Production and Consumption of Foods*. Edward Elgar.
- Hatanaka, M., C. Bain and L. Busch. 2006. Differentiated Standardization, Standardized Differentiation: the Limits to Agrifood Standards. In T. Marsden and J. Murdoch (eds). *Between the Local and the Global. Confronting Complexity in the Contemporary Food Sector*. New York: Elsevier.
- Bain, C., B. Deaton, and L. Busch. 2005. Reshaping the Global Agrifood System. The Role of Standards, Standard Makers and Third-Party Certifiers. pp. 71-83. In V. Higgins and G. Lawrence (eds). *Agricultural Governance: Globalization and the New Politics of Regulation*. London: Routledge.
- Bain, C. and L. Busch. 2005. The Limits of Audits. pp. 141-145. In G. Jan Hofstede, H. Schepers and L. Spaans (eds). *Hide or Confide: The Dilemma of Transparency*. Reed Business publications.

### **Extension Publications**

- Southard, \*\*E., \*S. Lindberg and C. Bain. 2017. Midwestern Soybean Farmer's Perceptions and Management of Glyphosate Resistant Weeds. Soc 3084. Department of Sociology, Iowa State University, Ames, Iowa. November. 12 pp.

### **Guest Editor**

- Bain, C., E. Ransom and V. Higgins. 2013. Special Issues: Private Agrifood Standards Part I and Part 2. *International Journal of Sociology of Agriculture and Food*. 20 (1&2).

### **Non-Referred Publications**

- Bain, C. 2019. Will the Public Accept Gene Edited Foods? A Social Science Perspective. Giant Views Series. *Seed World*. Dec 18. <https://seedworld.com/leadership/giant-views/>
- Ransom, E., W. Wright and C. Bain. 2016. Female Farming Systems. *The Wiley-Blackwell Encyclopaedia of Gender and Sexuality Studies*. N. Naples, R.C. Hoogland, M. Wickramasinghe, W. Wong (Eds).
- Bain, C. 2014. *Trade Organizations*. Encyclopedia of Food and Agricultural Ethics Springer.

- Bain, C. 2010. Book review. Bill Winders (2009). *The Politics of the Food Supply: US Agricultural Policy in the World Economy*. Yale University Press: New Haven. *Contemporary Sociology*. 39(2):212-213.
- Bain, C. 2010. Film reviews. Mark Dworkin and Melissa Young. (2008). "Good Food." Oley, PA: Bullfrog Films and Megan Thompson. (2007). "Ladies of the Land." *Signs: Journal of Women in Culture and Society. Films for the Feminist Classroom*. Fall. Issue 2.2
- Koshel, Patricia and Kathleen McAllister, Rapporteurs; National Research Council of the National Academies. 2010. *Expanding Biofuel Production: Sustainability and the Transition to Advanced Biofuels: Summary of a Workshop*. Participant). The National Academies Press, Washington D.C.
- Bain, C. 2009. The Social Dimensions of the Bioeconomy in *Proceedings of the Biofuels and the Rural Economy Roundtable*, Perry, IA. May 14, 2008.
- Busch, L., D. Thiagarajan M. Hatanaka, C. Bain, L. G. Flores and M. Frahm. 2005. *The Relationship of Third-Party Certification (TPC) to Sanitary/Phytosanitary (SPS) Measures and the International Agri-Food Trade: Final Report*. RAISE SPS Global Analytical Report #9, December 2005. Prepared for USAID under RAISE Task Order 14, Assistance for Trade Capacity Building in Relation to the Application of Sanitary and Phytosanitary (SPS) Measures.
- Bain, C., D. Thiagarajan and L. Busch. 2005. *The Relationship of Third-Party Certification (TPC) to Sanitary/Phytosanitary (SPS) Measures and the International Agri-Food Trade: The Relationship between US Food Retailers and TPC*. Washington D.C.: US Agency for International Development.
- Bain, C., D. Thiagarajan and L. Busch. 2004. *The Relationship of Third-Party Certification (TPC) to Sanitary/Phytosanitary (SPS) Measures and the International Agri-Food Trade. Global Supermarket Profile Report*. Washington D.C.: US Agency for International Development.
- Bain, C., D. Thiagarajan and L. Busch. 2004. *The Relationship of Third-Party Certification (TPC) to Sanitary/Phytosanitary (SPS) Measures and the International Agri-Food Trade. Case Study: Ghana*. Washington D.C.: US Agency for International Development.
- Bain, C. and L. Busch. 2004. *Standards and Strategies in the Michigan Blueberry Industry*. Michigan Agricultural Experiment Station. Research Report 585. March.

### **Grants (12 Total funded = \$11.4 million)**

- Bain, C. (PI) and T. Selfa (co-PI). 2019-2020. "Enhancing Public Trust and Governance of Gene Editing for Agriculture and Food: A Comparison of Strategies between the EU and the US." ISU Crop Bioengineering Center Seed Grant Initiative. Funds Received: \$14,838.
- Bain, C. (PI), M. Dahlstrom, D. Peters, T. Selfa, C. Wolf, and J. Wolt (co-PIs). 2018-2021. "Identifying Gaps in Public Trust And Governance Recommendations For Gene Edited Foods." USDA-NIFA: Social Implications of Emerging Technologies: A1642. Funds received: \$494,513 (ISU share: 410,326)
- Bain, C. (PI), M. Dahlstrom, D. Peters, and C. Wolf (co-PIs). 2019-2020. Identifying Gaps in Public Trust and Governance Recommendations for Gene-Edited Foods. USDA-NIFA. Program Area Priority: Social Implications of Emerging Technologies: A1642. Supplemental Grant. Funds Received: \$74,900.

- Wald, D., K. Hunt, M. Dahlstrom (PIs), C. Bain, H. Rogers, B. Burke, A. Smith, L. Schulte-Moore, J. Wolt, J. Goodwin (co-PIs). 2018-2019. “Bridging the Gap: Understanding the Role of Trust and Credibility in Science Communication.” Iowa State University Presidential Interdisciplinary Research Seed Grant Program \$49,514
- Bain, C. (PI) and E. Ransom (PI). “Collaborative Research: Women’s Empowerment, Food Security and Farm Productivity.” 2015-2017. NSF Sociology Program. Funds received: \$161,254 (ISU: \$76,366)
- Bhattacharyya, M. (PI), C. Bain, S. Cianzio, S; Dong, Liang; C. Hart; X. Huang; L. Leandro; A. Leshem; A. Roberson; C. Bradley; K. Wise; D. Lee; J. Ye; C. Prakash; J. Jackson (co-PIs). 2013-2017. “Transgenic Approaches in Managing Sudden Death Syndrome in Soybean.” USDA AFRI, NIFA. Funds received: \$5,142,680
- Bain, C. (PI) and \*M. Van Der Maaten. “US Borlaug Fellows in Global Food Security: a FTF 21st Century Borlaug Leadership Program: ‘Alleviating Poverty and Promoting Food Security: Agroecology as a Livelihood Strategy in Rural Guatemala.’” 2015-2016. USAID: Funds received: \$14,604.
- Gleason, M. (PI), C. Bain, J. Batzer, A. Beattie, T. Coolong, A. Correia, M. Duffy, C. Haynes, M. Hanna, J. Jasinski, L. Jesse, A. Lewis, A. Nair, M. Ngouajio, F. Nutter, K Rosentrater, E. Sanchez, B. Steward, C. Welty, M. Williams (co-PIs). 2012-2014. “Shielding Cucurbit Crops for Resilient Agroecosystems.” USDA - NIFA. Funds received: \$1,552,870 (ISU share \$794,643).
- McCalley, J. (PI), D. Aliprantis, B. Babcock, C. Bain, L. Brasche, N. Eliz, W. Gallus, A. Irizarry-Rivera, J. Jackman, M. Kessler, C. Kling, W. Meeker, F. Peters, L. Rodriguez, P. Sakar, S. Sritharan, S. Sritharan, G. Takle, J. Vance, L. Wang (co-PIs). 2012-2017. “New interdisciplinary PhD program in Wind Energy Science, Engineering, and Policy.” NSF Integrative Graduate Education and Research Traineeship (IGERT). Funds received: \$3,163,130.
- Bain, C. 2010. “Gendering Aid? The Impact of International Development Assistance for Women.” Rural Sociological Society Early Careers Award. Funds received: \$4,950.
- Selfa, T. (PI), G. Middendorf, L. Kulcsár, W. R. Goe and C. Bain (co-PIs). 2007-2010. “The Biofuels Revolution: Understanding the Social, Cultural and Economic Impacts of Biofuels Development on Rural Communities.” US Department of Energy. Funds received: \$696,827 (ISU share \$238,925).
- Bain, C. 2005. “Corporate Social Responsibility? Reconciling Competing Values for Quality in the Chilean Grape Commodity Subsector.” National Science Foundation, Doctoral Dissertation Improvement Grant. Funds received: \$12,000.

### **Under Review**

- Bain, C. (PI), T. Selfa (PI), D. Lee, S. Kristiansen, T. Yamaguchi (co-PIs). 2020. Standard Grant: “Collaborative Research: How Competing Sociotechnical Imaginaries Shape Trust and Governance of Gene Editing in Agriculture and Food: A Cross Country Comparison.” National Science Foundation, Science, Technology & Society program (NSF-STs). Funds Requested: \$498,269.
- Bhattacharyya, M. (PI) [34 co-PIs, incl. C. Bain]. “Improving Biotic and Abiotic Stress Tolerance in Soybean Using Existing Genetic Diversity and Genome Editing.” USDA NIFA.

Sustainable Agricultural Systems (SAS) program. Submitted September 2019. Funds Requested: \$10 million.

### **Submitted but Not Funded**

Bain, C. (PI), T. Selfa (PI), M. Collins, S. Kristiansen, T. Yamaguchi (co-PIs). 2019. Standard Grant: “Collaborative Research: How Competing Sociotechnical Imaginaries Shape Trust and Governance of Gene Editing in Agriculture and Food: A Cross Country Comparison.” National Science Foundation, Science, Technology & Society program (NSF-STC). Funds Requested: \$394,180.

Bhattacharyya, M. (PI) [34 co-PIs, incl. C. Bain]. “Improving Biotic and Abiotic Stress Tolerance in Soybean Using Existing Genetic Diversity and Genome Editing.” USDA NIFA. Sustainable Agricultural Systems (SAS) program. Submitted August, 2018. Funds Requested: \$10 million.

Peters, D. (PI) and C. Bain (co-PI). 2019-2021. “Resiliency in Shrinking Small Towns: 2019 Wave of the Iowa Small Towns Project.” *USDA- AFRI-AERC*. Submitted July, 2018. Funds Requested: \$283,285

Brum, T (PI), C. Bain, M. Bekunda, H. Bhandari, M. Gumma, D. Guntuku, R. Jones, L. Kassama, K. Kimle, A. Loken, M. Mamun-Ur-Rashid, M. Misra, S. Hohanty, C. Sukup, S. Mpanduji, C. Murray, C. Neale, S. Panigrahi, S. Rana, D. Rosentrater, M. Smith, G. Son, Y. Teshome (co-PIs). 2015. “Appropriate Scale Mechanization Consortium (ASMC)” USAID. Funds requested: \$5,000,000.

Lamkey, K (PI), C. Bain, K. Cassman, G. Marquis (co-PIs). 2014. “Feed the Future Innovation Lab for Sustainable Intensification.” USAID. Funds requested: \$31,999,636.

Misra, M (PI), D. Acker, C. Bain, J. Beghin, J. Colletti, A. Harries, A. Lenssen, R. MacDonald, A. Manu, K. Kimle, K. Rosentrater, M. Westgate (Co-PIs). 2013. “Building capacity along the soybean value chain: Research for High-yielding Climate-resilient soybean in Ghana and Malawi.” USAID. Funds requested: \$14,118,676

Nutter, F. (PI), C. Bain, C. Harding, L. Leandro, M. Liebman, K. Kane, D. Mueller, G. Tylka (Co-PIs). 2012. “Remote sensing/GIS to uncover the ecology and progression of infectious plant diseases.” NSF. Funds requested: \$2,500,000

Misra, M (PI), A. Harries, J. Cortes, D. Acker, J. Davis, J. Beghin, C. Bain, A. Taylor, R. Wolcott, G. Welbaum, S. Panigrahi, B. Guy-Shefatall, A. Thompson, T. Bussey, S. Ermer. (Co-PIs). 2012. “Global Seed Innovation Center.” USAID Higher Education Network. Funds requested: \$24,990,306

Nikolau, Basil (PI), C. Bain, L. Marek, J. Shanks, E. Wurtele, E. Cahoon, C. Lu, C. Maranas, D. Voytas. (Co-PIs). 2012. “Development of Advanced Camelina Biofuels through Next-Generation Metabolic Engineering.” Department of Energy. Funds requested: \$2,915,217.

Peters, F. (PI), J. Allenman, C. Bain, M. Kessler, S. Ryan, S. Sritharan. “Proactive and Reactive Solutions to Eliminate Landfilling of Wind Turbine Blades.” (Co-PIs). 2012. NSF. Funds requested: \$1,916,919

Laird, D. (PI). Moore, Castellano, Heaton, Hayes, Elobeid, Fabiosa, Carriquiry, Brown, Hu, Bai, Smith, Helmers, Crumpton, Arbuckle, Tyndall, Bain, Birrell, Darr (co-PIs). 2012. “Advanced Systems for Sustainable Grain and Cellulosic Biofuel Production.” USDA-NIFA. Funds requested: \$6,642,669.

- Sachs, C., (PI), C. Bain, K. Brasier, D. Blair, J. Green, C. Hinrichs, A. Tickamyer, D. Behring, T. Gill, L. Jensen, D. Moore, B. Holtzman (co-PIs). 2010. "Linking Women Farmers and Low-Income Communities to Increase Food Security." USDA – AFRI Global Food Security. Funds requested: \$3,913,057.
- Arbuckle, J. G., C. Bain, and J. Tyndall. 2008. "Building Biomass-to-Energy Supply Chains: Assessment of Cultural, Economic, and Institutional Facilitators and Impediments to Biomass-Based Energy Projects. ConocoPhillips Biofuels Research Program." Funds requested \$277,447.
- Bain, C. (PI), Roger Ginder, and Paul Lasley. 2008. "Ownership Structure of Ethanol Plants in Iowa and Its Effects on Local Development." Sloan Biobased Products Industry Center Seed Grants Program, ISU. April. Funds requested: \$49,830.
- Gleason, M. (PI), D. Lewis, J. Batzer, L. Jesse, C. Bain, F. Nutter, S. E. Taylor, M. Duffy, M. Liebman, M. Williams, T. Coolong, P. Vincelli, R. Bessin, K. Seebold (Co-PIs). 2008. "Implementing Ecologically Based Pest, Disease, and Pollination Management Strategies for Cucurbit Growers." USDA Specialty Crop Research Initiative Program. August. Funds requested: \$999,073.
- Wright, W., C. Bain, and E. Brown. 2008. "Building a Sustainable Biofuel Supply Chain: The Role of Governance and Civic Engagement." North Central Region SARE Research and Education. Funds requested: \$143,900.

## Research Participant

- Crop Bioengineering Center*. ISU (2017-present). Member.  
<http://cropbioengineering.iastate.edu/>
- Global Food Security Consortium*, ISU <http://www.globalfoodsecurity.iastate.edu/>. Participant and socio-economics co-lead.
- Shonnard, D. (PI) R. Donovan, K. Halvorsen, B. Solomon, S. Sweitz. (co-PI) (2012-2015).  
 "RCN-SEES: A Research Coordination Network on Pan American Biofuels and Bioenergy Sustainability." NSF.

## Scholarships

ISU Foreign Travel Grant	2010, 2012, 2016
MSU Dissertation Completion Fellowship	2007
MSU Graduate Office Fellowship	2006
MSU Graduate School Travel Award	2006
Center for Latin American and Caribbean Studies, Summer Field Research Fellowship	2004
Walker Hill International Scholarship	2004
Kenneth E. Corey Research Enhancement Award	2004
Graduate Student Research Enhancement Award	2004
MSU College of Social Science Dean's Travel Award	2003
MSU Graduate School Travel Award	2003
Institute for Food & Agricultural Studies, Research Fellowship	2001-2004
CW Mills Scholarship in Sociology, University of Canterbury	2001
New Zealand Federation of University Women Masters' Scholarship	2001
Department of Sociology Scholarship, University of Canterbury	2001



## Honors, Awards & Distinctions

Faculty escort for Kayla Kaalberg, CALS student marshal for ISU Commencement. 2019  
Emory Bogardus Award for Faculty Excellence in Teaching. Iowa State University. 2019  
Emerging Leaders Academy, Iowa State University. 2016-2017  
Sociology Department Nominee for the College of Agriculture and Life Sciences Undergraduate Advising Award. 2017.  
Invited by *National Press Foundation* to present to “Exploring the Future of Food and Agriculture” meeting. St Louis, MO. July 24-27, 2016.  
Invited by *National Press Foundation* to present to “Food, From Farm to Table” meeting. St Louis, MO. July 19-22, 2015.  
Invited by *National Academy of Sciences* to present to “Meeting of the Committee on Genetically Engineered Crops: Past Experience and Future Prospects.” Washington, DC. September 15-16, 2014.  
Invited by *Organisation for Economic Co-operation and Development (OECD)* to invitation only workshop “Linking Renewable Energy to Rural Development: Drivers and Constraints.” OECD. Paris, France. June 14-15, 2012.  
Sociology Department Nominee for the College of Agriculture and Life Sciences Early Achievement in Research Award. 2009  
Invited by the National Academy of Sciences to present at their workshop, Expanding Biofuel Production: Sustainability and the Transition to Advanced Biofuels, Lessons from the Upper Midwest for Sustainability. Madison, Wisconsin. 2009  
Exceptional Support Recognition, ISU Student Scholars and Leaders Recognition Ceremony. 2008  
Department of Sociology Achievement Award, MSU. 2007  
Rita S. Gallin Award for Best Graduate Student Paper in Women and International Development. 2004  
Department of Sociology Achievement Award, MSU. 2004

## Teaching and Advising

Advisor/Program Coordinator, Agriculture & Society major (previously Public Service and Administration in Agriculture), (2007-present)  
Advisor, Gender, Justice and Environmental Change, Graduate Specialization, MSU (2006-2007)  
Soc 110: A&S Orientation (2007– current)  
Soc 230: Rural America in Transition (2007-2017)  
Soc 325: Transition in Agriculture (2011- current)  
Soc 350: Women in Agriculture and the Food System (2018-current)  
Soc 424: Sociology of Complex Organizations (2003, 2005, 2006)  
Soc 544: Sociology of Food and Agricultural Systems (2015; 2019)  
Soc 549: Sociology of the Environment (2013; 2016; 2018; 2020)  
Globe 495/497: Dean’s Global Agriculture and Food Leadership Program: Rome (2011; 2013; 2018)  
Guest lecturer:  
Globe 201: Global Resource Systems (2012)

Globe 495: Dean's Global Agriculture and Food Leadership Program (2009; 2010; 2012)  
Sociology 325: Agriculture in Transition (2009; 2010)  
Soc 544: Sociology of Food and Agricultural Systems (2007; 2010)  
STB: 535 Seed Technology & Business Graduate program (2019)  
SusAg 610: Foundations of Sustainable Agriculture (2018; 2019)  
TC 565X Sustainability: Theory and Practical Application (2012; 2014)

**Presentations at Professional Meetings** (\*graduate student as co-author;  
\*\*undergraduate student as co-author)

- Bain, C., T. Selfa and \*S. Lindberg. 2019. *Enhancing Public Trust and Governance of Gene Editing for Agriculture and Food: A comparison of Strategies between the EU and the US*. Meeting of the Crop Bioengineering Center. Iowa State University. December.
- Bain, C., \*S. Lindberg and T. Selfa. 2019. *Building Trust to Counter the 'Public Threat' to Gene Editing in Agriculture and Food*. Annual meeting of the Rural Sociology Society. Richmond, VA. August.
- Selfa, T., C. Bain and \*S. Lindberg. 2019. *Governing Gene Editing in Agriculture and Food: An Assessment of Competing Sociotechnical Imaginaries*. Annual meeting of the Rural Sociology Society. Richmond, VA. August.
- Lindberg, \*S., Bain, C., and T. Selfa. 2018. *Emerging Social and Scientific Imaginaries for Gene Edited Foods: Implications for Governance*. Annual meeting of the Rural Sociology Society. Portland, OR. July.
- Ransom, E., and C. Bain. 2018. *Inequalities and Water Access in a Dairy Development Intervention in Rural Uganda*. Annual meeting of the Rural Sociology Society. Portland, OR. July.
- Ransom, E., C. Bain, and C. Dolan. 2017. *Developing Markets for Smallholder Dairy in Uganda: Place-Based Opportunities and Constraints for Women's Empowerment*. 60<sup>th</sup> Annual Meeting of the African Studies Association. Chicago. November.
- Bain, C., E. Ransom and \*I. Halimatusa'diyah. 2017. *Dairy Livestock Interventions for Food Security in Uganda: What are the Implications for Women's Empowerment*. Annual meeting of the Rural Sociological Society. Columbus, OH. July.
- Bain, C., E. Ransom and \*I. Halimatusa'diyah. 2016. *Empowering Women to Address Food Security in Agricultural Development: Livestock Assets and Time Poverty*. Sixth Annual Conference of the Development Sociology Section of the American Sociological Association. Cornell University, NY. October.
- Bain, C. and T. Selfa. 2016. *Non-GMO vs. Organic Labels: Purity or Process Standards in a GMO Contaminated Landscape*. XIV World Congress of Rural Sociology. Toronto, Canada. August.
- Bain, C., E. Ransom and \*I. Halimatusa'diyah. 2016. *Empowered Women or Weak Winners? The Gendered Effects of Dairy Production in Uganda*. Annual meeting of the Rural Sociological Society. Toronto, Canada. August.
- Ransom, E., C. Bain, and \*I. Halimatusa'diyah. 2016. *Exploring Gender Dynamics of Livestock-Livelihood Linkages in Uganda*. XIV World Congress of Rural Sociology. Toronto, Canada. August.

- Southard, E.\*\* and C. Bain. 2016. *Addressing Food Insecurity in Uganda: The Role of Women's Empowerment in Dairy Production*. Symposium on Undergraduate Research and Creative Expression, Iowa State University, Ames, Iowa.
- Bain, C. 2015. *Societal Perceptions and Attitudes Towards Transgenes*. Integrated Crop Management Conference. Ames, Iowa. Dec 2-3.
- Bain, C. and \*T. Dandachi. 2014. *Raising the Stakes over Genetically Modified (GM) Foods: Social (Counter)Movements and the Fight over GM Labeling in the US*. Annual meeting of the Rural Sociological Society. New Orleans, LA. July/August.
- Ransom, E. and C. Bain. 2014 *Empowering Women to Address Food Insecurity? A Spatial Analysis of Agricultural Development Aid Effectiveness in Uganda Women to Address Food Insecurity?* Annual meeting of the Rural Sociological Society. New Orleans, LA. July/August.
- Bain, C. and T. Selfa. 2014. *Governing Biofuels and Land Change: An Assessment of Multi-Stakeholder Initiatives for Addressing Land Grabs*. Annual meeting of the Rural Sociological Society. New Orleans, LA. July/August.
- Dandachi, T.\* and C. Bain. 2014. *The Genetically Modified (GM) Food Controversy: The Impact of Anti-Labeling Efforts on GM Labeling Movements in the U.S.* Annual meeting of the Midwest Sociological Society. Omaha, NE. April.
- Van Der Maaten, M.\* and C. Bain. 2014. *Cucurbit Growers' Perspectives on Sustainable Agriculture*. Annual meeting of the Midwest Sociological Society. Omaha, NE. April.
- Selfa, T., C. Bain, \*R. Moreno, A. Eastmond, S. Sweitz, C. Bailey, T. Martins, G. Simas Pereira, R. Medeiros. 2014. *Interrogating Social Sustainability in the Biofuels Sector in Latin America: Global Standards and Local Experiences in Mexico, Brazil and Colombia*. Presented at RCN Conference on Pan American Biofuel and Bioenergy Sustainability.
- Selfa, T., C. Bain, \*R. Moreno, A. Eastmond, S. Sweitz, C. Bailey, T. Martins, G. Simas Pereira, R. Medeiros. 2014. *Interrogating Social Sustainability in the Biofuels Sector in Latin America: Global Standards and Local Experiences in Mexico, Brazil and Colombia*. Annual Meeting of the Agriculture and Human Values Society meeting. Burlington, VT. June.
- Ransom, E. and C. Bain. 2013. *From Food Security to Food Sovereignty: What is the Role of Agricultural Development Assistance in Targeting Women and Smallholders?* Annual meeting of the Rural Sociological Society. New York, NY. August
- Selfa, T., and C. Bain. 2013. *Ethanol Production in Colombia: Examining the Prospects and Limits of Bonsucro Certification for Addressing Social and Environmental Sustainability*. Annual meeting of the Rural Sociological Society. New York, NY. August
- Bain, C. 2012. *Biofuels in the US Heartland: What Role can they play in Building Sustainable and Resilient Rural Communities?* Growing the Bioeconomy. Banff, Canada. October 2-5.
- Bain, C. and T. Selfa. 2012. *Building resilient rural social-ecological systems: is there a role for biofuels?* XIII World Congress of Rural Sociology. Lisbon, Portugal. July/August.
- Ransom, E. and C. Bain. 2012. *Including the Excluded?: An Analysis of International Agricultural Development Assistance Focus on Marginalized Populations, 1978-2008*. XIII World Congress of Rural Sociology. Lisbon, Portugal. July/August.

- Ransom, E. and C. Bain. 2011. *Aiding the Decline of Smallholder Agriculture? An Analysis of Whether Agricultural Related Development Assistance Impacts Small-Scale Agricultural Production*. Annual meeting of the Rural Sociological Society. Boise, ID. July.
- Selfa, T., C. Bain and L. Kulcsar 2011. *Environmental Impacts and Community Support of Ethanol Plants in Iowa and Kansas*. Annual meeting of the Rural Sociological Society. Boise, ID. July.
- Ransom, E. and C. Bain. 2010. *Gendering Agricultural Aid: An Analysis of Whether International Development Assistance Targets Women*. Annual meeting of the Rural Sociological Society. Atlanta, GA. August.
- Bain, C. 2010. *Biofuels and Local Environmental Vulnerabilities: The Environmental Impact of Ethanol Production in Iowa*. Annual meeting of the Rural Sociological Society. Atlanta, GA. August.
- Bain, C. 2010. *Biofuels, Climate Changes, and Local Environmental Vulnerabilities*. International Sociological Association XVII World Congress of Sociology, Gothenburg, Sweden. July.
- Liu, H.,\* C. Bain and A. Prokos. 2010. *Community Support of Ethanol Plants: Does Local Ownership Matter?* Annual meeting of the Midwest Sociological Society. Chicago. April.
- Vazquez, J.\* and C. Bain. 2010. *U.S. Food Retailers: A Case Study in CSR and Market-Based Initiatives in Altering Production Practices*. Annual Meeting of the Association of American Geographers. Washington, DC. April.
- Bain, C. 2009. *Ethanol and the Global Climate Change Debate: What About Local Environmental Vulnerabilities?* Annual meeting of the Rural Sociological Society. Madison, WI. July/August.
- Bain, C. and \*H. Liu and \*M. Petrehn. 2009. *Environmental Sustainability and Rural Communities: What Role for Locally Controlled Ethanol Production?* Annual meeting of the Agriculture, Food, and Human Values Society, College Park. PA. May.
- Selfa, T. and L. Kulcsar, G. Middendorf, R. Goe and C. Bain. 2009. *The Biofuels Revolution? The Promises and Perils of Biofuels Development for Rural Communities*. Annual meeting of the Agriculture, Food, and Human Values Society. College Park, PA. May.
- Bain, C. and \*M. Hoffman. 2008. *Constructing the Local: Ethanol Plant Ownership in Iowa*. Annual meeting of the Rural Sociological Society. Manchester, NH. July, 2008.
- Bain, C. 2008 *Technoscientific Governance Strategies: Implications of GLOBALGAP Certification for Worker Health and Safety in Chile*. Annual meeting of the Rural Sociological Society. Manchester, NH. July.
- Bain, C. 2006. *Standards for Whom? Standards for What? The Regulation of Agricultural Labor in Chile and its Gendered Effects*. Annual meeting of the American Sociological Association. Montreal, Canada. August.
- Busch, L., Bain, C., Flores, L., Hatanaka, M., and D. Thiagarajan. 2005. *Can Third Party Certification of Food and Agricultural Products Enhance Social Justice?* Annual meeting of the Rural Sociological Society, Tampa, FL, August.
- Bain, C. and L. Busch. 2004. *'Corporate Social Responsibility:' Bringing the 'triple bottom line' to Supermarkets and the Fast Food Industry*. Annual meeting of the Rural Sociological Society, Sacramento, California, August.

- Busch, L. and C. Bain. 2004. 'Corporate Social Responsibility: Bringing the 'triple bottom line' to Supermarkets and the Fast Food Industry. Meeting on New Sustainability: Corporate or Consumer Social Responsibility? Organized by Mercurius Wageningen, Wageningen, The Netherlands, March.
- Bain, C. and L. Busch. 2003. *Private Standards: Challenges and Constraints facing Michigan Blueberry Growers*. Annual meeting of the Rural Sociological Society, Montreal, July.
- Bain, C. 2003. *Food Safety Standards: How Risk Management Programs are Negotiated, Constructed and Contested in the New Zealand Meat Industry*. Annual meeting of the Agriculture, Food, and Human Values Society, Austin, Texas. June.
- Tanaka, K., E. Ransom, and C. Bain. 2003. *Networks of Actions, Agency of Networks: The Cases of New Zealand and South Africa in the Global Red Meat Chain*. Annual meeting of the Agriculture, Food, and Human Values Society, Austin, Texas. June.
- Tanaka, K. and C. Bain. 2000. *(De)regulating the Quality? Restructuring the Regulatory Regime for the Agrifood Industry. The Case of the Meat Industry in New Zealand*. Annual meeting of the Rural Sociological Society, Washington DC. August.

**Invited Presentations** (\*graduate student as co-author; \*\*undergraduate student as co-author)

- Bain, C. 2019. *Access and Ownership Conference - Policy ePanel. CRISPR, Agriculture, Intellectual Property and Public Interest*. Keystone Symposia. October 25, 2019
- Bain, C. 2019. *How Intellectual Property Control and Access Influence Stakeholders' Views on CRISPR use in Agriculture and Food*. Control & Access: Intellectual property and CRISPR-Cas Gene Editing for Innovation in Crop Agriculture. October 24-25, 2019. Keystone, CO. Invited and funded by OECD Co-operative Research Programme Trade and Agriculture Directorate
- Bain, C., E. Ransom and \*I. Halimatusa'diyah. *Dairy Livestock Interventions for Food Security in Uganda: What are the implications for Women's Empowerment?* Department of Nutrition. Penn State University. November 11, 2019
- Bain, C. 2019. Gene Editing Roundtable: "How do we get this right"? Panelist. *BIO World Congress on Industrial Biotechnology*. July 10, 2019. Des Moines, IA
- Bain, C. and E. Ransom. 2017. *Dairy Livestock Interventions for Food Security in Uganda: What are the Implications for Women's Empowerment?* Workshop on Contemporary Efforts to Transform African Agriculture: Actors, Institutions, and Ideas." Sponsored by the African Studies Initiative, University of Minnesota. August. Minneapolis, MN.
- Bain, C. 2017. *The GMO Debate: What role for Food Labels in Building Trust?* Panel on Issues of Scientific Trust and Credibility in the GM Debate. Graduate Program in Sustainable Agriculture Colloquium. Iowa State University. November.
- Southard, E.\*\* and C. Bain. 2017. *Confronting the Challenge of Glyphosate Resistant Weeds: Midwest Soybean Farmers' Perceptions and Management*. International Association of Students in Agriculture and Related Sciences. USA National Summit; Iowa State University, Ames, IA; April 8th, 2017.
- Bain, C. 2016. *The Fight over (non)GMO Labeling: A Sociological Perspective*. Midwest and MidContinental Chapter Medical Library Association Meeting. Des Moines, IA. Oct, 2016.

- Bain, C. 2016. *Understanding the GMO Labeling Debate*. National Press Foundation. Exploring the Future of Food and Agriculture. St Louis, MO. July 24-27, 2016.
- <http://nationalpress.org/topic/food-labeling-debate/?st=5325&t=Food&mm=Story>
- Bain, C. 2015. *The Fight over GMO Food Labeling*. National Press Foundation. Food, From Farm to Table. St Louis, MO. July 19-22, 2015.
- Bain, C. 2014. *Global Perspectives: Consumers Value Associations & Food Systems*. Panel presentation for international media hosted by CropLife International. Borlaug Dialogue. Des Moines, Iowa. October 15, 2014.
- Bain, C. 2014. *GMOs as a Wicked Problem: Social Movements, Political Consumerism and the Fight over GM Labeling*. National Academy of Sciences, Meeting of the Committee on Genetically Engineered Crops: Past Experience and Future Prospects. Washington, DC. September 15-16, 2014.
- Selfa, T., C. Bain, \*R. Moreno, A. Eastmond, S. Sweitz, C. Bailey, T. Martins, G. Simas Pereira, R. Medeiros. 2014. *Dimensiones Socioeconómicas y Sostenibilidad de los Combustibles en las Américas: Ejemplos de EEUU, Colombia, Mexico y Brasil*. Presented to Departamento de Ciencias Sociales, Facultad de Agronomía, Universidad de la República, Montevideo, Uruguay, June 2, 2014.
- Bain, C. 2014. *Genetically Modified Foods and the Fight over GM Labeling in the US*. Department of Horticulture, Iowa State University, 2014 Spring Seminar Series. March.
- Bain, C., T. Selfa and \*R. Moreno. 2012. *Sugarcane Ethanol Production in Colombia: Assessing the potential of Bonsucro Certification for Addressing Land and Water 'Grabs.'* International Workshop on: Governing Sustainable Agriculture through Multi-Stakeholder Initiatives: Participation, Knowledge and Networks in Action. Sponsored by the Research Unit MOISA, the University of Roskilde, and CIRAD. Montpellier, France December 12-14, 2012.
- Bain, C. 2012. *Standards and Laws*. Bioenergy Futures: Technical Feasibility Meets Social Sustainability. An invitational workshop sponsored by the Sustainable Michigan Endowment Project (SMEP) and Michigan State University's AgBioResearch. East Lansing, MI Nov 29-Dec 1.
- Ransom, E. and C. Bain. 2012. *Including the Excluded?: An Analysis of International Agricultural Development Assistance Focus on Marginalized Populations, 1978-2008*. Food Security and the Environmental Crisis Symposium. XIII World Congress of Rural Sociology. Lisbon, Portugal. July/August
- Loneragan, S. M., C. Bain, J. Colletti, S. Taylor, G. Zdorkowski. 2012. *Enhancing Learning in the International Arena*. Proceedings of the 65<sup>th</sup> Reciprocal Meats Conference. June 20, 2012. Fargo, North Dakota.
- Bain, C. 2012. *Social Sustainability – What are Illustrations of Social Sustainability Research that Could Inspire Curriculum Development?* The Tall Grass Prairie Project - Infusing Sustainability into Iowa State University's Curriculum through Faculty Learning Communities. Ames, Iowa. May 15-16, 2012.
- Bain, C. 2011. *Presenter and participant*. Land for Bioenergy: Ecological, Economic and Societal Aspects Workshop. Lorentz Center, Leiden, The Netherlands. November 14-17.
- Bain, C. 2011. *Community Perceptions of the Promises and Perils of Biofuels Production in the Midwest*. Biofuels/Renewable Energy and Public Policy Roundtable with delegation from the

Organisation for Economic Co-operation and Development OECD) sponsored by the USDA. Iowa State University. October.

- Bain, C. 2011. *Constructing Gendered Fields of Visibility: Retailer Standards for Labor in the Chilean Export Fresh Fruit Sector. Gendered Commodity Chains: Bringing Households and Women into Global Commodity Chain Analysis*. Annual Conference of the Fernand Braudel Center. University of Binghamton, Binghamton NY. October.
- Bain, C. 2009. *Social and Community Level Impacts of Biofuel Production in the Upper Midwest*. National Academy of Sciences workshop on Expanding Biofuel Production: Sustainability and the Transition to Advanced Biofuels, Lessons from the Upper Midwest for Sustainability. Madison, Wisconsin. June.
- Bain, C. 2008. *Community Attitudes, Perspectives, and Impacts Associated with Ethanol Plants. Sustainability of Biofuels Symposium*. Kansas State University. September.
- Bain, C. 2008. *Constructing Local Ownership. An Assessment of Ethanol Plant Ownership in Iowa*. Growing the Bioeconomy: From Foundational Science to Sustainable Practice. Iowa State University. September.
- Bain, C. 2008. *The Social Dimensions of the Bioeconomy*. Biofuels and the Rural Economy: A roundtable workshop sponsored by The Center for Towncraft. Perry, IA. May.
- Bain, C. 2008. *Corporate Social Responsibility in the Global Value Chain: An Assessment of EurepGAP Certification for Improving Farmworker Health and Safety*. Graduate Program in Sustainable Agriculture Colloquium. April.
- Bain, C. 2007. *Corporate Social Responsibility in the Global Marketplace*. Lifelong Education/Evening College Speaker Series: International Issues. March.
- Bain, C. 2006. *Global Agrifood Standards: The Regulation of Chilean Agricultural Labor*. Center for Latin American and Caribbean Studies Advanced Seminar Series. MSU. September.
- Bain, C. 2006. *Standards for Corporate Social Responsibility: What do they mean for Agricultural Workers in Chile?* Department of Industrial and Organizational Psychology, Departmental Colloquia, MSU. September.
- Busch, L., C. Bain, M. Hatanaka, and L. Flores. 2006. *Consequences of Third-party Certification of Food and Agricultural Products in Ghana, Guatemala, and Indonesia*. CASID/WID Friday Forum. MSU. January.

### **Poster Presentations** (\*\*undergraduate student as co-author)

- Hugen, E.\*\* and C. Bain. 2019. *Social Implications of Gene Edited Foods*. Science with Practice. ISU. Dec.
- Hugen, E.\*\* and C. Bain. 2019. *Identifying Gaps in Public Trust and Governance in Gene-Edited Foods*. Science with Practice. ISU. May.
- Freund, A.\*\* and C. Bain. 2018. *Identifying Gaps in Public Trust and Governance in Gene-Edited Foods*. Science with Practice. ISU. Dec.
- Stringer, K.\*\* and C. Bain. 2018. *Soc 350X: Women in Agriculture and the Food System Teaching Assistance*. Science with Practice. ISU. Dec
- Perkins, L.\*\* and C. Bain. 2018. *My Teaching Assistant Role for Soc 325: Transition in Agriculture*. Science with Practice. ISU. April.

- Miller, E.\*\* and C. Bain. 2017. *Understanding Approaches to Social Change for Women: An Analysis of Dairy Development Efforts in Uganda*. Science with Practice. ISU. Dec.
- Southard, E.\*\* and C. Bain. 2017. *Confronting the Challenge of Glyphosate Weed Resistance: How are Soybean Farmers' Perceiving and Managing the Problem?* College of Agriculture and Life Sciences Sustainability Symposium, ISU, Ames, Iowa.
- Southard, E.\*\* and C. Bain. 2017. *Confronting the Challenge of Glyphosate Weed Resistance: How are Soybean Farmers' Perceiving and Managing the Problem?* Symposium on Undergraduate Research and Creative Expression, ISU, Ames, Iowa.
- Southard, E.\*\* and C. Bain. 2017. *Midwest Soybean Farmers' Perceptions and Management of Glyphosate Resistant Weeds*. Research in the Capitol. Des Moines, Iowa.
- Southard, E.\*\* and C. Bain. 2017. *The National Bioengineered Food Disclosure Standard: How Did We Get Here & What Does It Mean?* Science with Practice. ISU. April.
- Fisher, H.\*\* and C. Bain. 2016. *Understanding and Evaluating Societal Attitudes Towards Genetically Modified (GM) Foods and Crops*. Science with Practice. ISU. April.
- Southard, E.\*\* and C. Bain. 2016. *Midwest Soybean Farmers' Perceptions and Management of Glyphosate Resistant Weeds*. Science with Practice. ISU, Ames, Iowa. December.
- Southard, E.\*\* and C. Bain. 2016. *Addressing Food Insecurity in Uganda: The Role of Women's Empowerment in Dairy Production*. Science with Practice. ISU. April.
- Fisher, H.\*\* and C. Bain. 2015. *Understanding and Evaluating Changing Societal Attitudes Towards Genetically Modified (GM) Foods and Crops*. Science with Practice. ISU. Dec.
- Southard, E.\*\* and C. Bain. 2015. *Women's Empowerment, Food Security and Farm Productivity*. Science with Practice. ISU. April.

## Media and Interviews about Research

### International

- Research Highlights. "Glyphosate Resistance: Of Superweeds and Survivors." *Nature Plants*. 3:17078. May 15, 2017. <https://www.nature.com/articles/nplants201778>
- Interviewed for "Bringing Back the Human Side to Ag" *AgriBusiness Global*. May 25, 2016. <http://www.agribusinessglobal.com/agrichemicals/bringing-the-human-side-back-to-ag/>
- Interviewed for "Facts, not fears, the key to dealing with GM foods." *The Straits Times*. Singapore. April 1, 2016. <http://www.straitstimes.com/tech/facts-not-fears-the-key-to-dealing-with-gm-foods>
- Interviewed for "Emotion, politics take over in US GMO labelling debate, science left out." *ABC (Australia Broadcasting Corporation)* July 30, 2015. <http://www.abc.net.au/news/2015-07-30/usa-gmo-labelling-debate/6659872>
- Featured in "GMO labeling debate: Controversy over genetically modified organism driven by politics and emotions, not science, sociologist says." *International Business Times*. July 30, 2015. <http://www.ibtimes.com/gmo-labeling-debate-controversy-over-genetically-modified-organisms-driven-politics-2031571>

### National

- Interviewed for "GMOs symbolize broader concerns." *Feedstuffs*. Vol 88 (9): September 5, 2016.



Featured in “Obama signs law mandating GMO labeling. *AmericaNow*. August 1, 2016. <http://www.americanow.com/story/health/2016/08/01/obama-signs-law-mandating-gmo-labeling>

Featured in “Campbell’s decision to label GMOs destroys Monsanto’s main argument against labeling.” *Alternet*. January 15, 2016. <http://www.alternet.org/food/campbells-decision-label-gmos-destroys-monsantos-main-argument-against-labeling>

Interviewed for “Campbell’s GMO move heralds change in labeling debate.” *Politico*. January 12, 2016 <https://www.politicopro.com/home>

Featured in “Campbell’s will label GMOs—and the sky will not fall.” *Organic Consumers Association*. January 12, 2016. <https://www.organicconsumers.org/blog/campbell%E2%80%99s-will-label-gmos%E2%80%94and-sky-will-not-fall>

Featured in “Campbell could stir up GMO labeling fight. *Dairy Business*. January 15, 2016. <http://dairybusiness.com/dbc-story.php?id=224599&title=#sthash.sld63HZd.dpbs>

Interviewed for “Congress is having a messy food fight over GMO labeling.” *The Verge*. August 4, 2015. <http://www.theverge.com/2015/8/4/9094579/the-gmo-labeling-debate-is-scrambling-partisan-lines>

Featured in “Congress continues churning GMO labeling legislation.” *Press Examiner*. August 4, 2015 <http://www.pressexaminer.com/congress-continues-churning-gmo-labeling-legislation/22930>

Featured in “GMO labeling becomes ‘proxy’ for consumer preferences.” *NPR’s Harvest Public Media*. July 31, 2015. <http://harvestpublicmedia.org/article/gmo-labeling-becomes-%E2%80%98proxy%E2%80%99-consumer-preferences>

Featured in “Com Sociologist says GMO controversy driven by emotions.” *CattleNetwork*. July 30, 2015. <http://www.cattlenetwork.com/news/industry/sociologist-says-gmo-controversy-not-driven-emotions>

Featured in “GE Critics Range as Skeptics.” *The Progressive Farmer*. September 17, 2014. [http://www.dtnprogressivefarmer.com/dtnag/common/link.do;jsessionid=39435D6C76941253EA2AAB8C2FEB86AC.agfreejvm1?symbolicName=/free/news/template1&product=/ag/news/bestofdtnpf&vendorReference=0cf7aea6-4215-4d9a-a056-582066285d77\\_1410970599329&paneContentId=3030&paneParentId=0&pagination\\_num=2](http://www.dtnprogressivefarmer.com/dtnag/common/link.do;jsessionid=39435D6C76941253EA2AAB8C2FEB86AC.agfreejvm1?symbolicName=/free/news/template1&product=/ag/news/bestofdtnpf&vendorReference=0cf7aea6-4215-4d9a-a056-582066285d77_1410970599329&paneContentId=3030&paneParentId=0&pagination_num=2)

### **Local/Regional**

Interviewed for “Agriculture: Women taking new roles.” *The Courier*. Ohio. March 16, 2018. <http://thecourier.com/local-news/2018/03/16/agriculture-women-taking-new-roles/>

Interviewed for “Agriculture: Men and women may approach agriculture from different angles.” *The Courier*. Ohio. March 16, 2018. <http://thecourier.com/local-news/2018/03/16/agriculture-men-and-women-may-approach-agriculture-from-different-angles/>

Interviewed for “As Organic Industry Grows, It Edges Toward Mainstream.” *Iowa Public Radio*. May 30, 2017. <http://iowapublicradio.org/post/organic-industry-grows-it-edges-toward-mainstream#stream/0>

Interviewed for “GMO labeling issue far from finished.” *The Dickinson Press*. North Dakota. August 8, 2016. <http://www.thedickinsonpress.com/news/agriculture/4089901-gmo-labeling-issue-far-finished>

Interviewed for “Food industry, which opposed GMO labeling, now embraces it.” *St Louis Dispatch*. July 29, 2016. [http://www.stltoday.com/business/columns/david-nicklaus/food-industry-which-opposed-gmo-labeling-now-embraces-it/article\\_072d3d5b-a166-5dc4-986b-2f92c7566c13.html](http://www.stltoday.com/business/columns/david-nicklaus/food-industry-which-opposed-gmo-labeling-now-embraces-it/article_072d3d5b-a166-5dc4-986b-2f92c7566c13.html)

Featured in “King, Collins should stand with Mainers on GMO labeling.” *Bangor Daily News*. Maine. April 30, 2016 <http://bangordailynews.com/2016/03/10/opinion/contributors/king-collins-should-stand-with-mainers-on-gmo-labeling/>

Interviewed for “Big Food no longer has a united front on GMO labeling.” *St Louis Dispatch*. January 11, 2016. [http://www.stltoday.com/business/columns/david-nicklaus/nicklaus-big-food-no-longer-has-a-united-front-on/article\\_2bd2dab4-06e9-54c9-a6e9-cbdc78c72bbb.html](http://www.stltoday.com/business/columns/david-nicklaus/nicklaus-big-food-no-longer-has-a-united-front-on/article_2bd2dab4-06e9-54c9-a6e9-cbdc78c72bbb.html)

Interviewed for “Societal Perceptions on GMOs” *Iowa Agribusiness Radio Network*. December 8, 2015. <http://www.iowaagribusinessradionetwork.com/isu-sociologist-carmen-bain-on-societal-perceptions-on-gmos/>

Featured in “Amid the GMO labeling fight, industry experts weigh in.” *Tampa Bay Times*. July 23, 2015. <http://www.tampabay.com/features/food/general/amid-the-gmo-labeling-fight-industry-experts-weigh-in/2238522>

Featured in “GMO label debate a ‘wicked’ problem.” *Capital Press*. July 24, 2015. [http://www.capitalpress.com/Nation\\_World/Nation/20150724/gmo-label-debate-a-wicked-problem](http://www.capitalpress.com/Nation_World/Nation/20150724/gmo-label-debate-a-wicked-problem)

Featured in “GMO debate a ‘wicked problem’” *Joplin Globe*. August 8, 2015 [http://www.joplinglobe.com/news/local\\_news/gmo-debate-a-wicked-problem/article\\_e7b0296b-4475-5b0c-8f97-2f51f15c6cc8.html](http://www.joplinglobe.com/news/local_news/gmo-debate-a-wicked-problem/article_e7b0296b-4475-5b0c-8f97-2f51f15c6cc8.html)

Featured in “GMO debate reaches new peak with ‘voluntary labeling’ bill.” *Investigate Midwest*. August 4, 2015. <http://investigatemidwest.org/2015/08/04/gmo-debate-reaches-new-peak-with-voluntary-labeling-bill/>

Interviewed for “Careful Food formulations can yield trendy label claims.” *Harvest Public Media*. June 9, 2015 <http://harvestpublicmedia.org/article/careful-food-formulation-can-yield-trendy-label-claims>

## Media and Interviews about Teaching and Advising

Television: “Invisible Farmers: A Historical Overview of Women in US Agricultural Production.” *C-Span. Lectures in History*. Sept 10, 2019 <https://www.c-span.org/video/?463709-1/women-farm-work-20th-century>

News Article. “Self-Reflection to Social Change.” Vol 13(1). 2019. *Stories in Agriculture and Life Sciences*. <https://stories.cals.iastate.edu/2019/07/self-reflection-to-social-change/>

News Article. “New Iowa State University Course Examines Changing Role of Women in U.S. Agriculture.” Dec 27, 2018. <https://www.cals.iastate.edu/news/releases/new-iowa-state-university-course-examines-changing-role-women-us-agriculture> Published in *Nevada Journal, Mapleton Press, Successfully Farming, Tri-County Times, The World Seeds*

## Service

### Professional

*Rural Sociology*

Associate Editor, 2014-2017

*Rural Sociological Society*

Member, Council (2013-2014)

Awards Committee (2011-2015)

Chair (2014)

Chair-elect (2013)

Sociology of Agriculture and Food Research Interest Group (SAFRIG)

Chair (2009-2010)

Co-Chair (2008-2009)

Graduate Student Paper Award Committee (2010-2012)

*International Sociological Association, Research Committee on Agriculture and Food (RC40)*

Secretary/Treasurer (2010-2014)

Executive Committee (2014-2018)

*XIV World Congress of Rural Sociology, Toronto, Canada, 2016*

Member, Program Committee (2014-2016)

*Online Journal of Rural Research & Policy*

Editorial Board Member (2007 – Present)

Reviewer for Journal Manuscripts

*Agriculture and Human Values* (2006-present)

*Environmental Sociology* (2016)

*Gender & Society* (2010)

*Gender, Technology and Development* (2018)

*Food Policy* (2011; 2012)

*Land Use Policy* (2014; 2017)

*International Journal of Sociology of Agriculture and Food* (2008-present)

*Journal of Cleaner Production* (2014)

*Journal of Rural Social Sciences* (2010)

*Journal of Rural Studies* (2007-present)

*Regulation & Governance* (2012, 2013)

*Research & Policy* (2009)

*Rural Sociology* (2007-present)

*Sociologia Ruralis* (2010)

*Southern Rural Sociology* (2009)

Book Reviewer

*The Sociology of Food and Agriculture*. (2011). Michael Carolan. Earthscan, UK

Chapter Reviewer

*Waste Matters: New Perspectives on Food and Society*. (2012) David Evans, Hugh Campbell and Anne Murcott (eds). Wiley-Blackwell.

*The Fight Over Food*. (2007). Wynne Wright and Gerad Middendorf (eds) PA: Penn State University Press.

Grants Reviewer

USDA-NIFA. Social Implications of Food and Emerging Agricultural Technologies. (2018)

USDA, NIFA Foundational Program in Bioenergy, Natural Resources, and Environment (BNRE) under the research program “Socioeconomics Implications and Public Policy Challenges of Bioenergy and Bioproducts Market Development and Expansion” (2016)  
Marsden Fund, Royal Society of New Zealand. Social Science Panel (2016)  
National Science Foundation (NSF), Science and Society Program (2008)

### **Community**

World Food Prize, Global Youth Institute. Panel Expert. The World Food Prize. Des Moines, Iowa. October. (2014; 2016).  
World Food Prize, Iowa Youth Institute. Panel Expert. Iowa State University. April. (2012; 2014-2019).

### **University**

Faculty Senate (elected), CALS At-Large Faculty Representative (2014-2016; re-elected 2016-present)  
Faculty Development and Administrative Relations (FDAR) Council (2016-present)  
Faculty Review Board (FRB) (2017-2019)  
Butler Travel Fund Award for International Studies in Sustainable Agriculture, Member (2009-2012)  
Graduate Program in Sustainable Agriculture (GPSA), Coordinating Committee Member (2009-2013)

### **ISU College of Agriculture and Life Sciences (CALS)**

Academic Affairs Committee, Member (2019-present)  
Curriculum Committee, Member (2007-2013)  
Judge, Global Resource Systems 401/401H Senior Poster Symposium, (2019)  
Outcome Assessment Committee, Member (2007-present)  
Student Recruitment Committee, Member (2007-present)

### **ISU Department of Sociology**

Undergraduate Curriculum Committee, Member (2007-present)

### **Professional Associations and Affiliations**

Crop Bioengineering Center, Iowa State University, Member.  
Graduate Program in Sustainable Agriculture, Iowa State University. Faculty.  
International Sociological Association, Research Committee on Sociology of Agriculture and Food (RC40)  
Rural Sociological Society  
Women’s and Gender Studies Program, Iowa State University. Faculty Affiliate