

Carrie Chennault

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EDUCATION

PhD Candidate and Brown Graduate Fellow, Iowa State University

Expected Graduation: Spring 2019

Advisor: Dr. Ann Oberhauser

Department: Sociology

Major: Sustainable Agriculture, Minor: Women's and Gender Studies

Thesis: A Feminist Political Ecology of Local and Emergency Food Systems in Iowa

MS, Iowa State University, 2014

Advisors: Dr. Lisa Schulte Moore and Dr. John Tyndall

Department: Natural Resource Ecology & Management

Major: Sustainable Agriculture

Thesis: People in Ecosystems/Watershed Integration: Visualizing Ecosystem Services

Tradeoffs in Agricultural Landscapes

BA, The University of Texas at Austin, 2008

Major: Plan II Honors Program

BBA, The University of Texas at Austin, 2008

Major: Accounting

RESEARCH INTERESTS

Theories: Feminist Political Ecology, Queer Theories

Methods: Community-Engaged Research, Feminist Ethnography, Queer Autoethnography

Topics: Food & Environmental Justice

PROFESSIONAL EXPERIENCE

Research Assistant, Local Foods Program, ISU Extension & Outreach

Program Areas: Community Development, Equity & Inclusion, 2016-2018

Research Assistant, SNAP-Education Program, ISU Extension & Outreach

Program Area: Growing Together Iowa, 2016-2018

Research Assistant, ISU Department of Natural Resource Ecology & Management,

Landscape Ecology and Sustainable Ecosystem Management Lab, 2013-2015

HONORS & AWARDS

Brown Graduate Fellow, ISU Office of the Vice President for Research, 2015-2016, \$10,000

The Science for Public Good Fund Grant, Union of Concerned Scientists, 2017, awarding Angela Carter, Carrie Chennault, and Ahna Kruzic, \$1000

Creativity in Service to All Iowans Award, ISU Extension & Outreach, 2017, awarding the Growing Together project team

Michigan State University Summer Intensive on Community-Engaged Scholarship, 2016, ISU Local Foods Program professional development support, \$1400

Print and Grace Powers Hudson Scholarship in Agriculture, ISU College of Agriculture and Life Sciences, 2014-2015, \$1000

Live Green! Award of Excellence in Sustainability, awarding the Sustainable Agriculture Student Association for work with Food at First, 2014

OTHER AWARDS

SNAP-Education Program support, ISU Extension & Outreach, 2018, for attendance at the Place-Based Food Systems Conference, \$1100

Graduate Program in Sustainable Agriculture Professional Development Grant, ISU, 2018, for attendance at the Place-Based Food Systems Conference, \$460

SNAP-Education Program support, ISU Extension & Outreach, 2018, for attendance at the Dimensions of Political Ecology Conference, \$320

Graduate Program in Sustainable Agriculture Professional Development Grant, ISU, 2018, for attendance at Dimensions of Political Ecology Conference, \$220

SNAP-Education Program support, ISU Extension & Outreach, 2017, for attendance at the 24th Annual Critical Geography Conference, \$400

SNAP-Education Program support, ISU Extension & Outreach, 2017, for attendance at the Feminist Geography Conference, \$550

SNAP-Education Program support, ISU Extension & Outreach, 2017, for attendance at the Dimensions of Political Ecology Conference, \$950

Agricultural Education & Studies support, ISU, 2017, for attendance at the Feminist Geography Conference, \$70

Graduate Program in Sustainable Agriculture Professional Development Grant, ISU, 2016, for attendance at 6th International Conference on Food Studies, \$600

Agricultural Education & Studies support, ISU, 2016, for attendance at 6th International Conference on Food Studies, \$275

Preparing Future Faculty program, ISU, 2016

Natural Resource Ecology & Management departmental support, ISU, 2015, for attendance at 9th Annual IALE World Congress, \$200

Graduate Program in Sustainable Agriculture Professional Development Grant, ISU, 2014, for attendance at ACES Conference, \$600

ISU Graduate College Professional Advancement Grant, 2014, for attendance at ACES Conference, \$200.

Natural Capital Project scholarship, 2014, for attendance at Natural Capital Project Annual Meeting, \$200

Graduate Program in Sustainable Agriculture Professional Development Grant, 2014, for attendance at Natural Capital Project Annual Meeting, \$600

ISU Graduate College Professional Advancement Grant, 2014, for attendance at Natural Capital Project Annual Meeting, \$200

Natural Resource Ecology & Management departmental support, ISU, 2014, for attending the Natural Capital Project Annual Meeting, \$200.

GRANT SUPPORT

As collaborator (50% effort plus graduate student support): USDA SNAP-Education, Food Assistance Nutrition Education State Plan Funding, FY 2017-2019. PI: Hradek.

As collaborator (100% effort plus graduate student support): McKnight Foundation, PEWI: People in Ecosystems Watershed Integration. PI: Schulte.

PUBLICATIONS

Refereed publications

- [1] Carter, A., **C. Chennault**, and A. Kruzic. 2018. Public action for public science: Re-imagining the Leopold Center for Sustainable Agriculture. *Capitalism Nature Socialism*, 29(1), 69-88. doi: 10.1080/10455752.2017.1423364.
- [2] Dankbar, H., E. Zimmerman, **C. Chennault**, A. Basche, J. Nester, M. Pierre, and G. Roesch-McNally. 2017. Lettuce learn: Student reflections on building and sustaining a community donation garden. *Journal of Critical Thought and Praxis*, 6(3), Article 5.

- [3] **Chennault, C.**, L. Schulte, and J. Tyndall. 2016. PEWI: A web-based learning tool for evaluating ecosystem service tradeoffs from watersheds. *Journal of Soil and Water Conservation*, 71(2), 31A-36A. doi:10.2489/jswc.71.2.31A
- [4] Huang, S., G. Hu, **C. Chennault**, L. Su, E. Brandes, E. Heaton, L. Schulte, L. Wang, and J. Tyndall. 2016. An Agent-based simulation model of farmer decision making on bioenergy crop adoption. *Energy*, 115(1), 1188-1201. doi: 10.1016/j.energy.2016.09.084.

Manuscripts in review

- [5] **Chennault, C.** The path to radical vulnerability: Feminist praxis and community food collaborations. In B. Gökarksel, M. Hawkins, C. Neubert & S. Smith (Eds.), *Feminist Geography Unbound: Intimacy, Territory & Embodied Power*. In J. Fluri & A. Trauger (Eds.), Gender, Feminism, and Geography Book Series. Morgantown, WV: West Virginia University Press. Invited chapter, under review.
- [6] **Chennault, C.**, L. Klavitter, and L. Sutton. Visceral encounters in community gardens: A political ecology of food, land, and housing in Dubuque, Iowa. Manuscript under review.

Manuscripts in progress

- [7] **Chennault, C.** Co-experimenting with new ways of thinking and doing community: The potential for radical relationality in food systems.
- [8] **Chennault, C.**, R. Frahm, R. Valek, L. Roy, L. Schulte, and J. Tyndall. PEWI: An interactive web-based ecosystem services model designed for a broad public audience.

Additional publications, products & outreach

- [1] **C. Chennault**. 2018. Community donation gardening toolkit. ISU Extension & Outreach Local Foods Program: Online resource.
- [2] **C. Chennault**. 2018. Re-imagining food access in Iowa's community food systems. ISU Extension & Outreach Master Gardener Program: Winter webcast, Iowa Master Gardener YouTube channel.
- [3] Bullard, R., M. Gardezi, **C. Chennault**, H. Dankbar. 2016. Climate change and environmental justice: A conversation with Dr. Robert Bullard. *Journal of Critical Thought and Praxis*, 5(2), Article 3.

- [4] Schulte Moore, L., **C. Chennault**, N. Grudens-Schuck, J. Tyndall, and R. Valek. 2016. Getting into soil and water virtually with PEWI. *Getting into Soil and Water*.
- [5] Schulte Moore, L. and **C. Chennault**. 2015, Summer. New online tool tests ag watershed management options. *Clean Water Starts With Us*, p. 1-2.

CONFERENCE PRESENTATIONS

Invited and contributed talks

- [1] **Chennault, C.** 2018. Rethinking community food project evaluations: Visceral encounters at the Washington Neighborhood Community Garden. Presented February 24 at the Dimensions of Political Ecology Conference, University of Kentucky.
- [2] **Chennault, C.** 2017. Co-experimenting with new ways of thinking and doing: The potential for radical relationality in community food systems. Presented October 28 at the 24th Annual Critical Geography Conference, Pennsylvania State University.
- [3] **Chennault, C.** 2017. Radical struggles in ‘Growing Together’: Feminist perspectives on community donation gardens and food pantries in Iowa. Presented May 20 at the Feminist Geography Conference, University of North Carolina at Chapel Hill.
- [4] **Chennault, C.** 2017. Radical struggles in ‘Growing Together’: Feminist perspectives on community donation gardens and food pantries in Iowa. Presented February 24 at the Dimensions of Political Ecology Conference, University of Kentucky.
- [5] **Chennault, C., K. Hunt.** 2016. Locked into the paradox of food in the Anthropocene: An interdisciplinary exploration of donation gardening and community food in/security. Presented October 7 at the Food, Environment, and Agricultural Studies and the Interdisciplinary Center for the Study of Global Change Interdisciplinary Symposium on Agriculture and Society, University of Minnesota.
- [6] Schulte Moore, L.*, **C. Chennault**, R. Valek, R. Frahm, J. Tyndall. 2016. Getting into soil and water virtually with PEWI. Presented March 24 at the Iowa Water Conference, Ames, IA.
- [7] **Chennault, C., L. Schulte Moore, J. Tyndall, J. VanDyk, R. Frahm.** 2015. People in Ecosystems/Watershed Integration (PEWI): A dynamic land-use and ecosystem service tradeoffs assessment tool. Presented July 17 at the Iowa Prairie Conference, Cedar Falls, IA. (Invited)
- [8] **Chennault, C., L. Schulte Moore, J. Tyndall, J. VanDyk, R. Frahm.** 2015. People in Ecosystems/Watershed Integration (PEWI): A dynamic land-use and ecosystem service tradeoffs assessment tool. Presented July 5 at the 9th IALE World Congress, Portland, OR.

- [9] **Chennault, C.**, R. Frahm, L. Schulte Moore, J. Tyndall, J. VanDyk. 2014. People in Ecosystems/Watershed Integration: a dynamic watershed tool for linking agroecosystem outputs to land use and land cover. Presented December 8-12, 2014 at ACES: A Community on Ecosystem Services Conference, Washington, DC.
- [10] **Chennault, C.**, R. Frahm, L. Schulte Moore, J. Tyndall, J. VanDyk. 2014. People in Ecosystems/Watershed Integration. Presented March 26 at the Natural Capital Project Annual Meeting & Training, Palo Alto, CA. (Invited)
- [11] Schulte Moore, L.*, U. Anwar, E. Bennett, **C. Chennault**, R. Cooley, S. Enloe, L. Hilgemann, A. Jacob, D. Maguire, Josée Méthot, G. Metson, M. Mitchell, T. Nesme, D. Renard, M. Sheikh, I. Sutherland, E. Zimmerman, C. Ziter. 2014. Switch: nine ways to meet Iowa's nutrient reduction goals. Presented March 3 at the Iowa Water Conference, Ames, IA.
- [12] **Chennault, C.**, R. Frahm, L.A. Schulte Moore, J. Tyndall, J. VanDyk. 2014. People in Ecosystems/Watershed Integration: an interactive land-use learning tool. Presented March 3 at the Iowa Water Conference, Ames, IA.

Poster presentations

- [1] **Chennault, C.**, C. McAndrews, K. Hunt. 2018. Transforming Iowa's food systems: Community donation gardening as place-making practice. Peer-reviewed poster presented August 9 at the Place-Based Food Systems Conference, Kwantlen Polytechnic University, Vancouver, BC.
- [2] Carter, A.*, **C. Chennault**, A. Kruzic. 2018. Public action for public science: Re-imagining the Leopold Center for Sustainable Agriculture. Peer-reviewed poster presented at the Agriculture, Food, and Human Values Society and Association for the Study of Food and Society Annual Meeting, University of Wisconsin.
- [3] **Chennault, C.**, K. Hunt. 2016. Growing together: Connections among local and emergency food systems in Iowa. Peer-reviewed poster presented October 13 at 6th International Conference on Food Studies, University of California at Berkeley.
- [4] Dankbar, H.*, E. Zimmerman, **C. Chennault**, A. Basche, J. Nester, M. Pierre, G. Roesch-McNally. 2016. Lettuce learn: Interdisciplinary student reflections on developing and managing a community donation garden. Peer-reviewed poster presenting October 7 at the Food, Environment, and Agricultural Studies and the Interdisciplinary Center for the Study of Global Change Interdisciplinary Symposium on Agriculture and Society, University of Minnesota.
- [5] **Chennault, C.**, L. Schulte Moore, J. Tyndall, J. VanDyk, R. Frahm. 2015. People in Ecosystems/Watershed Integration (PEWI): A dynamic land-use and ecosystem service

tradeoffs assessment tool. Peer-reviewed poster presented October 6 at the 4-Nations Agricultural Biodiversity Conference, Ames, IA.

- [6] **Chennault, C.**, L. Schulte Moore (presenter), J. Tyndall, J. VanDyk, R. Frahm. 2015. People in Ecosystems/Watershed Integration (PEWI): A dynamic land-use and ecosystem service tradeoffs assessment tool. Peer reviewed poster presented July 5 at the 9th IALE World Congress, Portland, OR.
- [7] **Chennault, C.**, R. Frahm, L. Schulte Moore, J. Tyndall, J. VanDyk. 2014. People in Ecosystems/Watershed Integration: a dynamic watershed tool for linking agroecosystem outputs to land use and land cover. Peer reviewed poster presented December 8-12, 2014 at ACES: A Community on Ecosystem Services Conference, Washington, DC.
- [8] **Chennault, C.**, R. Frahm, L. Schulte Moore, J. Tyndall, J. VanDyk. 2014. People in Ecosystems/Watershed Integration: an interactive land-use learning tool. Peer-reviewed poster presented March 26 at the Natural Capital Project Annual Meeting & Training, Palo Alto, CA. (Invited)

TEACHING & ENGAGEMENT

Instructor

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| 2019 | Instructor of Record, WGS 201: Introduction to Women's and Gender Studies, Spring Semester, ISU Women's and Gender Studies Program (two sections) |
| 2015 | Instructor of Record, FOR/NREM 452 (Combined class with FOR/NREM 552): Ecosystem Management, Spring Semester, ISU Department of Natural Resource Ecology & Management |

Guest instructor

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| 2018 | Guest Instructor, SOC 513: Qualitative Research Methods, ISU Department of Sociology |
| 2017 | Guest Instructor, WS 402/502: Advanced Seminar in Feminist Research Methods, ISU Women's and Gender Studies Program |
| 2016 | Guest Instructor, CRP 383: Theory of the Planning Process, ISU Department of Community & Regional Planning |
| 2016 | Guest Instructor, HORT 376: Field Production of Horticultural Crops, ISU Department of Horticulture |

- 2014 Guest Instructor, FOR 451: Forest Resource Economics, ISU Department of Natural Resource Ecology & Management
- 2014 Guest Instructor, NREM 570: Advanced Decision-Making in Natural Resource Allocation, ISU Department of Natural Resource Ecology & Management

Professional development

- 2018 Equity professional development, “White supremacy culture and the workplace,” co-facilitator with Caitlin Szymanski and Chelsea Krist, ISU Extension & Outreach Local Foods
- 2018 Equity professional development, “Racism and institutional culture,” co-facilitator with Caitlin Szymanski and Chelsea Krist, ISU Extension & Outreach Local Foods
- 2017 Equity professional development, “Allyship and applying an equity lens,” co-facilitator with Caitlin Szymanski and Chelsea Krist, ISU Extension & Outreach Local Foods
- 2017 Equity professional development, “A Primer on the cycle of oppression and applying an equity lens,” co-facilitator with Caitlin Szymanski and Chelsea Krist, ISU Extension & Outreach Local Foods
- 2017 Annual team retreat, “Equity visioning session,” co-facilitator with Caitlin Szymanski and Chelsea Krist, ISU Extension & Outreach Local Foods

Public engagement

- 2017 Regional Food Systems Working Group Quarterly Meeting, “National policy and the farm bill,” co-presenter with Anna Johnson and Caitlin Szymanski
- 2017 ISU Extension & Outreach Cass County Spring Garden Seminar, “Dare to share your garden,” invited co-presenter with Catherine Booth
- 2016 ISU Extension & Outreach, Master Gardener Program, Donation gardening trainings, co-facilitator with Laura Irish
- 2016 World Food Prize Iowa Youth Institute, Immersion session leader, “Food security in Iowa,” invited co-presenter with Emily Zimmerman and Hannah Dankbar
- 2015 PEWI guest lecture and lab, invited presentation at Des Moines Brody Middle School, 7th grade science classrooms

2015 PEWI workshop, invited presentation co-hosted by Prairie Rivers of Iowa at Des Moines Area Community College, Boone IA

Undergraduate supervision

2017 Whitney Pokorny and Heather Pamperin, ISU Extension & Outreach

2014-2015 Assata Caldwell, NREM Landscape Ecology Lab

2013-2014 Ryan Frahm and Laura Roy, NREM Landscape Ecology Lab

2013 Nathan Wesely and Justin Choe, NREM Landscape Ecology Lab

ADDITIONAL PROFESSIONAL EXPERIENCE

2012-2013 Sponsored Programs Accountant, Office of the Controller, Iowa State University, Ames, Iowa USA

2009-2012 Consultant, Sense Corp, Austin, Texas USA; Projects: Solution architecture lead business analyst at general aviation services client, Business intelligence analyst at two broadband telecommunication clients, Communications and outreach strategy analyst at a cancer education philanthropic organization

2008-2009 Finance & Accounting Intern, Texas Orthopedic Group, Austin, Texas USA

2007-2008 Forensic Accounting Intern, Glasgow Forensic Accounting Group, Washington, DC USA & Douala, Cameroon; Projects: Forensic auditor of an International Finance Corporation service provider and of a Fortune 500 global electric power company

2003-2004 Deputy Chief of Mission Office Management Specialist, U.S. Embassy in Rwanda

RESEARCH METHODS & COMPUTING COURSEWORK

Introduction to Statistical Computing*

Statistics Methods for Research Workers*

Qualitative Research Methods*

Critical Issues in Qualitative Inquiry**

Special Topics Seminar in Qualitative Research**

Independent Study in Feminist Methodologies**

* denotes master's coursework; ** denotes doctoral coursework

SERVICE & ACTIVITIES

Editorial Duties

Journal of Critical Thought and Praxis, Associate editor, 2015-2016

Journal of Critical Thought and Praxis, Reviewer, 2013-2014

Field Notes NREM graduate student publication, Associate editor & treasurer, 2013-2015

Student Organizations

ISU Sustainable Agricultural Student Association, Member 2013-present

ISU NREM Graduate Student Organization, Secretary and member, 2014-2015

ISU Student Organic Farm, Member farmer, 2013

Community and Activism

Iowa Sustainable Agriculture / Leopold Center for Sustainable Agriculture Friends, Group co-facilitator and member, 2017-present

Wheatsfield Cooperative Grocery, Board of directors, treasurer & finance committee chair, 2014-2016 and finance committee member, 2013

Food at First community garden, Co-leader and volunteer, 2014-2017

Food at First meal program, Meal service volunteer chef, 2013-2017

Iowa Farmers Union

Women, Food & Ag Network

Union of Concerned Scientists

COMPUTER SKILLS

Qualitative Analysis: Nvivo

Applications: L^AT_EX, R Studio

Mathematical Computing: R, SAS

Languages: SQL