

# Carrie Chennault

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## EDUCATION

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### **PhD, Iowa State University, 2019**

Advisor: Dr. Ann Oberhauser

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

Thesis: A Feminist Political Ecology of Food Justice in Iowa

### **MS, Iowa State University, 2014**

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

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

## PROFESSIONAL APPOINTMENTS

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### **Postdoctoral Fellow, Colorado State University, August 2019 – Present**

Advisors: Melissa McHale, Department of Ecosystem Science & Sustainability and  
Joshua Sbicca, Department of Sociology

## RESEARCH INTERESTS

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Feminist & Black Geographies | Political Ecology |

Urban Sustainability | Food & Agriculture | Anti-Racism | Environmental Justice & Equity |

Participatory Research | Scholar-Activism | Ethnography | Data Visualization

## HONORS & AWARDS

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Sustainability Leadership Fellow, CSU School of Global Environmental Sustainability, 2020  
– 2021

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

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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

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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

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##### *Refereed publications*

- [1] **Chennault, C.** (in press). The path to radical vulnerability: Feminist praxis and community food collaborations. In B. Gökarıksel, 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. (Peer-reviewed chapter)
- [2] **Chennault, C.,** R. Valek, L. Schulte, and J. Tyndall. 2020. PEWI: An interactive web-based ecosystem service model for a broad public audience. *Ecological Modelling*. 431. doi: 10.1016/j.ecolmodel.2020.109165.

- [3] **Chennault, C.**, L. Klavitter, and L. Sutton. 2019. Visceral encounters in community gardens: A political ecology of urban food, land, and housing in Dubuque, Iowa. *Social Sciences*, 8(4), 122. doi: 10.3390/socsci8040122.
- [4] 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.
- [5] 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.
- [6] **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.
- [7] 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 / in progress*

- [8] **Chennault, C.** Radical struggles for life: Placing Black feminist geographies in new food activism. *Revise and Resubmit*.
- [9] **Chennault, C.** and J. Sbicca. Prison agriculture in the United States: The disciplinary matrix of exploitation and rehabilitation. *In Review*.
- [10] **Chennault, C.** Rethinking ‘community’ in community food systems.

*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.

#### RESEARCH EXPERIENCE

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**Postdoctoral Researcher**, Prison Agriculture Lab, CSU Department of Sociology and Urban Ecology Lab, Department of Ecosystem Science and Sustainability, 2019 – Present

**Graduate Research Assistant**, Local Foods Program, ISU Extension & Outreach  
Program Areas: Community Development, Equity & Inclusion, 2016 – 2018

**Graduate Research Assistant**, SNAP-Education Program, ISU Extension & Outreach  
Program Area: Growing Together Iowa, 2016 – 2018

**Graduate Research Assistant**, ISU Department of Natural Resource Ecology & Management, Landscape Ecology and Sustainable Ecosystem Management Lab, 2013 – 2015

#### TEACHING & ENGAGEMENT

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##### *Instructor of record*

2019      WGS 201: Introduction to Women's and Gender Studies, Spring Semester, ISU Women's and Gender Studies Program (online course, two sections)

2015      FOR/NREM 452 (Combined class with FOR/NREM 552): Ecosystem Management, Spring Semester, ISU Department of Natural Resource Ecology & Management

##### *Guest instructor*

2020      SOC 315: Applications of Qualitative Research, CSU Department of Sociology

2020      ESS 312: Sustainability Science, CSU Department of Ecosystem Science & Sustainability

2018      SOC 513: Qualitative Research Methods, ISU Department of Sociology

2017      WS 402/502: Advanced Seminar in Feminist Research Methods, ISU Women's and Gender Studies Program

2016      CRP 383: Theory of the Planning Process, ISU Department of Community & Regional Planning

- 2016 HORT 376: Field Production of Horticultural Crops, ISU Department of Horticulture
- 2014 FOR 451: Forest Resource Economics, ISU Department of Natural Resource Ecology & Management
- 2014 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 and mentorship*

2020 Kayla Redd, CSU Ecosystem Science & Sustainability

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

CONFERENCE PRESENTATIONS

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*Invited and contributed talks*

- [1] **Chennault, C.** 2020. Rethinking community to resist food insecurity: An embodied approach to growing together. American Association of Geographers Annual Meeting. Denver, Colorado. *Cancelled session due to COVID-19.*
- [2] Sbicca, J.\*, **C. Chennault.** 2020. Prison agriculture in the United States: The uneven terrain of exploitation and rehabilitation. Presented April 6 at the American Association of Geographers Annual Meeting. Denver, Colorado. *Virtual session due to COVID-19.*
- [3] Sbicca, J., **C. Chennault\***. 2020. Prison agriculture in the United States: A preliminary investigation of an uneven practice. Presenting March 14 at the Conference on Social and Ecological Infrastructure for Recidivism Reduction at Yale University. *Conference postponed until 2021 due to COVID-19.*
- [4] **Chennault, C.** 2020. Place, power, and plural knowledges: Navigating community-based initiatives in uncertain times. Panel session co-organizer, co-chair, and presenter. Presented February 28 at the Dimensions of Political Ecology Conference, University of Kentucky.
- [5] **Chennault, C.** 2020. Toward a praxis of relational life: Placing Black feminist geographies in new food activism. Presented February 29 at the Dimensions of Political Ecology Conference, University of Kentucky.
- [6] **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.

- [7] Schulte Moore, L.\*, R. Valek, **C. Chennault**, J. Tyndall. 2018. People in Ecosystems/Watershed Integration (PEWI): A dynamic land-use and ecosystem service tradeoffs assessment tool. US-IALE Annual Meeting, Chicago, Illinois.
- [8] **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 24<sup>th</sup> Annual Critical Geography Conference, Pennsylvania State University.
- [9] **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.
- [10] **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.
- [11] **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.
- [12] 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.
- [13] **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)
- [14] **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 9<sup>th</sup> IALE World Congress, Portland, OR.
- [15] **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.
- [16] **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)
- [17] 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.

- [18] **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 9<sup>th</sup> 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)

#### ADDITIONAL PROFESSIONAL EXPERIENCE

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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

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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

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### **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

### **Professional Organizations**

American Association of Geographers

Union of Concerned Scientists

Women, Food and Agriculture Network

### **Community and Activism**

Iowa Sustainable Agriculture / Leopold Center for Sustainable Agriculture Friends, Group co-facilitator and member, 2017-2018

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

## COMPUTER SKILLS

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**Qualitative Analysis:** Nvivo

**Applications:** L<sup>A</sup>T<sub>E</sub>X, R Studio

**Mathematical Computing:** R, SAS

**Languages:** SQL