

# Carrie M. Chennault

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## EDUCATION

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**PhD Candidate, Iowa State University**, Ames, Iowa USA, Expected 2018

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

Advisors: Dr. Kathleen Hunt and Dr. Ann Oberhauser

**MS, Iowa State University**, Ames, Iowa USA, 2014

Major: Sustainable Agriculture

Thesis: People in Ecosystems/Watershed Integration: Visualizing Ecosystem Services Tradeoffs in Agricultural Landscapes

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

**BA, The University of Texas**, Austin, Texas USA, 2008

Major: Plan II Honors Program

**BBA, The University of Texas**, Austin, Texas USA, 2008

Major: Accounting

## AREAS OF EXPERTISE

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Food & Environmental Justice, Feminist Political Ecology, Community-Engaged Research

## PROFESSIONAL EXPERIENCE

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**Iowa State University**, Ames, Iowa USA

2016-Present **Research Assistant**, Local Foods Program, ISU Extension & Outreach

2016-Present **Committee Member**, Local Foods Program Equity & Inclusion Committee, ISU Extension & Outreach

2016-Present **Research Assistant**, SNAP-Education Program, ISU Extension & Outreach

2014-2015 **Research Assistant**, Integrated Sustainable bioEnergy Pathways, Department of Natural Resource Ecology & Management, College of Agriculture and Life Sciences

2013-2015 **Research Assistant**, People in Ecosystems/Watershed Integration, Department of Natural Resource Ecology & Management, College of Agriculture and Life Sciences

## PUBLICATIONS

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### *Peer Reviewed Journal Articles*

Carter, A., **C. Chennault**, and A. Kruzic. (in press). Public action for public science: Re-imagining the Leopold Center for Sustainable Agriculture. *Capitalism Nature Socialism*. doi: 10.1080/10455752.2017.1423364.

Dankbar, H., E. Zimmerman, **C. Chennault**, A. Basche, J. Nester, M. Pierre, 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.

**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.

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:

#### *Manuscripts Submitted*

**Chennault, C.** 2017. The path to radical vulnerability: Feminism, scholar-activism and community food collaborations. Invited chapter in B. Gökariksel, 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. Manuscript submitted for publication.

#### *Manuscripts In Progress*

**Chennault, C.**, R. Frahm, R. Valek, L. Roy, L. Schulte, and J. Tyndall. 2016. PEWI: An interactive web-based ecosystem services model designed for a broad public audience. Manuscript in preparation.

#### *Journal Interviews & Research Reports*

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.

Schulte Moore, L., **C. Chennault**, N. Grudens-Schuck, J. Tyndall, R. Valek. 2016. "Getting into soil and water virtually with PEWI." *Getting into Soil and Water*.

Schulte Moore, L., **C. Chennault**. "New online tool tests ag watershed management options." 2015, Summer. *Clean Water Starts With Us*, p. 1-2.

#### CONFERENCE PRESENTATIONS

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**Chennault, C.** 2017. Co-experimenting with new ways of thinking and doing: The potential for radical relationality in community food systems. Presenting October 28 at the 24<sup>th</sup> Annual Critical Geography Conference, Pennsylvania State University.

**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.

**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.

**Chennault, C., K. Hunt.** 2016. Growing together: Connections among local and emergency food systems in Iowa. Peer-reviewed poster presented October 13th at 6th International Conference on Food Studies, University of California at Berkeley.

**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 7th 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.

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 7th 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.

Schulte Moore, L., **C. Chennault**, R. Valek, R. Frahm, J. Tyndall. 2016. Getting into soil and water virtually with PEWI. Presented March 24rd at the Iowa Water Conference, Ames, IA.

**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 6th at the 4-Nations Agricultural Biodiversity Conference, Ames, IA.

**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 17th at the Iowa Prairie Conference, Cedar Falls, IA. (Invited)

**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 5th at the 9<sup>th</sup> IALE World Congress, Portland, OR.

**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 5th at the 9<sup>th</sup> IALE World Congress, Portland, OR.

**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<sup>th</sup>-12<sup>th</sup>, 2014 at ACES: A Community on Ecosystem Services Conference, Washington, DC.

**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<sup>th</sup>-12<sup>th</sup>, 2014 at ACES: A Community on Ecosystem Services Conference, Washington, DC.

**Chennault, C.,** R. Frahm, L. Schulte Moore, J. Tyndall, J. VanDyk. 2014. People in Ecosystems/Watershed Integration. Presented March 26<sup>th</sup> at the Natural Capital Project Annual Meeting & Training, Palo Alto, CA. (Invited)

**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<sup>th</sup> at the Natural Capital Project Annual Meeting & Training, Palo Alto, CA. (Invited)

**Chennault, C.,** R. Frahm, L. Schulte Moore, J. Tyndall, J. VanDyk. 2014. People in Ecosystems/Watershed Integration. Presented March 4<sup>th</sup> at the Iowa Water Conference, Ames, IA.

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 3rd at the Iowa Water Conference, Ames, IA.

**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 3rd-4th, 2014 at the Iowa Water Conference, Ames, IA.

#### HONORS & AWARDS

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

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

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

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 departmental support, ISU, 2017, for attendance at the Feminist Geography Conference, \$70

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

Graduate Program in Sustainable Agriculture professional development grant, ISU, 2016, for attendance at 6th International Conference on Food Studies, \$600

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

Local Foods Program professional development support, ISU Extension & Outreach, 2016, for attendance at Michigan State University Summer Intensive on Community-Engaged Scholarship, \$1400

Preparing Future Faculty program, ISU, 2016

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

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

Graduate Program in Sustainable Agriculture professional development grant, ISU, 2014, for attendance at ACES Conference, \$600

Professional advancement grant, ISU Graduate College, 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

Professional advancement grant, ISU Graduate College, 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.

#### TEACHING & ENGAGEMENT EXPERIENCE

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##### **Instructor at Iowa State University**

2015            Instructor of Record, FOR/NREM 451: Ecosystem Management, Spring Semester, ISU Department of Natural Resource Ecology & Management

##### **Guest instructor at Iowa State University**

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

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 at Iowa State University**

2017            ISU Extension & Outreach Local Foods Program, Equity professional development, "Allyship and applying an equity lens," Co-presenter with Caitlin Szymanski and Chelsea Krist

2017            ISU Extension & Outreach Local Foods Program, Equity professional development, "A Primer on the cycle of oppression and applying an equity lens," Co-presenter with Caitlin Szymanski and Chelsea Krist

2017            ISU Extension & Outreach Local Foods Program, Annual team retreat, "Equity visioning session," Co-presenter with Caitlin Szymanski and Chelsea Krist

### **Educational outreach and engagement**

2018	Iowa State University Extension & Outreach Master Gardener Winter Webinar, “Re-imagining food access in Iowa’s community food systems,” Invited presenter.
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, Training 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 instruction 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

### **ADDITIONAL PROFESSIONAL EXPERIENCE**

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2012-2013	<b>Sponsored Programs Accountant</b> , Office of the Controller, Iowa State University, Ames, Iowa USA
2009-2012	<b>Consultant</b> , 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	<b>Finance &amp; Accounting Intern</b> , Texas Orthopedic Group, Austin, Texas USA
2007-2008	<b>Forensic Accounting Intern</b> , 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	<b>Deputy Chief of Mission Office Management Specialist</b> , U.S. Embassy in Rwanda

### **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

### **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**

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

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

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

### **Student Organizations**

Member, Sustainable Agricultural Student Association, 2013-present

Secretary, NREM Graduate Student Organization, 2014-2015

Member farmer, Student Organic Farm, 2013

### **Community**

Co-facilitator and member, Friends of the Leopold Center for Sustainable Agriculture, 2017-present

Treasurer & finance committee chair, Board of directors, Wheatsfield Cooperative Grocery, 2014-2016

Finance committee member, Wheatsfield Cooperative Grocery, 2013

Garden co-leader and volunteer, Food at First community garden, 2014-Present

Meal service volunteer chef, Food at First, 2013-Present