

Carrie M. Chennault

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EDUCATION

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

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

PROFESSIONAL EXPERIENCE

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

Peer Reviewed Journal Articles

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.

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.

Manuscripts In Progress

Carter, A., **C. Chennault**, A. Kruzic. 2017. Public action for public science: Reclaiming the Leopold Center for Sustainable Agriculture. Submitted to *Capitalism, Nature, Socialism*.

Chennault, C. 2017. Radical struggles in 'Growing Together': Feminist perspectives on community donation gardens and food pantries in Iowa. 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 in preparation.

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.

CONFERENCE PRESENTATIONS

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 9th 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 9th 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 8th-12th, 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 8th-12th, 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 26th 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 26th 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 4th 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

Iowa State University, Ames, Iowa USA

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

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

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

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

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

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

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

Preparing Future Faculty program, 2016

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

Print and Grace Powers Hudson Scholarship in Agriculture, 2014-2015, College of Agriculture and Life Sciences, \$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, 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, 2014, for attending the Natural Capital Project Annual Meeting, \$200.

TEACHING & ENGAGEMENT EXPERIENCE

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, "A Primer on the Cycle of Oppression & Applying an Equity Lens," Co-presenter with Caitlin Szymanski and Chelsea Krist

Educational outreach and 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, 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 Brody Middle School, 7th grade science classrooms, Des Moines, IA
2015 PEWI workshop, invited presentation co-hosted by Prairie Rivers of Iowa at Des Moines Area Community College, Boone IA

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

COMPUTER SKILLS

Languages: SQL

Applications: L^AT_EX, R Studio

Mathematical Computing: R, SAS

Qualitative Analysis: Nvivo

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

Iowa State University, Ames, Iowa USA

Secretary, NREM Graduate Student Organization, 2014-2015

Editorial board member & treasurer, *Field Notes* NREM graduate student publication, 2013-2015

Member farmer, Student Organic Farm, 2013

Journal Reviews

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

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

Community

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