

Carrie M. Chennault

CONTACT INFORMATION

515 7th St.

Ames, IA 50010 USA

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EDUCATION

Iowa State University, Ames, Iowa USA

Ph.D., Sustainable Agriculture, expected graduation May 2018

M.S., Sustainable Agriculture, August 2014

The University of Texas, Austin, Texas USA

B.B.A., Accounting, December 2008

B.A., Plan II Honors Program, December 2008

PROFESSIONAL EXPERIENCE

2013-Current **Research Assistant and Instructor**, Graduate Program in Sustainable Agriculture, Iowa State University, Ames, Iowa USA

Projects: Integrated Sustainable bioEnergy Pathways, People in Ecosystems/Watershed Integration

Instructor: Ecosystem Management

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, Forensic auditor of a Fortune 500 global electric power company

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

ACADEMIC HONORS, AWARDS & ACTIVITIES

Iowa State University, Ames, Iowa USA

Brown Graduate Fellow, 2015-2016

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

Print and Grace Powers Hudson Scholarship in Agriculture, 2014-2015

NREM Graduate Student Organization, Secretary, 2014-2015

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

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

Field Notes NREM graduate student publication, Editor and Treasurer, 2013-Present

Student Organic Farm, Member Farmer, 2013

The University of Texas, Austin, Texas USA

Graduated with University Honors 2008

Irwin Spear Memorial Endowed Presidential Scholarship in Plan II, 2005-2006

University Honors and Dean's List: 2004-2008, five semesters

MANUSCRIPTS IN PREPARATION

Chennault, Carrie, M., Lisa A. Schulte, and John C. Tyndall. 2015. *PEWI: A web-based learning tool for evaluating ecosystem service tradeoffs from watersheds*. Submitted for publication.

Huang, Shiyang, Guiping Hu, Carrie M. Chenault, Liu Su, Elke Brandes, Emily Heaton, Lisa A. Schulte, and Lizhi Wang. 2015. *An Agent-based simulation model of farmer decision making on bioenergy crop adoption*. Submitted for publication.

Chennault, Carrie, M., Lisa A. Schulte, and John C. Tyndall. 2015. *People in Ecosystems/Watershed Integration: Visualizing ecosystem service tradeoffs in agricultural landscapes*.

CONFERENCE PRESENTATIONS AND PANELS

Chennault, C., L.A. 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.

Chennault, C., L.A. 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., R. Frahm, L.A. Schulte Moore, J. Tyndall, J. VanDyk. 2014. People in Ecosystems/Watershed Integration. Invited to Present March 26th at the Natural Capital Project Annual Meeting & Training, Palo Alto, CA.

Chennault, C., R. Frahm, L.A. 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.A., 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.

POSTER PRESENTATIONS

Chennault, C., L.A. 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., R. Frahm, L.A. 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.A. Schulte Moore, J. Tyndall, J. VanDyk. 2014. People in Ecosystems/Watershed Integration: an interactive land-use learning tool. Presented March 26th, 2014 at the Natural Capital Project Annual Meeting & Training, Palo Alto, CA.

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.

SUBMITTED BUT UNFUNDED GRANTS

2014. Adaptive responses to change: social psychological determinants of human behavior. NSF Graduate Research Fellowship Program.

2014. Connecting people to watersheds using PE/WI: an agricultural land-use tradeoffs tool. NCR-SARE Graduate Student Grant Program.

COURSES TAUGHT

Ecosystem Management, Primary Instructor, 2015

LEADERSHIP AND SERVICE

Wheatsfield Cooperative Board of Directors, Treasurer and Finance Committee Chair, 2014-2016

Wheatsfield Cooperative Finance Committee, Invited Member-Owner, 2013

Food at First, community garden co-leader and meal service volunteer, 2013-Present

COMPUTER SKILLS

Languages: SQL

Applications: L^AT_EX, R Studio, Microsoft Excel, Access, Word and PowerPoint; Microstrategy Business Intelligence Software; QuickBooks

Mathematical Computing: R; SAS

RELEVANT COURSEWORK

Sustainable Agriculture

Agroecosystems Analysis
Foundations of Sustainable Agriculture
Integrated Crop and Livestock Production
Sustainable Agriculture Colloquium
Watershed Management

Research Methods & Computing

Elementary Business Statistics
Introduction to Statistical Computing
Statistics Methods for Research Workers
Qualitative Research Methods
Critical Issues in Qualitative Inquiry
Special Topics Seminar in Qualitative Research

Accounting & Economics

Business Finance
Differential Calculus
Financial Statement Analysis
Fundamentals of Financial Accounting
Fundamentals of Managerial Accounting
General Business Strategy
Integral Calculus
Intermediate Financial Accounting
Introduction to Macroeconomics
Introduction to Microeconomics
Managerial Accounting and Control
Microeconomic Theory
Politics and Economics in American Thought