

MORGAN MATHISON

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EDUCATION:

Bachelor of Arts in Biology

GPA: 3.05

St. Olaf College

Graduation: May 2014

Master of Arts in International Studies

GPA: 3.77

University of Wyoming

Graduation: May 2016

Ph.D. in Community Sustainability

GPA: 3.92

Michigan State University

Anticipated Graduation: December 2021

ACADEMIC WORK EXPERIENCE:

2017-Current

Michigan State University; East Lansing, MI

Graduate Research Assistant, 09/2017 - Present

Assist Dr. Jennifer Hodbod with research projects related to adaptive rangeland management. Perform literature reviews, conduct interviews, manage survey distributions, and analyze data related to the research as well as assist in writing papers for publication.

2014-2016

University of Wyoming; Laramie, WY

Graduate Assistant, 09/2014 - 05/2016

Assist professor with planning, preparation, and presentation of course material. Work closely with students to promote success in the course.

2013

Minnesota Dept. of Natural Resources; Int'l Falls, MN

Fisheries Intern, Summer 2013

Assist with various sampling methods including electroshocking, shoreline seining, deep water netting, and shallow trapping. Input data correctly into the management program. Perform technical work related to equipment maintenance and sample preservation.

2010-2014

St. Olaf College; Northfield, MN

Personal Assistant

Assist the Student Housing Coordinator with: administrative duties; organizing and scheduling storage facilities; receiving payments; and managing the residence hall room draw process.

Building Assistant

Hire hall receptionists, assist with worker scheduling and building maintenance, act as a liaison between the residence hall coordinator and the hall receptionists.

Earlier Positions: Grounds Crew Worker, Hall Receptionist and Youth Tutor

FELLOWSHIPS AND GRANTS:

2020 Graduate Office Fellowship

\$1,200

1 semester grant to support the purchasing of software necessary to conduct my dissertation research.

2019 CANR Food Systems Fellowship

\$6,000

1 year fellowship for conducting dissertation research about the wellbeing of beef producers in Michigan along a continuum of grazing management practices.

2019 Graduate Office Fellowship

\$400

1 semester fellowship for attendance of the Resilience Alliance workshop in Helen, GA, awarded by the Community Sustainability Department Graduate Affairs and Curriculum Committee.

2019 EFFS Travel Grant

\$800

1 semester grant to support travel to and presentation at the International Symposium on Society and Resource Management awarded by the Ecological Food and Farming Systems Funding Board.

2018 Professional Development Fellowship

\$30,000

3-year fellowship for on-going professional development training awarded by the Foundation for Food and Agricultural Research.

Graduate Office Fellowship

\$400

1 semester fellowship for attendance of the a resilience assessment workshop at the University of Idaho, awarded by the Community Sustainability Department Graduate Affairs and Curriculum Committee.

2017 C.S. Mott Pre-Doctoral Fellowship in Sustainable Agriculture

\$35,000

3-year fellowship to support my attendance at Michigan State University in the Department of Community Sustainability.

PUBLICATIONS:

Peer Reviewed:

In preparation

MathisonSlee, Morgan; Lade, Steven; Barnes, Conor; *et al.* 2020. *14 propositions 14 years later: A literature review.* Ecology and Society.

MathisonSlee, Morgan and Hodbod, Jennifer. 2021. *The role of values in determining farmer management choices.* Agriculture and Human Values.

Non-Peer Reviewed:

Mathison, Morgan and Hodbod, Jennifer. 2019. *Producer Values and Grazing Management.* White paper for project funders (VF Foundation).

Mathison, Morgan and Hodbod, Jennifer. 2019. *Wellbeing: Literature Review.* White paper for project funders (VF Foundation).

Mathison, Morgan and Hodbod, Jennifer. 2019. *Values: Literature Review.* White paper for project funders (VF Foundation).

Mathison, Morgan. (2016). *Information Transmission to Smallholder Farmers from Agricultural Academics* (Master's thesis). IBSN: 9781369164459.

TEACHING EXPERIENCE:

2018-2020 Guest Lecturer, Community Sustainability Dept., Michigan State University

Community Food and Agricultural Systems (CSUS 343), Dr. Hodbod, (Fall 2020)

Prepared readings, conducted a short lecture, and prepared an activity for the online class about sustainable food systems.

Community Food and Agricultural Systems (CSUS 343), Dr. Warsaw, (Fall 2019)

Taught about regenerative agriculture and how it links to sustainability.

Community Food and Agricultural Systems (CSUS 343), Dr. Hodbod, (Spring 2019)

Taught about regenerative agriculture and how it links to sustainability.

Theoretical Foundations of Sustainability (CSUS 300), Dr. Hodbod, (Spring 2018)

Facilitated a discussion of material in preparation for an exam the students would be taking shortly thereafter

2014-2016 Graduate Teaching Assistant, Int'l Studies Dept., University of Wyoming

Introduction to Global Studies (INST 2000), Dr. Messenger, (Spring 2016)

Graded student projects and papers, assisted students who were having difficulty learning the information. All conducted on an online platform.

Economic Geography (GEOG/INST 3050), Dr. Chen, (Spring 2015)

Graded student papers, proctored examinations, held four hours of optional discussion time for the students.

Social Change (SOC/INST 3000), Prof. Bjorkenwall, (Fall 2014 & Fall 2015)

Assisted with planning and conducting lectures, graded student projects and papers, held four hours of optional discussion time for the students.

RESEARCH EXPERIENCE:

Rancher Wellbeing as related to Adaptive Multi-Paddock Grazing

Hodbod, McKendree, Rowntree, & Swanson, Michigan State University (2017-current)

Performed structured and semi-structured interviews with farmers in the Southeastern United States related to farming behaviors, happiness, values, identity, animal health, and economics. Administered a photo elicitation activity as well as a timeline activity to better understand how differences in management practices impact farm system wellbeing.

Information Transmission to Smallholder Farmers from Agricultural Academics

Messenger, Coupal, & Henne, University of Wyoming (Spring 2016, published)

Performed interviews with smallholder agriculturalists to discuss the flow of information from large NGO's and political organization down to individuals. Additionally, enquired about how this information was used in everyday practice.

Waterfowl Migration Through the Prairie Pot-Hole Region of Minnesota: Comparing Waterfowl Populations and Behaviors on Two Ponds at St. Olaf College during the 2013 Fall Migration

Shea, St. Olaf College (Fall 2013, unpublished)

Designed and implemented a study on the populations and behaviors of waterfowl on two ponds in Northfield, Minnesota during the month of November.

College Retention & Attrition Rates

Cho, St. Olaf College (Fall 2012, unpublished)

Conducted pilot research on factors leading to attrition rates of sophomores, juniors, and seniors at St. Olaf College.

CONFERENCES:

2020. Participant of the Regenerate conference held online in October and November. Lansing, MI.

2020. **MathisonSlee, Morgan**. "The role of wellbeing in social-ecological systems research and how it relates to resilience". Presented a new framework for investigating holistic wellbeing in social-ecological systems at the Resilience Alliance Science Meeting in October. East Lansing, MI.

2019. Participant of the Regenerate conference held in November. Albuquerque, NM.

2019. **Mathison, Morgan** and Hodbod, Jennifer. "The role of values in decision making about the adoption of regenerative methods". Research methods and preliminary analysis presented at the annual International Symposium on Society and Resource Management in June. Oshkosh, WI.

2019. Hodbod, Jennifer and **Mathison, Morgan**. "Assessing wellbeing for regenerative and conventional grazers". Assisted with answering questions related to this work at the annual International Symposium on Society and Resource Management in June. Oshkosh, WI.

2019. Hodbod, Jennifer, Belisle-Toler, Rachael, **Mathison, Morgan**, and Sharma, Shubhechchha. "Integrating participatory methods into resilience assessment". Presented on the use of photo-elicitation as a participatory method at the Resilience Alliance meeting in May. Helen, GA.

2019. Facilitated a discussion about the role of the young scholars in the Resilience Alliance and volunteered to co-coordinate the writing of a paper at the Resilience Alliance meeting in May. Helen, GA.

2019. Participant of the University and Industry Consortium meeting in April. Madison, WI

2018. Participant at the Resilience Assessment workshop hosted by Paul Ryan at the University of Idaho in March. Moscow, ID.

PROFESSIONAL MEMBERSHIPS:

2019-Current Resilience Alliance Young Scholars. Membership

2019-Current International Association for Society and Natural Resources. Membership