

Natasha Myhal

Department of Ethnic Studies
339 University of Colorado Boulder
Boulder, Colorado 80309-0339
namy4424@colorado.edu
216-571-7859

Education:

University of Colorado-Boulder

Ph. D. *in progress* August 2017-present

Professional Concentration Areas: Ethnobotany, Native American Studies, Indigenous Geographies

Sub-field, Geography

University of Kansas

Masters of Indigenous Studies, Summer 2017

Master's Thesis Committee: Kelly Kindscher (chair), Stephanie Fitzgerald, Jay Johnson

GPA: 3.62 on a 4.0 scale

University of Minnesota Morris, 2015

BA American Indian Studies and Environmental Studies

Research Interests:

Governmental management of natural resources and the involvement of Native American communities for non-timber forest products (NTFPs), ethnobotany of *Ligusticum porteri*, Political Geography, sustainability of harvest of medicinal plants.

Master's Thesis:

Ethnobotany of *Ligusticum porteri* and the role of traditional knowledge systems with plant management

Research Experience:

The University of Kansas, Lawrence, Kansas

August 2015-May 2017

Working with the Kindscher lab monitoring oshá in southern Colorado at Cumbres Pass southwest of Alamosa, Colorado and at Missionary Ridge north east of Durango, CO. The multi-year manipulative field experiment to determine acceptable thresholds of harvest intensity that allow for the regeneration and sustainable harvest of populations for oshá.

Indian Land Tenure Foundation, Little Canada, Minnesota

May 2015-August 2016

Updated Foundation records to improve relationships with, and understanding of, tribal land offices. Also developed a land planning survey of tribes for land owners resources and community engagement purposes.

Research Experience for Undergraduates: Sustainable Land and Water Resources, Salish Kootenai College (SKC) Pablo, MT

June-August 2014

Conducted research around community based participatory research interviews with community members in order to gain more traditional ecological knowledge of blue camas in conjunction with using geospatial analyses

Summer Institute for Native Americans In Genomics: University of Texas at Austin (UT-Austin)

June 2014

Participated in a one-week workshop that discussed the practices and restrictions of genomics as a tool for Native American communities

Assisted in training participants in the concepts and methods currently used in genomics

Summer Research Opportunities Program Fellow: Michigan State University (MSU)

May-July 2013

Participated in a week long statistics camp learning SPSS software and presented an environmental health project to the group and staff

Participated in Ecotoxicology research project about a new chemical ethinyl estradiol sulfate and its harmful effects on the water supply and male fathead minnow fish using solid phase extraction methods (SPE)

American Indian Museum Fellowship, Minnesota Historical Society

May-June 2012

Traveled with other group members to learn about historical interpretation of American Indians as well as cultural preservation by historical organizations and tribal governments

Great Lakes NARCH (Native American Research Center for Health) Intern

June-August 2012

Researched how to start a seed library and the medicinal uses of plants in UMM's Native American Garden

Awards and Grants:

2016, Society for the Preservation of American Indian Culture, Research Grant, \$1,000

2015, Indigenous Studies Scholarship, \$9,000

2015, Society of American Indian Government Employees (SAIGE) Environmental Scholarship, \$1,000

2015-2016, American Indian Graduate Center, \$1,500, \$2,000

Yearly, Sault Tribe Higher Education Award, \$600

Teaching Experience:

Intro to Native American and Indigenous Studies Graduate Teaching Assistant
University of Colorado-Boulder 2017

Field Ecology Graduate Teaching Assistant
University of Kansas 2016

Environmental Studies Capstone Graduate Teaching Assistant
University of Kansas 2017

Anishinaabe Language Teaching Assistant
University of Minnesota Morris 2014-2015

Reviews and Published Literature:

Natasha Myhal and Kelly Kindscher. In Preparation, December 2016. Review of ‘Plants Have So Much to Give Us, All We Have to Do Is Ask: Anishinaabe Botanical Teachings. Mary Siisip Geniusz (edited by Wendy Makoons Geniusz, illustrated by Annmarie Geniusz). 2015. University of Minnesota Press, Minneapolis, Minnesota, USA.

Natasha Myhal. July 2017, Ethnobotany of *Ligusticum porteri* and the role of traditional knowledge systems with plant management. The University of Kansas, Lawrence, Kansas.

Presentations:

Myhal, N. 2016. Ethnobotany of Oshá (*Ligusticum porteri*) and the role of traditional knowledge systems with plant management. Poster Presentation at the Society of Ethnobiology, Tucson, Arizona.

Myhal, N. 2016. Ethnobotany of Oshá (*Ligusticum porteri*) and the role of traditional knowledge systems with plant management. Poster Presentation at Native American Nutrition Conference, Shakopee, Minnesota.

Myhal, N. 2014. How Traditional Ecological Knowledge (TEK) assists in (Cammissa quamash) Blue Camas Restoration Efforts, Flathead Indian Reservation, Montana. Oral Presentation at AISES, Orlando, Florida.

Myhal, N. 2014. Panel member on the topic of tribal sovereignty. Political Theory Class, University of Minnesota – Morris.

Myhal, N. 2014. “Negotiating Locations: What Happens When Half of the Class Is Indigenous?” Native American Literature Symposium, Shakopee, Minnesota.

Myhal, N. 2013. Effects of Wastewater Treatment Products on Male Fathead Minnow Physiology. Undergraduate Research Symposium at Michigan State University.

Myhal, N. 2012. UMM’s Native American Garden Experience. American Indian Science and Engineering Society (AISES), Anchorage, Alaska.

Leadership:

**University of Minnesota-Morris American Indian Science and Engineering Society
Secretary
January 2014-May 2015**

Responsible for keeping minutes for general meetings, sending out emails to AISES members, and making agendas for the general meetings

**University of Minnesota-Morris Search Committee for Vice Chancellor for Academic Affairs and Dean
Student Representative
August 2014-May 2015**

Researching and advising a committee as a student representative for the hire of a new Vice Chancellor for Academic Affairs and Dean for the University of Minnesota-Morris, assisting with interviewing the candidates, and assembling a leadership profile

University of Minnesota-Morris American Indian Science and Engineering Society

Senior Travel Liaison

January 2012-2013

Coordinated all travel and booking rooms for any trips the chapter takes as a group to conferences or for outreach activities

Service:

The University of Kansas and Haskell Indian Nations University

Coordinator for Visiting Native Scholar Program

Arnold Clifford (Professional Ethnobotanist) and Eugene Joe (Navajo Sandpainter) April 26-28th 2017

Volunteer Experience:

Plymouth Language Program, Lawrence KS

January 2016-present

Assist with English language exercises

Volunteer at the Morris Humane Society

August 2011-May 2015

Provide the daily care of cats and dogs

Technical Skills

Fieldwork: plant identification, plant collection, data collection, seed collection, plant vegetation monitoring

Computer Programs: Microsoft Excel, Microsoft Office, SPSS, ESRI GIS mapping software

Tribal Membership: Enrolled member of The Sault Ste. Marie Tribe of Chippewa Indians

Student Organizations:

Ethnic Studies Graduate Student Association (CU-Boulder)

Fall 2017-present

Native American Graduate Student Association (CU-Bolder)

Fall 2017-present

Profession Memberships Affiliations:

Native American and Indigenous Studies Association

Fall 2017-present

Society of Ethnobiology (SOE)

Spring 2016-Fall 2017

References:

Clint Carroll
Assistant Professor, Ethnic Studies
The University of Colorado, Boulder
Clint.Carroll@colorado.edu
303-492-2003

Kelly Kindscher, Chair
Senior Scientist, Kansas Biological Survey,
Professor, Environmental Studies Program,
Courtesy Professor, Ecology and Evolutionary Biology
Kansas Biological Survey, The University of Kansas
135A Higuchi Hall Lawrence, KS 66046
kindscher@ku.edu
785-864-1529

Stephanie Fitzgerald
Associate Professor of English
The University of Kansas
3137 Wescoe Hall Lawrence KS, 66046
sfitzger@ku.edu
785-864-2586

Jay Johnson
Associate Professor of Geography
The University of Kansas
Lindley Hall, Room 402 Lawrence, KS 66046
jaytjohnson@ku.edu
785-864-5547