




JILL SHERWOOD





I have a vast amount of experiences through which I developed an excellent knowledge and skill base in GIS, ecological research, grant writing, and project management that would benefit any organization.

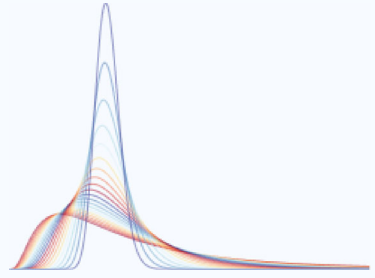
During my over 10 year career in GIS, I have been a part of projects ranging from the analysis of basin morphometry of Iowa wetlands to the design and creation of a City's GIS.

EDUCATION




- 2013
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2009
- **M.S., Ecology, Evolution, and Organismal Biology**
Iowa State University  Ames, IA
 - Thesis: "Effects of experimentally reduced snowpack and passive warming on montane meadow plant phenology and floral warming on montane meadow plant phenology and floral resources resources"
- 2001
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2000
- **M.S., Genetics**
Iowa State University  Ames, IA
 - Thesis: "An Examination of Reproductive Phenology with Implications for Understanding Climate Change Effects"
- 1995
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1991
- **B.S. with Honors, Exercise Science**
Ball State University  Muncie, IN

PROFESSIONAL EXPERIENCE

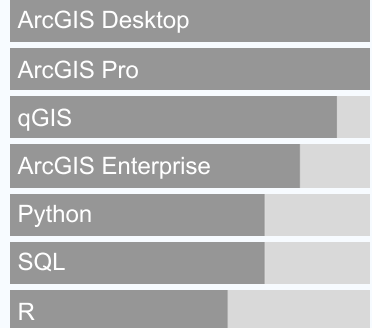
- Present
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2018
- **Geospatial Data Analyst**
Arizona State University  Tempe, AZ
 - Responsible for the collection, processing, documentation (metadata), analysis, and curation of the thousands of geospatial datasets and other digital assets made available through the Map and Geospatial Hub.
 - Technical lead on geospatial projects
 - Created an online platform in ArcGIS Hub to make geospatial more easily accessible to a wider audience.
- 2018
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2017
- **HDMS Data Specialist**
Arizona Game and Fish Department  Phoenix, AZ
 - Maintained species occurrence data for Arizona's threatened and endangered species in a web-enabled platform for tabular and spatial data management.
 - Managed invasive species geospatial and tabular data for the State of Arizona.
- 2015
- **GIS Coordinator**
City of Eloy, AZ  Eloy, AZ
 - Implemented GIS in the city of Eloy. Conducted interviews for GIS needs assessment, and identified spatial data needs within the city. Designed geodatabase feature classes and data dictionaries.
 - Created, converted, and refined City's utility system using information from paper plans, digital files, and field collected GPS locations.
 - Maintained information in an Enterprise geodatabase versioned environment to update features, as needed.
- 2013
|
2009
- **Graduate Research Assistant**
GIS Support and Research Facility  Iowa State University
 - Provided university and community-wide GIS research assistance and collaborated on a variety of GIS projects.



CONTACT

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 github.com/jasherwood
 (602) 842-1937
 jasherwood.github.io

LANGUAGE SKILLS



Made w/ [pagedown](#).

Source code:

github.com/nstrayer/cv.

Last updated on 2020-10-07.

- 2013
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2009

Graduate Research Assistant

Debinski Laboratory
Iowa State University

- Designed and implemented a study to assess the effects of nighttime warming and snowpack on a butterfly population and associated host and nectar plants in Grand Teton National Park in Wyoming.
- 2007
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2006

Environmental Scientist

RMT, Inc. (formally MHA Environmental Consulting, Inc.)
San Mateo, CA

- Edited and wrote environmental documents to comply with the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA).
 - Assisted with GIS analysis and map production for environmental documents.
- 2006
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2002

Research Associate II

University of California San Francisco
San Francisco, CA

- Analyzed tissue samples in genetic and cellular experiments to understand and identify genetic pathways of tumor angiogenesis.



SELECTED PUBLICATIONS, POSTERS, AND TALKS

- 2019

Experimentally Simulating Warming and Snow Loss in a Mountain Meadow Ecosystem

International Association for Landscape Ecology World Congress - Milan, Italy
 - Presentation. Authored with Diane Debinski, Petruta Caragea and Matthew Germino
- 2017

Experimentally simulating climate change in a montane meadow system via reduced snowpack and passive warming: soil and plant responses.

Ecosphere
 - Authored with Diane Debinski, Petruta Fahrenholtz and Matthew Germino
- 2012

Summary of an Ongoing Population Study of Parnassius Clodius Butterflies

Yellowstone Ecosystem Report
 - Authored with Diane Debinski
- 2011

Experimentally Simulating Climate Change Effects on Trophic Interactions in Montane Meadow Systems.

Midwest Fish and Wildlife Conference - Des Moines, IA
 - Authored with Diane Debinski and Matthew Germino
- 2011

An Examination of Interannual Population Variation in Parnassius Clodius Butterflies

University of Wyoming National Park Service Research Center Annual Report
 - Authored with Diane Debinski
- 2010

Testing the Effects of Simulated Climate Change Effects Using Open Sided Warming Chambers

University of Wyoming National Park Service Research Center Annual Report
 - Authored with Diane Debinski and Matthew Germino
- 2009

An Examination of Reproductive Phenology with Implications for Understanding Climate Change Effects

Grand Teton National Park Report
 - Authored with Diane Debinski



SELECTED GRANTS

- 2017 ● **Graduate Student Travel Assistance Grant For Field Research**
Science
- 2016 ● **Graduate Student Travel Assistance Grant For Field Research**
The Center for Global and Regional Environmental Research, University of Iowa
- 2012 ● **Ecology and Evolutionary Biology Departmental Grant**
The Center for Global and Regional Environmental Research, University of Iowa
- 2012 ● **Seed Grant**
The Center for Global and Regional Environmental Research, University of Iowa
- 2010 ● **Grant A. Harris Research Instrumentation Fellowship**
Decagon Devices, Inc.
- 2010 ● **Joan Mosenthal DeWind Award**
Xerces Society
- 2010 ● **Ecology and Evolutionary Biology Departmental Grant**
Iowa State University