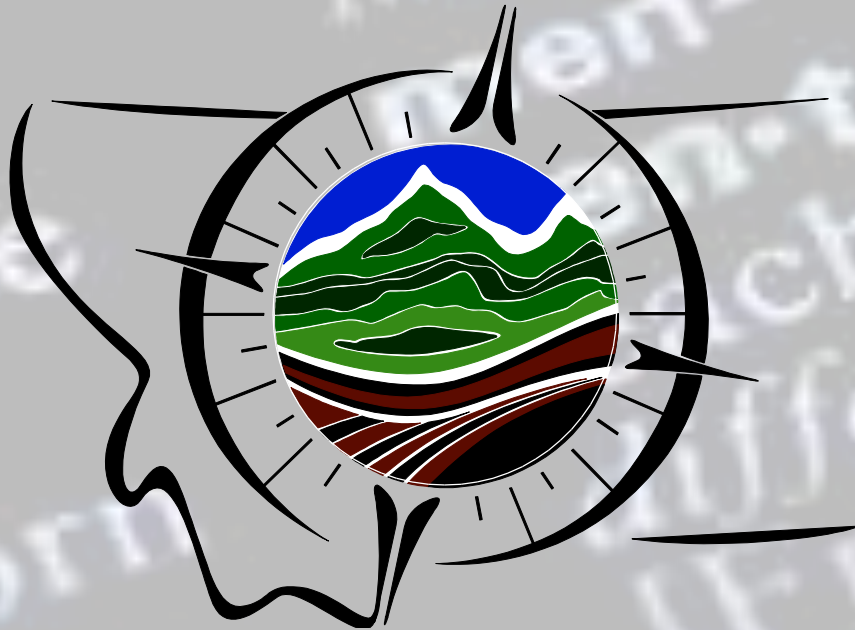


MAGIP GIS Mentoring

Peer-to-Peer or Career



**Montana Association of Geographic
Information Professionals (MAGIP)**

PO Box 1868

Helena MT 59624

www.magip.org

magip.mt@gmail.com

MAGIP GIS Mentoring

Mentoring helps fulfill MAGIP's purpose

MAGIP Constitution

Article II, Section 1. Education:

- a. provide an objective educational forum
- b. foster the exchange of ideas and studies
- c. aid the advancement of its members



MAGIP GIS Mentoring

Mentoring resources:

- **Self-service content online**
 - Additional linked resources
 - MT GIS Community topics
 - Training opportunities
- Our **MAGIP** members who make themselves available as **mentors**
- **Online directory** of MAGIP mentors including:
 - Mentor profiles with skills list
 - Mentor search capability



MAGIP GIS Mentoring

Resources > Mentoring



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Montana Association of Geographic Information Professionals

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MAGIP GIS Mentoring

The MAGIP website and its Member Profile pages have been designed to permit members to describe their areas of expertise and publicize their willingness to mentor others. Use the Mentoring Resources (at right) to become a MAGIP mentor or to find short or long term guidance from a MAGIP member who possesses the skills you seek.

Members may find it helpful to connect with each other based on the type of work they do (academic research, local government, utility provider, natural resources, etc.), the type of tasks involved (remote sensing, Python programming, geocoding, database design, GIS application, etc.), or based on their place of residence.

Please understand that mentoring is not a replacement for adequate training to work in the field of GIS—it supplements that training. To participate in the MAGIP GIS Mentoring program, ensure you are a MAGIP member and follow the steps outlined in the Mentoring Resources.

Email questions: magip.mt+mentor@gmail.com

Mentoring Resources
[For Mentors](#)
[For Mentees](#)
[Getting Started](#)
[Mentoring Topics](#)
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Other Links
[MAGIP Membership](#)
[MAGIP User Groups](#)
[Local Government SIG](#)
[GISCI's GISP Mentoring program](#)
[MAGIP Mentoring Subcommittee](#)

MAGIP Mentoring Disclaimer

You are solely responsible for your interactions with other MAGIP members. You understand that MAGIP does not in any way screen its members, nor does MAGIP inquire into the backgrounds of its members or attempt to verify the statements of its members. MAGIP makes no representations or warranties as to the conduct of members. In no event shall MAGIP be liable for any damages whatsoever, whether direct, indirect, general, special, compensatory, consequential, and/or incidental, arising out of or relating to the conduct of you or anyone else in connection with the use of the MAGIP GIS Mentoring program, including without limitation, bodily injury, emotional distress, and/or any other damages resulting from communications or meetings with other members. You agree to take reasonable precautions in all interactions with other members, particularly if you decide to meet offline or in person.

Mentoring home <http://www.magip.org/Mentoring>

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For Mentors:

<http://www.magip.org/ForMentors>

For Mentees:

<http://www.magip.org/ForMentees>

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MAGIP's GoToMeeting virtual meeting account
Join.Me (free screen sharing)
Skype (free video calling and conference calls)
GISCI Mentoring program
Thoughts on Hiring Recent Grads with GIS Coursework
Competencies: Ideal Student Outcomes from an Intro to GIS or Remote Sensing Course

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MAGIP GIS Mentoring

Mentoring Topics

In addition to the specific GIS skills you possess, all MAGIP mentors should be very familiar with these Montana practices, standards, and resources when you are offering guidance to others:

- MAGIP services: MAGIP listserve, Discussion Forums, User's Groups, and Conferences
- [GIS Best Practices in Montana](#)
- [GIS Training Resources and Opportunities](#)
- [Montana Spatial Data Infrastructure \(MSDI\) Framework Data](#)
- [Montana Land Information Advisory Council \(MLIAC\)](#). See Statutes linked from the MLIAC page.
- [Montana State Library's](#) role in Montana's GIS community, including online map applications/tools and how to [request GIS data or information](#) from Montana State Library
- [Montana GIS Portal](#)
- [Metadata Standard for the Montana GIS Portal](#)
- [Montana GIS Data Clearinghouse](#) at Montana State Library
- [Montana State Plane Coordinates to Lat/Long Conversion tool \(and vice versa\)](#)
- [Latitude/Longitude Format Conversion tool \(D.ddd; D/M.mm; D/M/S\)](#)
- [Montana Public Land Survey Subsection Finder](#)
- [Montana Topographic Map Finder](#) tools

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GIS Training Resources

[Help On Your Own](#) [Personal Assistance](#) [Instructor Led Training](#) [Ongoing Learning](#)

Help On Your Own

- ArcGIS Help System - Launch from your desktop ArcGIS software
- Notes and lab materials from GIS coursework
- Bigfork Schools GIS
<http://bhsgis.weebly.com>
- FREE Trade Magazine Subscriptions and Technical Documents
<http://gislounge.tradepub.com/>
- New York GIS 'Helpdesk'
<http://helpdesk.gis.ny.gov/>
- Idaho State University's GIS 'FAQ Help'
<http://giscenter.isu.edu/help/index.htm>
- GIS training books available from the Montana State Library
http://www.magip.org/Resources/Documents/MTStateLibrary_GISTraining.pdf
- National Academies Press
<http://www.nap.edu/about.html>
- URISA Books and Resources
<http://www.urisa.org/books>
- Codecademy Python Training
<http://www.codecademy.com/tracks/python>
- GIS Education Search Tool

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 - MAGIP Profile Settings
 - Search Instructions
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 - Interactive Map
 - Resumes
 - Seminar Archive
- GRANTS & SCHOLARSHIPS

Basic Name Search (result shown) and Advanced Search

The screenshot shows the MAGIP website interface. At the top left is the MAGIP logo with the text 'Montana Association of Geographic Information Professionals'. At the top right are links for 'Switch to admin view', 'Logout', 'View profile', and 'Change password', along with a 'Logout' button. A left sidebar contains a navigation menu with 'MEMBER-ONLY' highlighted in orange. The main content area is titled 'Member Directory' and features a search bar with 'Papineau' entered and 'Advanced search...' circled in orange. Below the search bar, a table displays the search result for Diane Papineau.

Name	Organization and Title	City	Mentor
Papineau, Diane	Montana State Library GIS Programmer/Analyst	Helena	Yes

Associate Member C (incl 11-15 members)

MAGIP GIS Mentoring

Member Directory

[Clear values](#)

Member ID

First name

Last name

Organization

e-Mail

Phone

Group participation

2012 Conference Planning

All Members

Board Members

Business Vendors

Education Committee

Local Government

Mentoring Subcommittee

Operations and Business Committee

Professional Development Committee

Technical Committee

Vector

Web Sub-committee

Job title

GISP

Yes

No

Website

Address

Address 2nd Line

City

State

Postal code

Country

Board Position

Past President

President

Vice President

Secretary

Treasurer

Member-at-Large

Technical Committee Chair

Education Committee Chair

Professional Development Committee Chair

Operations and Business Committee Chair

MLAC Representative

Administrator (Non-Voting)

Board Term

Groups Interested In

Board of Directors

Education Committee

Operations and Business Committee

Web Subcommittee

Professional Development Committee

Health Care

Natural Resource Management

Oil and Gas

Public Safety

Real Estate

Utilities

Server Administration

Web Development

Geodatabase Design

Cartography

Remote Sensing

Field Data Collection

Mobile GIS

Geoprocessing

ArcGlobe

ArcReader

ArcMap

ArcCatalog

ArcScene

ArcGIS Explorer

ArcToolbox

Modelbuilder

ArcSDE

ArcServer

Network Analyst

3D Analyst

Spatial Analyst

Crystal Reports

Adobe Illustrator

ERDAS Imagine

Technical Committee

Local Government SIG

Software

Latitude

Longitude

Am I willing to be identified as a mentor?

Yes

No

Am I currently accepting requests to mentor others?

Yes

No

Preferred Method of Communication

Person-Person

Phone

Email

Chat

County Government

State Government

Tribal Government

Federal Government

Private

NGO/Non-profit

Utility

Addressing

Agriculture

Biology

Conservation

County Assessor

Education

Engineering

Geodesy

Geography

Geology

Advanced Search Skills Checkboxes

Open Source

RDBMS

Activity

Programming

Hardware

TerraSync

AutoCAD

MSAG

New World

Mapsource

DNRGarmin

Mapwindow GIS

Grass

Quantum GIS

MapServer

GeoServer

PostgreSQL

MySQL

MSSQL Server

Oracle

Printing and Plotting

Scanning

Georeferencing

Geocoding

Versioning

Editing

Spatial Analysis

Temporal Analysis

Metadata

Projections

Labeling

Annotation

Colors

Imagery

Raster Processing

GIS Project Management

Java

.NET

VB

C#

SQL

Python

Garmin

Trimble

Archer


Juniper Systems

or [Go to simple search](#)

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Advanced Search: Search Results



Switch to admin view | Logout
[View profile](#)
[Change password](#)
Logout

Member Directory

Board Position: any of selected "Secretary, Professional Development Committee Chair"

[Edit search](#) [Clear search](#)

Search: Found: **2**

Name	Organization and Title	City	Mentor
Burns, Meghan	TREC, Inc. GIS Specialist		Yes
Full Member			
Zolman, Leslie	Montana State Department of Commerce GIS Coordinator	Helena	Yes
Full Member			

MAGIP GIS Mentoring

Member Profile Skills List

Skills	
Am I willing to be identified as a mentor?	Yes
Am I currently accepting requests to mentor others?	Yes
Preferred Method of Communication	<input checked="" type="checkbox"/> Person-Person <input checked="" type="checkbox"/> Phone <input checked="" type="checkbox"/> Email
Employer Type	<input checked="" type="checkbox"/> State Government
Specialty	<input checked="" type="checkbox"/> Geodatabase Design <input checked="" type="checkbox"/> Cartography <input checked="" type="checkbox"/> Geoprocessing
ESRI Software	<input checked="" type="checkbox"/> ArcMap <input checked="" type="checkbox"/> ArcCatalog <input checked="" type="checkbox"/> ArcToolbox <input checked="" type="checkbox"/> ArcSDE <input checked="" type="checkbox"/> ArcServer <input checked="" type="checkbox"/> Spatial Analyst
Software	<input checked="" type="checkbox"/> Mapsource
RDBMS	<input checked="" type="checkbox"/> MSSQL Server
Activity	<input checked="" type="checkbox"/> Georeferencing <input checked="" type="checkbox"/> Spatial Analysis <input checked="" type="checkbox"/> Metadata <input checked="" type="checkbox"/> Projections <input checked="" type="checkbox"/> Labeling <input checked="" type="checkbox"/> Imagery
Programming	<input checked="" type="checkbox"/> VB <input checked="" type="checkbox"/> SQL <input checked="" type="checkbox"/> Python

Skills	
Am I willing to be identified as a mentor?	Yes
Am I currently accepting requests to mentor others?	Yes
Preferred Method of Communication	<input checked="" type="checkbox"/> Person-Person <input checked="" type="checkbox"/> Phone <input checked="" type="checkbox"/> Email
Employer Type	<input checked="" type="checkbox"/> City Government
Area of Interest	<input checked="" type="checkbox"/> Addressing <input checked="" type="checkbox"/> Utilities
Specialty	<input checked="" type="checkbox"/> Geodatabase Design <input checked="" type="checkbox"/> Field Data Collection
ESRI Software	<input checked="" type="checkbox"/> ArcReader <input checked="" type="checkbox"/> ArcMap <input checked="" type="checkbox"/> ArcCatalog <input checked="" type="checkbox"/> ArcToolbox <input checked="" type="checkbox"/> Modelbuilder <input checked="" type="checkbox"/> Network Analyst
Software	<input checked="" type="checkbox"/> Crystal Reports <input checked="" type="checkbox"/> Adobe Illustrator <input checked="" type="checkbox"/> TerraSync <input checked="" type="checkbox"/> AutoCAD
RDBMS	<input checked="" type="checkbox"/> MySQL <input checked="" type="checkbox"/> MSSQL Server
Activity	<input checked="" type="checkbox"/> Printing and Plotting <input checked="" type="checkbox"/> Scanning <input checked="" type="checkbox"/> Georeferencing <input checked="" type="checkbox"/> Editing <input checked="" type="checkbox"/> Annotation
Programming	<input checked="" type="checkbox"/> SQL
Hardware	<input checked="" type="checkbox"/> Trimble

Skills	
Am I willing to be identified as a mentor?	Yes
Am I currently accepting requests to mentor others?	Yes
Preferred Method of Communication	<input checked="" type="checkbox"/> Person-Person <input checked="" type="checkbox"/> Phone <input checked="" type="checkbox"/> Email
Employer Type	<input checked="" type="checkbox"/> State Government
Area of Interest	<input checked="" type="checkbox"/> Conservation <input checked="" type="checkbox"/> Education <input checked="" type="checkbox"/> Geography
Specialty	<input checked="" type="checkbox"/> Cartography <input checked="" type="checkbox"/> Geoprocessing
ESRI Software	<input checked="" type="checkbox"/> ArcMap <input checked="" type="checkbox"/> ArcCatalog <input checked="" type="checkbox"/> ArcGIS Explorer <input checked="" type="checkbox"/> Spatial Analyst
Software	<input checked="" type="checkbox"/> Adobe Illustrator
Activity	<input checked="" type="checkbox"/> Printing and Plotting <input checked="" type="checkbox"/> Scanning <input checked="" type="checkbox"/> Georeferencing <input checked="" type="checkbox"/> Editing <input checked="" type="checkbox"/> Spatial Analysis <input checked="" type="checkbox"/> Metadata <input checked="" type="checkbox"/> Labeling <input checked="" type="checkbox"/> Colors <input checked="" type="checkbox"/> Imagery

Skills	
Am I willing to be identified as a mentor?	Yes
Am I currently accepting requests to mentor others?	Yes
Preferred Method of Communication	<input checked="" type="checkbox"/> Email
Employer Type	<input checked="" type="checkbox"/> City Government <input checked="" type="checkbox"/> County Government
ESRI Software	<input checked="" type="checkbox"/> ArcMap <input checked="" type="checkbox"/> ArcCatalog <input checked="" type="checkbox"/> ArcToolbox <input checked="" type="checkbox"/> ArcSDE <input checked="" type="checkbox"/> ArcServer
Software	<input checked="" type="checkbox"/> TerraSync
RDBMS	<input checked="" type="checkbox"/> MSSQL Server
Activity	<input checked="" type="checkbox"/> Geocoding <input checked="" type="checkbox"/> Versioning <input checked="" type="checkbox"/> Editing

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MAGIP GIS Mentoring

Getting Started

- Introductions:
 - Who is your employer and what GIS work do you do for them?
 - How much GIS experience and training do you have?
 - Where do you live?
- What is the mentoring goal: Accomplishing a specific task? Acquire a certain skill? Broad career guidance? All of the above?
- What type of communication does each person prefer: face-to-face, email, live chat, or GoToMeeting type conferencing?
- How long will it take to accomplish the goal? Does everyone agree that the goal might be achieved by the target date?
- How frequently will you meet or talk?
- How much time does the mentor have to help achieve the goal?
- What else do you expect of each other?

