



# Megan Slemmons

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## GIS Workshop

### Applications of Geographic Information Systems

**Description:** Geographic Information Systems (GIS) is a set of tools that allow users to store, manipulate, analyze, and present spatial data. This workshop will provide an introduction to the ArcGIS desktop software as we explore ways in which GIS and mapping can enhance research in a number of disciplines and may be a useful tool to add to your research skills. We will collect sample data and then use ArcGIS to create a map to display this data in a variety of formats. Through a combination of examples and hands-on exercises, we will explore some of the advanced functionalities and potential of GIS, such as visualizing directional trends over time, showing density of events, and determining access to particular facilities. We will also discuss potential applications of spatial analysis.

***Beginners welcome!***



February 24, 2017

1:00 pm – 5:00 pm

Woodruff Library

Room 314

Please RSVP. Seating is limited

*This workshop is a collaborative effort between the Institute for Quantitative Theory & Methods and the Emory Center for Digital Scholarship*



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