Scholars' Lab Workshops

GIS Workshops

All Scholars' Lab workshops are free and open to all, and no registration is required. The complete and up-to-date listing of Scholars' Lab events and workshops is available from http://tinyURL.com/SLabEvents.

Making Your First Map with ArcGIS10

Tuesday, **October 11**
2:00 - 3:00 p.m.
Alderman Electronic Classroom

The session gives you a basic overview of ESRI's desktop GIS, ArcMap, and map making. By the end of the session, you will have a basic understanding of the ArcMap interface, know how to add data layers to an ArcMap project, and know the basic parts of a map.

Visualization of Tabular Data with Fusion Tables

Tuesday, **October 18**
2:00 - 3:00 p.m.
Alderman Electronic Classroom

Ever had some tabular data and thought how cool it would be to map or graph it? We will show you how to get started using Google Fusion Tables. Fusion Tables are a good way to manage and visualize tabular data. You will learn several ways to visualize your data including mapping.

Making Maps Online with GeoCommons

Tuesday, **October 25**
2:00 - 3:00 p.m.
Alderman Electronic Classroom

GeoCommons is a free online alternative to ArcGIS or Google Fusion Tables for mapping and analyzing your data. We'll walk through the steps to upload data, make a map, and use the new GeoIQ analysis tools. If you prefer Mac or PC, Firefox, Chrome, or IE, you'll learn to use new tools to make and share your maps with the world.

Georeferencing Paper Maps

Tuesday, **November 1**
2:00 - 3:00 p.m.
Alderman Electronic Classroom

Do you like old maps? Would you like to find the real-world location of features you see on old maps? Maybe overlay old maps with new maps to see what's changed over time?   Georeferencing makes paper maps geo-smart so they play nicely with Google Earth, ArcGIS, and other geo-software for visualization and analysis. You'll leave this hands-on session with georeferencing skills and tools to geo-enable any paper map.

Creating/Editing Data in ArcGIS

Tuesday, **November 8**
2:00 - 3:00 p.m.
Alderman Electronic Classroom

Need to create some features from a georeferenced map or just have some inaccurate data? This session will show you how to create and edit vector features in ArcMap.

Secrets of the Global Positioning System Revealed

Tuesday, **November 15**
2:00 - 3:00 p.m.
Alderman Electronic Classroom

Curious about how to make the best use of GPS in your fieldwork or epic outdoor adventures? In this session we'll explain the magic of GPS and how to combine GPS data with Google Earth, ArcGIS, and more tools to make maps and analyze the results.

Geocoding and X/Y Data

Tuesday, **November 22**
2:00 - 3:00 p.m.
Alderman Electronic Classroom

Do you have a list of addresses or latitude and longitudes that you would like to show on a map? This session will show you how to create spatial layers with your data and create maps.

Mapping The World One Street At A Time With Open Street Map

Tuesday, **November 29**
2:00 - 3:00 p.m.
Alderman Electronic Classroom

OSM is a free wiki-style map of the world open to contributions and download by everyone. It's one of the few sources of free geo-data for many parts of our world. You don't need to be an expert cartographer to contribute to OSM, you just need local knowledge and a few tools. We'll see the step by step process to contribute or edit OSM data and to pull OSM data into your own mapping project. Join us and 399,998 other OSM users for an hour of open mappy fun.

image courtesy Flickr user spdorsey

Scholars' Lab
4th Floor, Alderman Library
University of Virginia

http://scholarslab.org/
http://lib.virginia.edu/scholarslab/