

S4 Summer 2011 GIS Institute Schedule

The Institute will meet at 121 South Main Street in the Public Health Program; room numbers are indicated in parentheses.

Monday, June 6th, 2011

- 9:30-10:00 Welcome, an introduction to the Institute, and an overview of spatial approaches to research, Rachel Franklin, S4 (**Room 245**)
- 10:00-10:45 Space: Questions and Tools, Rachel Franklin, S4 (**Room 245**)
- 10:45-11:00 Break
- 11:00-12:00 Spatial Analysis and Health Research, Patrick Vivier, Community Health (**Room 245**)
- 12:00-1:00 Lunch
- 1:00-3:15 Introduction to ArcGIS I, Tom Stieve, Library (**Room 251**)
- 3:15-3:40 Library Visit
- 4:00-5:00 Reception and faculty presentation with Momotazur Rahman, Center for Gerontology and Health Care Research, Warren Alpert Medical School (**Room 247**)

Tuesday, June 7th, 2011

- 9:30-10:30 Introduction to ArcGIS II, Tom Stieve (**Room 251**)
- 10:30-10:45 Break
- 10:45-12:00 Introduction to ArcGIS III, Tom Stieve (**Room 251**)
- 12:00-1:00 Lunch
- 1:00-2:00 Introduction to Geocoding and Point Pattern Analysis, Rachel Franklin (**Room 251**)
- 2:00-3:50 Geocoding in ArcGIS, Tom Stieve (**Room 251**)
- 4:00-5:00 Reception and faculty presentation, Zhanlian Feng, Community Health (**Room 245**)

Wednesday, June 8th, 2011

- 9:30-10:30 Introduction to Cartography, Rachel Franklin (**Room 251**)
- 10:30-10:45 Break
- 10:45-11:00 Introduction to Georeferencing and Digitizing, Rachel Franklin (**Room 251**)
- 11:00-12:00 Georeferencing and Digitizing in ArcGIS, Tom Stieve (**Room 251**)
- 12:00-1:00 Lunch

1:00-3:50 Raster Data and Map Algebra, Lynn Carlson, EARTHLAB (**Room 251**)

4:00-5:00 Reception and presentation with Jim Lucht, Providence Plan (**Room 247**)

Thursday, June 9th, 2011

9:30-12:00 Introduction to Spatial Analysis, Rachel Franklin (**Room 251**)

12:00-1:00 Lunch

1:00-3:45 Introduction to Spatial Statistics and GeoDa, Rachel Franklin (**Room 251**)

4:00-5:00 Reception and research presentation with S4 Fellows, Hongwei Xu and Weiwei Zhang (**Room 247**)

Friday, June 10th, 2011

9:30-11:30 Working with U.S. Census Data, Rachel Franklin (**Room 251**)

11:30-12:00 Break and Reconvene in **Room 247**

12:00-1:30 Lunch and faculty presentation, Andrew Foster, Economics (**Room 247**)

Monday, June 13th, 2011

9:30-10:00 Visit S4, Maxcy Hall 3rd Floor (**Meet in front of Maxcy at 9:30**)

10:15-10:45 Spatial Data Sources, Rachel Franklin (**Room 251**)

11:00-12:00 Faculty research presentation, Patrick Vivier, Community Health (**Room 245**)

12:00-1:00 Lunch

1:00- Project Work and Consultation with S4 Faculty & Staff

Tuesday, June 14th and Wednesday, June 15th, 2011

Project Work and Consultation with S4 Faculty & Staff

Thursday, June 16th, 2011

Project Work

Friday, June 17th, 2011

9:00-12:00 Project Work

1:40-4:00 Project Consultations

Tuesday, September 6th, 2011

4:00 Project Poster Presentations and Reception (**Room 247**)