

S4 SUMMER 2015 GIS INSTITUTE

Schedule

Meeting locations are indicated in parentheses. **PSTC** is the seminar room on the 2nd floor of the Population Studies and Training Center. **CIT** is a computer lab (Room 265) in the Watson CIT building.

Monday, May 18th, 2015

- 9:30–10:30 Welcome, an introduction to the Institute, and an overview of spatial approaches to research, John Logan and Rachel Franklin, S4 (**PSTC**)
- 10:30–10:45 Break
- 10:45–12:00 Space: Questions and Tools, Rachel Franklin, S4 (**PSTC**)
- 12:00–1:00 Lunch
- 1:00–3:45 Introduction to ArcGIS, Rachel Franklin, S4 (**CIT**)
- 4:00–5:00 Reception and presentation with Mario Carillo, S4 Fellow and Economics (**PSTC**)

Tuesday, May 19th, 2015

- 9:30–10:30 Introduction to Cartography, Rachel Franklin, S4 (**CIT**)
- 10:30–10:45 Break
- 10:45–12:00 Cartography Tutorial, Rachel Franklin, S4 (**CIT**)
- 12:00–1:00 Lunch
- 1:00–3:50 Introduction to ArcGIS II, Bruce Boucek, Library (**CIT**)
- 4:00–5:00 Reception and faculty presentation with Andrew Foster, Economics and PSTC (**PSTC**)

Wednesday, May 20th, 2015

- 9:30–10:45 Introduction to Geocoding, Bruce Boucek, Library (**CIT**)
- 10:45–11:00 Break
- 11:00–12:00 Primary Data Collection, Lynn Carlson, EARTH LAB (**CIT**)
- 12:00–1:00 Lunch
- 1:00–3:50 Raster Data and Map Algebra, Lynn Carlson, EARTH LAB (**CIT**)
- 4:00–5:00 Reception and faculty presentation with Leah VanWey, Sociology and the Institute at Brown for Environment and Society (**PSTC**)

Thursday, May 21st, 2015

- 9:30–12:00 Introduction to Spatial Analysis, Rachel Franklin, S4 (**CIT**)
- 12:00–1:00 Lunch
- 1:00–3:45 Introduction to Spatial Statistics, David Glancy and Michelle Marcus, Economics (**CIT**)
- 4:00–5:00 Reception and research presentation with Patrick Vivier, School of Public Health (**PSTC**)

Friday, May 22nd, 2015

- 9:30–11:45 Spatial Analysis/Statistics Redux, Rachel Franklin, S4 (**CIT**)
- 12:00–1:30 Lunch and guest research presentation with John Logan, Sociology and S4 Director (**PSTC**)
- 2:00–5:00 OPTIONAL: Introduction to Geoprocessing Scripts Using Python, Yi Qi, S4 (**Location TBA**)

Monday, May 25th, 2015

Memorial Day: Independent Project Work

Tuesday, May 26th, 2015

- 9:30–11:30 Introduction to Network Analysis, Rachel Franklin, S4 (**CIT**)
- 11:30–12:00 Question and Answer Period, Rachel Franklin, S4 (**CIT**)
- 1:00 Project Work and Consultation with S4 Faculty & Staff

Wednesday, May 27th, 2015

Project Work and Consultation with S4 Faculty & Staff

Thursday, May 28th, 2015

Project Work

Friday, May 29th, 2015

- 9:00–4:00 S4 GIS Institute Conference (**PSTC**)