



2018 EPIC PREDOCTORAL FELLOWSHIP ORIENTATION

AUGUST • 20-24 • 2018

8:30 – 9:00 AM	<i>Welcome and Introduction</i>
9:00 – 10:20 AM	<i>Introduction to Data Project</i> Presenter: Henry Zhang TAs: Trinetta Chong, Nadia Lucas, Yixin Sun Location: Saieh Hall, Room 141 Summary: You will receive initial details on the Orientation data project. Learn what to focus on while attending the Orientation workshops. Troubleshooting and software installation.
10:30 – 12:30 PM	<i>GIT</i> Presenter: Nadia Lucas TAs: Trinetta Chong, Yixin Sun Location: Saieh Hall, Room 141 Summary: You will learn version control with Github. We will step through an example task. You will learn how to implement good project workflow practices using the Github web application. We will take a dive into bash terminal commands to demonstrate how to safely edit code and how to roll back to previous histories of code and fork the data project.
12:30 – 1:30 PM	<i>Lunch</i> Saieh Hall, Room 141
1:30 – 2:30 PM	<i>STATA Workshop I</i> Presenter: Ananya Kotia TAs: Trinetta Chong, Nadia Lucas, Yixin Sun Location: Saieh Hall, Room 141 Summary: TBD
2:30 – 3:50 PM	<i>Introduction to R and Python</i> Presenters: Trinetta Chong, Nadia Lucas, Yixin Sun TA: Ananya Kotia Location: Saieh Hall, 141 Summary: You will learn R and Python with real data (including pictures of Hugh Grant!) and gain an understanding of the pros and cons of coding in open source languages. Using the same analysis plan for both the R and Python tutorials, we will go through the basics of data structures, manipulation, analysis, and visualization. in R, we will focus on the tidyverse, a collection of R packages designed for data science, such as dplyr and ggplot2. In Python, we will focus on data science packages such as pandas and numpy.
4:00 – 4:30 PM	<i>Hardware and Software Setup, Q&A with Cory Martin</i> Location: Saieh Hall, Room 141
4:30 – 6:00 PM	<i>Downtime/More Information for and Time on the Data Project</i> TAs: Johanna Rayl, Yixin Sun Location : Saieh Hall, Room 141
6:00 – 9:00 PM	<i>Team Dinner</i> Transportation: Please meet at the lobby of 5757 S University Avenue for transportation to dinner. Car will depart no later than 6:15pm. Location: Giant, 3209 W Armitage Ave, Chicago, IL 60647
9:30 – 10:30 PM	<i>Transportation to Hyde Park</i>

8:30 – 9:00 AM

Breakfast

Location: Saieh Hall, Room 141

9:00 – 10:30 AM

Introduction to Econometric Methods

Presenters: Fiona Burlig and Tamma Carleton

TA: Henry Zhang

Location: Saieh Hall, Room 141

Summary: We will provide an overview of the fundamental problem of causal inference and introduce a variety of empirical techniques for estimating causal effects.

10:40 – 12:00 PM

Group A: STATA Workshop II

Presenter: Ananya Kotia

TA: Henry Zhang

Attendees: Catherine Che, Claire Fan, Vishan Nigam

Location: Saieh Hall, Room 141

Summary: TBD

10:40 – 12:00 PM

Group B: RSpatial

Presenters: Trinetta Chong, Yixin Sun

TA: Nadia Lucas

Attendees: Laura Alcocer, Thomas Bearpark, Michael Cahana, Simon Greenhill, Dylan Hogan, Chinmay Lohani, Maya Norman

Location: Saieh Hall, Room 419

Summary: As an open source alternative to ArcGIS, the set of spatial packages in R is rapidly advancing in functionality and visualization. This session will give an overview of what is available in the simple features package: an interface for access and manipulation of spatial vector data. We will teach the basics of geometry structures, manipulating geometries, finding spatial relationships, and visualizing spatial data.

12:00 – 1:30 PM

Lunch with PhD Students: Topic TBD

Saieh Hall, Room 141

1:30 – 5:00 PM

More Information for and Time on the Data Project

TAs: All RAs (in overlapping shifts)

Location: Saieh Hall, Room 141

8:45 – 12:00 PM

Getting to Know UChicago New Employee Orientation

Location: 6054 S Drexel Avenue, HR Learning Center, Room 144

Summary: Human Resources hosts Getting to Know UChicago Orientation to welcome the University's staff new hires. During the session, staff members will receive information on the following: Getting to Know UChicago Process Overview, University Core Values and Initiatives, University Policies and Procedures, Employee Resources, Campus & Workplace Safety and Security, University Benefits Overview for Staff

*RAs who have already completed the orientation may use this time to work on the data project in Saieh Hall, Room 141.

12:15– 1:30 PM

Lunch Talk: Grad School Applications

Presenters: Amir Jina OR Ishan Nath & Johanna Rayl

Location: Saieh Hall, Room 141

1:30 – 2:30 PM

Life at EPIC and Recruiting, EPIC Workflow, Office Policies, Classes

Presenters: Bethel Haile & Ananya Kotia

Location: Saieh Hall, Room 141

2:40 – 4:20 PM

More Information For and Time on the Data Project

TAs: Johanna Rayl & Yixin Sun

Location: Saieh Hall, Room 141

4:30 – 5:30 PM

Working and Communicating with PIs

Presenters: Fiona Burlig, Thom Covert & Amir Jina

Location: Saieh Hall, Room 419

Summary: We will host a fireside-chat conversation about RA engagement with PIs

8:30 – 9:00 AM	<p><i>Breakfast</i></p> <p>Location: Saieh Hall, Room 141</p>
9:00– 10:00 AM	<p><i>Introduction to Acropolis, Bash Scripts, Command Line</i></p> <p>Presenter: Henry Zhang TA: Trinetta Chong Location: Saieh Hall, Room 141</p>
10:00– 3:30 PM	<p><i>Work on Data Project with RA Guidance</i></p> <p>TAs: All RAs (in overlapping shifts) Location: Saieh Hall, Room 141</p> <p>Summary: The RA supervisors will ensure that everyone reaches a satisfactory stopping point in the data project with a basic understanding of each of the constituent tasks and steps. Lunch will be provided at noon.</p>
3:30– 5:00 PM	<p><i>LaTeX and Beamer</i></p> <p>Presenter: Henry Zhang TAs: Ananya Kotia, Johanna Rayl Location: Saieh Hall, Room 141</p> <p>Summary: You will engage in an interactive tutorial to typesetting in LaTeX using Overleaf. Given the abundance of publicly available TeX templates, the end goal will be on learning how to add packages or commands for specific purposes, not on typesetting documents from scratch. The presentation will conclude with the features of the Beamer document class for math-heavy presentations in TeX.</p>

10:00 – 10:45 AM

Transportation to the Escape Game

Please meet at the lobby of 5757 S University Avenue for transportation to dinner. Car will depart no later than 10:15am. Team assignments will be provided.

11:00 – 12:30 PM

The Escape Game, Chicago

The Escape Game is a live 60-minute adventure. You and your team will select a challenge and will have one hour to complete your mission and escape.

1:00 – 3:00 PM

Lunch at Gino's East, River North

The Gino's East story began in 1966 when two taxi drivers and a friend, frustrated with rush hour traffic, decided to open a pizzeria. They opened our original location just off Michigan Ave. and Superior St. in Chicago. The Original Gino's East became an instant legend with Chicagoans, national celebrities, and visitors from all over the world. Our famous deep-dish pizza tastes the same as it did back then. Each pizza is made by hand and features its own unique look. Each legendary pizza is created with a secret golden crust, fresh vine-ripened tomatoes, and your choice of fresh ingredients. Once baked to perfection, the enormous pies are brought to the tables in our well-seasoned pans. In a city known as the "Pizza Capital of the World," the Original Gino's East is still the number one pizza restaurant. Customers from near and far return year after year to fulfill the tradition of scribbling their names onto the wood and stucco walls of our flagship restaurant in downtown Chicago.

4:00 – 5:30 PM

Wendella's Signature Lake & River Tour

A Chicago family tradition since 1935, this is the tour that started it all. This unique excursion tells the story of more than 200 years of fascinating social, cultural and political history, and explores more than a century of groundbreaking architecture. The journey begins with an up-close perspective of Chicago's internationally-known architecture as seen from the Chicago River. Then venture through the Chicago Lock on to the calm, cool waters of Lake Michigan for expansive views of Chicago's extraordinary 26-mile skyline. Take the selfie of a lifetime on this inspirational experience!

5:30 – 6:00 PM

Program Concludes