



**University of Chicago  
Data and Policy Summer  
Scholar Program 2018**





Education is not to reform students or to amuse them or to make them expert technicians. It is to unsettle their minds, widen their horizons, inflame their intellects.”

—**ROBERT MAYNARD HUTCHINS**, PRESIDENT, 1929–1951  
THE UNIVERSITY OF CHICAGO







## Why This Program

The University of Chicago Data and Policy Summer Scholar Program offers top global undergraduate students a 4-week unforgettable experience with rigorous interdisciplinary training on data analytics and public policy, rich connections with UChicago admissions and student resources, and exciting exploration of the City of Chicago.

**Accelerate your academic, career, and personal growth in 4 weeks.**



### GROW

- » Get rigorous academic training to prepare for future studies
- » Grow your personal network with great friends and professionals worldwide



### STUDY

- » Data Analytics and Public Policy courses
- » Writing and communication courses



### LIVE

- » On-campus living with accessibility to diverse campus resources and events
- » Explore Chicago during the best season



### CONNECT

- » Gain Peer Mentor support from current graduate students
- » Explore diverse graduate programs offered at UChicago

# FACULTY & COURSE HIGHLIGHTS

## HIGHLIGHTED FACULTY



**DAN A. BLACK** is deputy dean and professor at the Harris School of Public Policy. He also serves as a senior fellow at the National Opinion Research Center. His research focuses on labor economics and applied econometrics, and has appeared in top journals in economics, statistics, and demography. He has served on panels for the Census Bureau, the Department of Education, the Environmental Protection Agency, the National Science Foundation, and the National Academy of Science, and as a consultant for the New Zealand and Australian governments.



**MARC FARINELLA** is the Executive Director of The Project on Political Reform at the Harris School of Public Policy. Additionally, he serves as Executive Director of Harris' Center for Survey Methodology. He served as Chief of Staff for the Governor of Missouri from 1993 to 1996 and as North Carolina State Director for Barack Obama's 2008 presidential campaign.



**ANJALI ADUKIA** is an assistant professor at the Harris School of Public Policy. Her research is focused on understanding factors that influence educational decisions and the potential role for institutions, such as government agencies and nonprofit organizations, to improve child outcomes, particularly at the intersection of education and health. Her current work examines how the provision of basic needs—such as sanitation, clothing, and transportation—can increase school participation in developing contexts.



**BRETT GOLDSTEIN** is the Senior Fellow in Urban Science at the Harris School of Public Policy. Prior to joining Harris, Mayor Rahm Emanuel appointed Goldstein to be the first municipal chief data officer in 2011. In this role, he led successful efforts to use data to improve the way city government serves its residents and established one of the largest open data programs in the country. Goldstein began his career in the start-up sector, where he spent seven years at OpenTable.

## HIGHLIGHTED COURSES



### Introduction to Programming

This is an introductory course in programming and data analysis for students with no prior coding experience. The course has three goals: introducing students to the tools required to write and share code; translating self-contained questions into python programs; and learning how to retrieve, clean, visualize, and analyze data.



### Survey Research Method and Design

This course offers a systematic way to construct and evaluate survey research questionnaires. Students will learn to think about survey questions from the perspective of the respondent and in terms of cognitive and social tasks that underlie responding. The course will help students tell the difference between better and worse types of survey questions, find and evaluate existing questions on different topics, and construct and test questionnaires for their own needs.



### Public Policy Series

The series of public policy lectures and talks will expose students to a wide range of critical policy topics such as education, energy, healthcare, finance, and economic development. Students will analyze policies and their impacts, review relevant research on each topic, and examine implications of the findings to policy and practice. Students will also hear from leading practitioners within each field about their own experience and development paths.



### Academic and Professional Writing and Communication

This course focuses on building skills to communicate and write clear, effective academic or professional prose. Students will learn North American writing conventions and strategies, as well as tactics to convey clear messages to an audience in an impactful way. They will also learn how to write a great personal statement for future degree applications.



# UCHICAGO RESOURCES



## LIBRARIES

The University of Chicago Library has six locations on campus, holding over 11 million printed and electronic volumes, including:

[Joseph Regenstein Library](#)  
[Joe and Rika Mansueto Library](#)  
[John Crerar Library](#)  
[William Rainey Harper Memorial Library](#)



## ARTS & CULTURE

The University of Chicago's robust cultural scene where scholars, students, artists and audiences converge, explore, and create.

[The Oriental Institute Museum](#)  
[The Smart Museum of Art](#)  
[Renaissance Society](#)  
[Court Theatre](#)  
[The Reva and David Logan Center for the Arts](#)  
[Frederick C. Robie House](#)  
[The Seminary Co-op Bookstores](#)

## UChicago Graduate Student Peer Mentorship Program

Student groups will be paired with a current UChicago graduate student as a peer mentor. Your peer mentor will spend quality time with you and provide support in many ways to create a great summer experience and help you succeed in this program and beyond.

## Graduate Program Admissions Resource

Representatives and faculty from various University of Chicago Master's programs such as Public Policy, Financial Mathematics, Social Science will host panels to help students learn about potential opportunities for full time academic study. Students will be able to exclusively interact with current students and faculty in those programs to receive more in-depth knowledge about the programs and the application processes.

## International House

Founded in 1932 by John D. Rockefeller Jr., International House of Chicago is today one of 19 members of the International Houses Worldwide network. The International House of Chicago experience of international cultural exchange in a diverse community has transformed the lives of more than 42,000 people.



## GERALD RATNER ATHLETICS CENTER

Designed by famed architect Cesar Pelli, the air-conditioned, 150,000 square-foot facility features the 50-meter x 25-yard Myers-McLoraine Swimming Pool; the Bernard DelGiorno Fitness Center with cardiovascular exercise equipment, weightlifting machines, and free weights; a multipurpose dance studio.



**THE REYNOLDS CLUB** is the University's primary student center and the hub of student life. It is home to Hutchinson Commons, a food facility serving a variety of food options, including pizza, burritos, Indian cuisine, sandwiches, sushi, and more.



**Located only a few miles south of Downtown Chicago**, the University of Chicago affords students unparalleled access to an international metropolis. Outside the classroom, students will participate in a wide variety of activities that offer direct exposure to Chicago, relevant industries, and networking opportunities with alumni and students. These activities will complement the curriculum offered during the day and allow students to see their skills directly applied in the real world.



#### **SELECT FIELD TRIPS**

- Chicago Mayor's Office
- Chapin Hall Center for Children
- Urban Labs
- Energy Policy Institute
- 1871: Chicago's Technology & Entrepreneurship Center
- CME Group
- Paulson Institute

#### **SUMMER FUN**

- Cubs or Sox game
- Lakefront beach bbq
- Free music and movies in Millennium Park
- Fireworks on Navy Pier
- Wednesday and Saturday nights
- Water taxi from Chinatown to the River Walk

#### **SELECT CHICAGO OPPORTUNITIES**

**The Art Institute of Chicago**  
(VOTED BEST MUSEUM IN THE WORLD)

**The Museum of Contemporary Art Chicago**

**Museum of Science and Industry**

**Field Museum**

**American Writers Museum**

**Chicago Shakespeare Theater**

**Joffrey Ballet**

**Lyric Opera**

**Second City**





“



I wanted to go to a place where I would work really hard, where I would truly get the value of my money and my time. It was a place that was rigorous, but it was a pleasant surprise when I got to Harris that it was rigorous yet collaborative.”

**ZAINAB IMAM, MPP '15**

“



I appreciate the Harris School's class design that emphasizes on quantitative analysis, and I believe it is the basis for any sound policy implications.”

**JIHYE JANG, MPP '18**

## PROGRAM DATES

**July 16–August 10, 2018** (four weeks) at the University of Chicago

## ELIGIBILITY

All applicants are required to complete an online application. Applicants will be notified of admissions decisions electronically on a rolling basis. We encourage you to apply as early as possible. To enroll in the program, you must be at least 18 years old and have finished at least one year full-time study in an undergraduate institution by July 15, 2018.

## APPLICATION MATERIALS

- » Motivation statement in English (word limit: 300)
- » Undergraduate transcript
- » One-page résumé in English
- » TOEFL or IELTS score report

## PROGRAM FEES

The program fee for 2018 is \$9,500. This includes all tuition, course materials, on-campus accommodations, meal plans, student life fees, and extracurricular fees. Travel costs are not included.

- » Partial scholarships will be provided for top applicants based on the quality of their application.

**7:30am**

Get up and take a morning walk/run along the beautiful Chicago skyline.

**8:30am**

Have a nice breakfast at the Tiffin Café or Plein Air Café.

**9–11am**

Learn how to code using Python, so you can extract and analyze data from the Chicago Data Portal to unveil hidden insights among millions of data points.

**11am–12pm**

Discuss and problem-solve with the support of a graduate student TA.

**12–1:30pm**

Lunch in the dining hall or choose from 10+ food trucks on Ellis Ave.

**1:30–4:30pm**

Hear from a faculty member or an experienced practitioner on a timely policy issue.

**4:30–6pm**

Study at the Regenstein or Harper Library and read wildly among 11 million volumes of books.

**6–7pm**

Work out or play basketball at the Ratner Athletics Center with your peer mentor.

**7–8pm**

Cook with your friends or dine out on 57<sup>th</sup> Street.

**After 8pm**

Reflect on the day, do some assignments, and get ready for another beautiful day!





## Questions?

Email us at [harris-summerscholar@uchicago.edu](mailto:harris-summerscholar@uchicago.edu)

Learn more at [harris-summerscholar.uchicago.edu](https://harris-summerscholar.uchicago.edu)



Scan to register



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The University of Chicago

**Harris School of Public Policy**

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