



# THE SUMMER PROGRAM DIFFERENCE

## Empowering Participants

We enable our program participants, from undergrads to mid-career researchers, to immediately upgrade and sharpen the skills vital in their work to address real-world problems, develop policy solutions, and positively impact the future. We offer:

- Dynamic and diverse training
- Financial support
- Teaching opportunities

## Offering Unparalleled Training & Networking

Our collaborative learning environment makes it easy to foster lifelong connections with your instructors and fellow participants. You may find your next research project collaborator right here (and many have)! With researchers from around the world, our community is full of professional connections that will last a lifetime.



## Transforming Careers & Lives


Join us and discover why the ICPSR Summer Program is recognized throughout the world as the leading source for methodological training!



# SUMMER IS JUST THE BEGINNING

Our participants tell us that the ICPSR Summer Program did more than train them – it transformed their careers and lives.



 [myumi.ch/ICPSR-SummerProgram](https://myumi.ch/ICPSR-SummerProgram)

 [icpsr-sumprog@umich.edu](mailto:icpsr-sumprog@umich.edu)

 734.763.7400

 [twitter.com/ICPSRSummer](https://twitter.com/ICPSRSummer)

 [facebook.com/ICPSRSummerProgram](https://facebook.com/ICPSRSummerProgram)

cover image "Phenotype.1801" by Gwen Vanhee / colors modified from original

# ICPSR SUMMER PROGRAM

IN QUANTITATIVE METHODS



## Your Home for Learning Statistics and Quantitative Methods

[myumi.ch/ICPSR-SummerProgram](https://myumi.ch/ICPSR-SummerProgram)

# CUTTING-EDGE, PRACTICAL COURSES



Offering both online & in-person classes!

## IN-DEPTH, APPLIED INSTRUCTION RESPONSIVE TO YOUR RESEARCH NEEDS & GOALS

### General Sessions

Our general sessions are a comprehensive methods training program with over forty courses and lectures. Select the classes you want and customize your own unique schedule. Bring and use your own data in our courses!

### Topical Workshops

For those needing more specialized training in a shorter time frame, we offer dozens of online and in-person workshops from May through August. Using lectures and hands-on exercises, our workshop instructors translate their expertise into practical knowledge and skills that participants can immediately apply to their own research.

### Scholarships & Teaching Opportunities!

Over \$150,000 in scholarships every year, enabling NextGen researchers to acquire skills and knowledge needed for innovative, impactful work.

Teaching assistant positions for graduate students, providing invaluable pedagogical experience for future teaching positions at colleges and universities.



Scan for a list of our scholarships

“The summer program was an intensely enjoyable experience. The education was challenging and exciting and the teachers and the TAs highly knowledgeable, enthusiastic, and helpful ... nothing can top all of the wonderful colleagues that I got to know during the program. During this short period I made some truly great friends. I had the time of my life!” ~Gró Einarsdóttir, Summer Program Participant

## COURSE TOPICS INCLUDE:

- Bayesian Analysis
- Categorical Data Analysis
- Causal Inference
- Data Curation
- Experimental Design
- Game Theory
- Group-based Trajectory Models
- Hierarchical Linear Models
- Images as Data
- Item Response Theory
- Judicial & Legal Data Analysis
- Latent Class Analysis
- Latent Variable Modeling
- Longitudinal Analysis
- Machine Learning
- Maximum Likelihood Estimation
- Meta-Analysis
- Missing Data
- Mixed Methods
- Multilevel Models
- Multivariate Models
- Network Analysis
- Qualitative Methods
- R Statistical Computing Environment
- Race, Ethnicity, & Quantitative Methodology
- Rational Choice Theories
- Regression Analysis
- Scaling & Dimensional Analysis
- Spatial Econometrics
- Statistics & Data Analysis
- Structural Equation Models
- Text Analysis
- Time Series Analysis

For more information about our schedule, registration, instructors, fees, and scholarships, go to our website:

VISIT US ONLINE AT [myumi.ch/ICPSR-SummerProgram](https://myumi.ch/ICPSR-SummerProgram)

“The ICPSR Summer Program wonderfully combines cutting-edge statistical theory and practical issues that arise in substantive research with enthusiasm and a sense of community. It should be a regular pilgrimage for anyone who engages in social science research.”  
~Aimée Bourassa, Summer Program Participant

