NEWS | POSTED MAY 25, 2023

Summer Training Opportunities: 2023 Pittsburgh Summer Methodology Series

Posted on behalf of the Pittsburgh Summer Methodology Series.

The Pittsburgh Summer Methodology Series

(NOTE: ALL COURSES OFFERED VIRTUALLY FOR SUMMER 2023)

The Pittsburgh Summer Methodology Series will be offering a number workshops this summer, providing training in state of the art statistical and research methods in a series of brief, affordable workshops for trainees (students and post-docs) and professionals (faculty and industry). These courses are designed for applied researchers and cover a number of topics of potential interest.

All courses are offered **virtually via zoom and will be recorded** for attendees to continue to reference after the course, so you can participant asynchronously.

Course offerings include Instrument Development, Introduction to Structural Equation Modeling, Longitudinal Structural Equation Modeling, SMART Clinical Trial Designs, coding in the statistical language R, Machine Learning for Behavioral Scientists, Designing Ambulatory Assessment Studies, and Multilevel Modeling for Longitudinal Data.

Instructors are university faculty who regularly teach these methods as part of their standard coursework, and who each have extensive experience in applied use of the techniques, teaching brief workshops, and

providing consultation to other applied scientists. The hands-on workshops are designed to give you the necessary knowledge and tools to implement these cutting edge methods in your own work.

Special reduced pricing is offered for trainees (graduate students and post-docs), and combining some courses offer substantially reduced rates as well. Fees are also reduced for registrants from countries designated “low and middle income” (LIMC) by OECD. See more here.

Summer Schedule

- **Introduction to R for Social Scientists**
  June 1-2, 2023
  10:30am - 3:30pm EDT
  Instructor: Jeffrey Girard, Ph.D., *University of Kansas*
- **Intermediate R for Social Scientists**
  June 5-7, 2023
  10:30am - 3:30pm EDT
  Instructor: Jeffrey Girard, Ph.D., *University of Kansas*
- **Dyadic Longitudinal Data Analysis**
  June 5-8, 2023
  10:30am - 3:30pm EDT
  Instructor: Amie Gordon, Ph.D, *University of Michigan* & Kate Thorson, Ph.D., *Barnard College, Columbia University*
- **Equity-Informed Measurement**
  June 6-7, 2023
  11:00am - 3:30pm EDT
  Instructor: Matthew Diemer, Ph.D., *University of Michigan*
- **Introduction to Structural Equation Modeling**
  June 12-14, 2023
  10:30am - 3:30pm EDT
  Instructor: Aidan Wright, Ph.D., *University of Michigan*
- **Longitudinal Structural Equation Modeling**
  June 19-21, 2023
  10:30am - 3:30pm EDT
  Instructor: Aidan Wright, Ph.D., *University of Michigan*

- **Assessing Suicidal and Nonsuicidal Self-Injury**

  June 22-23, 2023

  11:00am - 3:30pm EDT

  Instructor: Kathryn Fox, Ph.D., *University of Denver* and Shirley Wang, A.M., *Harvard University*
- **Applied Machine Learning in R**

  June 22-23, 2023

  10:30am - 3:30pm EDT

  Instructors: Jeffrey Girard, Ph.D., *University of Kansas* and Shirley Wang, A.M., *Harvard University*
- **SMART & Pragmatic Clinical Trials**

  July 12-13, 2023

  1:00pm-5:00pm EDT

  Instructor: Kelley Kidwell, Ph.D., *University of Michigan*
- **Designing Ambulatory Assessment Studies**

  July 17-18, 2023

  10:30am-3:30pm EDT

  Instructor: Aidan Wright, Ph.D., *University of Michigan*
- **Latent Profile Analysis**

  July 17-19, 2023

  10:30am - 3:30pm EDT

  Instructor: Sarah K. Johnson, Ph.D., *Tufts University*
- **Latent Profile Transition Analysis**

  July 20-21, 2023

  10:30am - 3:30pm EDT

  Instructor: Sarah K. Johnson, Ph.D., *Tufts University*
- **Multilevel Modeling for Longitudinal Data**

  July 24-26, 2023

  10:30am-3:30pm EDT

  Instructor: Aidan Wright, Ph.D., *University of Michigan*
- **Time Series Analysis for Intensive Longitudinal Data**

  July 31-August 1, 2023

  10:30am-3:30pm EDT

  Instructor: Katie Gates, Ph.D., *University of North Carolina - Chapel Hill* & Sandra Williams, Ph.D., *University of North Carolina - Chapel Hill*

- **Group Iterative Multiple Model Estimation (GIMME)**

  August 3-4, 2023

  10:30am-3:30pm EDT

  Instructor: Katie Gates, Ph.D., *University of North Carolina - Chapel Hill*
- **Multilevel Structural Equation Modeling**

  August 7-8, 2023

  10:30am-3:30pm EDT

  Instructor: Aidan Wright, Ph.D., *University of Michigan*
- **Introduction to Item Response Theory**

  August 15 & August 17, 2022

  11:00am - 3:30pm EDT

  Instructor: Matthew Diemer, Ph.D., *University of Michigan*

More about the series Register here