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Summer Training Opportunities: 2022 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 2022)

The Pittsburgh Summer Methodology Series will be offering a number of study design and quantitative methodology 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 will be offered in a synchronous virtual format. Recordings will be made available to attendees after the workshop for 30 days.

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.

Available Courses

- **Equity-Informed Measurement**
  June 6-8, 2022
  11:00am - 3:00pm EDT
  Instructor: Matthew Diemer, Ph.D., *University of Michigan*
- **Designing Ambulatory Assessment Studies**
  June 9-10, 2022
  10:30am - 3:00pm EDT
  Instructor: Aidan Wright, Ph.D., *University of Pittsburgh*
- **Introduction to Structural Equation Modeling**
  June 21-23, 2022
  10:30am - 3:30pm EDT
  Instructor: Aidan Wright, Ph.D., *University of Pittsburgh*
- **Group Iterative Multiple Model Estimation (GIMME)**
  June 27-28, 2022
  10:30am - 3:30pm EDT
  Instructor: Katie Gates, Ph.D., *University of North Carolina*
- **Longitudinal Structural Equation Modeling**
  July 6-7, 2022
  10:30am - 3:30pm EDT
  Instructor: Aidan Wright, Ph.D., *University of Pittsburgh*
- **Multilevel Modeling for Longitudinal Data**
  July 19-21, 2022
  10:30am - 3:30pm EDT
  Instructor: Aidan Wright, Ph.D., *University of Pittsburgh*
- **Introduction to R for Social Scientists**
  July 25-27, 2022
  10:30am - 3:30pm EDT

Instructor: Jeffery Girard, Ph.D., *University of Kansas*

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

  August 1-2, 2022

  11:00am - 3:30pm EDT

  Instructor: Kathryn Fox, Ph.D., *University of Denver* and Shirley Wang, A.M., *Harvard University*

- **SMART Clinical Trial Design**

  August 3-4, 2022

  1:00pm - 5:00pm EDT

  Instructor: Kelley Kidwell, Ph.D., *University of Michigan*

- **Applied Machine Learning in R**

  August 8-11, 2022

  10:30am - 3:30pm EDT

  Instructors: Jeffrey Girard, Ph.D., *University of Kansas* and Shirley Wang, A.M., *Harvard University*

- **Introduction to Item Response Theory**

  August 9 & August 11, 2022

  11:00am - 3:30pm EDT

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

- **Latent Profile Analysis**

  August 15-17, 2022

  10:30am - 3:30pm EDT

  Instructor: Sarah K. Johnson, Ph.D., *Tufts University*

More about the series