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Summer Training Opportunities: 2021 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 2021)

The Pittsburgh Summer Methodology Series provides 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).

The offerings vary from year to year, but have included 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.

Course 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 participants the necessary knowledge and tools to implement these cutting edge methods in their own work.

Available Courses

- **Equity-Informed Measurement**

  May 17-19, 2021

  11:00am - 3:00pm EDT

  Instructor: Matthew Diemer, Ph.D., *University of Michigan*
- **Introduction to Structural Equation Modeling**

  June 7-9, 2021

  10:30am - 3:30pm EDT

  Instructor: Aidan Wright, Ph.D., *University of Pittsburgh*
- **Longitudinal Structural Equation Modeling**

  June 10-11, 2021

  10:30am - 3:30pm EDT

  Instructor: Aidan Wright, Ph.D., *University of Pittsburgh*
- **SMART Clinical Trial Design**

  June 16-17, 2021

  1:00pm - 5:00pm EDT

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

  July 12-13, 2021

  10:30am - 3:30pm EDT

  Instructor: Aidan Wright, Ph.D., *University of Pittsburgh*
- **Multilevel Modeling for Longitudinal Data**

  July 14-16, 2021

  10:30am - 3:30pm EDT

  Instructor: Aidan Wright, Ph.D., *University of Pittsburgh*
- **Applied Machine Learning in R**

  July 19-23, 2021

  1:00pm - 5:00pm EDT

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

More about the Series