

Professional Development and Training Courses

The Professional Development and Training Committee has planned a rich program of extended and mini-courses for the 2015 AERA Annual Meeting in Chicago. The program was crafted based on consideration of more than 50 submissions and a competitive review process. Professional development courses provide training in specific research methods and skills, cover significant research issues in education research and related disciplines, emphasize specialized areas, address professional development issues, focus on research for the improvement of practice, or examine recent methodological and substantive developments in education research.

The extended courses begin on Thursday, April 16, on the first day of the Annual Meeting. The mini-courses will be held Friday through Sunday, April 17–19. Potential participants can register for Professional Development and Training Courses by logging into and updating their 2015 AERA Annual Meeting registration (<http://www.aera.net>). Course participants should bring a laptop with any software suggested or specified in the course description. Direct questions about the professional development and training courses to profdevel@aera.net.

Extended Courses

Thursday, April 16

PDC01: An Introduction to Hierarchical Linear Modeling for Education Researchers (Fee: \$125)

PDC02: Analyzing NAEP Assessment Data with Plausible Values: Hands-on Practice Approach with the National Assessment of Educational Progress Sample Data (Fee: \$125)

PDC03: Applying Critical Discourse Analysis (CDA) in Education Research: Theory, Rigorous Method and Possibilities for Application (Fee: \$125)

PDC04: Bayesian Nonparametric Regression for Education Research (Fee: \$125)

PDC05: Coding Qualitative Data: A Survey of Selected Methods (Fee: \$125)

PDC06: Cost and Cost-effectiveness Analysis of Educational Programs (Fee: \$125)

PDC07: Improving Skills of School Leaders in Using Data to Drive Improvement: Building on a Tested District Model (Fee: \$125)

PDC08: Introduction to Systematic Review and Meta-analysis (Fee: \$125)

PDC09: Narrative Inquiry in Education Research (Fee: \$125)

PDC10: Story Mapping: An Innovative Process for Uncovering Community Assets and Building Shared Leadership Capacity (Fee: \$125)

PDC11: Using Critical Race Theory in Secondary and Higher Education Research (Fee: \$125)

PDC12: Video Analysis with the Measures of Effective Teaching Longitudinal Database (MET LDB) (Fee: \$125)

Mini-Courses

Friday, April 17

PDC13: Advanced Analysis Using Adult International Large Scale Assessment Databases (PIAAC) (Fee: \$95)

PDC14: Building Researchers' Capacity to Partner with Practitioners to Conduct Relevant and Useful Research (Fee: \$95)

PDC15: Propensity Score Matching Using R (Fee: \$95)

PDC16: Using NAEP Data on the Web for Educational Policy Research and Practice (Fee: \$95)

PDC17: New Weighting Methods for Causal Mediation Analysis (Fee: \$95)

PDC18: How to Get Published (Fee: \$95)

PDC19: Writing an Application for an IES Grant: A Workshop (Fee: This course is by application only. The application deadline was February 19, 2015.)

Saturday, April 18

PDC20: Performance in Teacher Education (Fee: \$55)

Sunday, April 19

PDC21: Designing Adequately Powered Group Randomized Trials: A Hands-On Workshop Using Optimal Design Plus (Fee: \$95)

PDC22: Embedding Evaluations in Everyday Activities: Conducting Opportunistic Experiments in Schools and Districts (Fee: \$55)

PDC23: Writing Up Findings: An Introduction to Crafting the Qualitative Research Report Narrative (Fee: \$55)

PDC24: Textbook Writing: The Integration of Scholarship and Teaching (Fee: \$55)

PDC25: Hierarchical Linear Modeling with Large-Scale International Databases (Fee: \$95)

PDC26: Social Networks Models in Education Research (Fee: \$95)

PDC27: Sensitivity Analysis: Quantifying the Discourse about Causal Inference (Fee: \$95)