M17-540 Introduction to Dissemination & Implementation Science (3 credits)
  • Coursemaster: Ana Baumann, PhD

  - Introduce field of dissemination and implementation research and science
  - Understand the importance of D&I science,
  - Explore the theories and frameworks that are commonly used in D&I research and practice,
  - Describe the importance of context at multiple levels in D&I science,
  - Distinguish between implementation strategies and outcomes from those in efficacy and effectiveness research,
  - Study designs, methods, and measures that support D&I science

M17-541 Methods, Metrics, and Measures for Dissemination and Implementation Research (3 credits)
  • Coursemaster: Elvin Geng, MD, MPH

  - Epidemiological and experimental methods with distinctive utility for D&I research
  - Explicates key concepts (e.g., adaptation, context) in implementation research
  - Focus on external validity as one of the key challenges to scientific advancement of implementation research
  - Covers established and emerging approaches to measurement and metrics in D&I
  - Emerging metrics in organizational culture, readiness, teams, as well as novel topics such as measurement for adaptation, context, sustainability (e.g., Program Sustainability Assessment Tool)

M17 Developing and Evaluating Implementation Strategies in Health and Social Services (3 credits)
  • Coursemaster: Byron Powell, PhD

  - Developing and evaluate implementation strategies
  - Introduce range of implementation strategies
  - Instruct on how to propose potential mechanisms of change;
  - Rigorously evaluate implementation strategies.
  - Intervention-, patient-, provider-, organizational-, policy and system-, and multi-level implementation strategies will be covered