

Research Skills Development Course

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Emory University Rollins School of Public Health

This course uses didactic and hands-on training to develop competency in scientific research skills. Its aim is to help participants design and develop a thoughtful, powerful, and fundable scientific research protocol.

Course Topics

PubMed® literature search and EndNote® basics

Academic Integrity and scientific writing

Anatomy of proposal, conceptual framework, field concentrations and budget

Basic biostatistics and analytic epidemiology

Causation

Surveys and sampling

Ethical consideration (IRB approval)

Interpretation and communication of data

Effective oral communication skills

Objectives

Apply the purpose and objectives of scientific research in proposal development

Retrieve relevant and appropriate published data, information, and scientific evidence relevant to an issue

Discriminate between appropriate study designs

Identify ethical, legal, and social issues of responsible scientific research

Plan data collection, activities, and budget

Apply knowledge management processes and utilize bibliographic tools in proposal development

Contact Program Coordinator at researchskillsdevelopment@gmail.com

