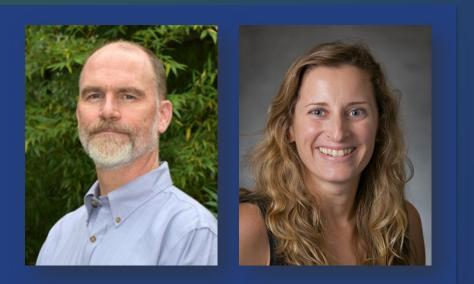


Co-Chairs:

- Patrick Heagerty, PhD
- Elizabeth L. Turner, PhD



Biostatistics and Study Design Core

Mission

- Provide expertise in novel designs and methods for ePCTs
- Document new statistical issues and share knowledge
- Develop methods to address challenges

Meeting Schedule

Monthly First Wednesday



Biostatistics and Study Design Core: Key Resources

- Living Textbook chapters on study designs and analysis plans
- Study Design eLearning and video modules
- Intraclass Correlation Coefficient Cheat Sheet
- Design and Analysis of ePCTs workshop (recording available)
- Substantial literature on design and analysis of group-randomized trials



Biostatistics and Study Design Core: Contributions to Trials

- Direct impact on many trials,
 resulting in revised:
 - Statistical analysis plans
 - Sample sizes
 - Trial designs
- Expertise in:
 - Cluster randomization
 - Stepped-wedge designs
 - Handling missing data
 - Heterogenous treatment effects
 - Power and sample size
- Collaborated with trials on lessons learned and methods publications

Consultation in first 3 months



"Take the Biostats Core Working Group advice seriously—get it early and act on it early." —Ted Melnick, PI of EMBED

"They helped with our early problems, and we got quite a bit of help towards the end for the publication in JAMA Internal Medicine, which was very productive." —Bev Green, Co-PI of STOP CRC

> "Originally...the statistical analysis we used had the effect of overcorrecting our data." *—Gloria Coronado, Co-PI of STOP CRC*