Core 5: Epidemiology, Biostatistics, & Informatics

How Does Your Core Contribute to the Infrastructure as a Whole?
Core Mission

• To serve as a source of expertise in epidemiology, biostatistics, and informatics specific to cancer and aging research, to promote the use of rigorous methods to conduct geriatric oncology science.
Core Function

• CONSULTATION
  • Aging-specific biostatistical support for all phases of studies including initial study design, sample size/power calculations, randomization, etc.
  • Expertise in geriatric assessments (in conjunction with Core 1 GA Measures)
  • Rigorous qualitative expertise
  • Intervention & implementation science

• RESOURCES
  • Datasets (e.g., CARG) for secondary data analysis
  • Toolbox of methods, analytical plans
  • Informatics support

• COLLOBRATION
  • Work closely with other cores to develop ideas
Work Flow

• Investigators will come in through the Mentorship Core
• We will review study proposal
• We will refer investigators to other cores as appropriate (e.g., intervention cores)
• We will provide support to performing and conducting research
• We will provide support with manuscript review
Policies and Procedures

• Target audience – junior and senior investigators
• Requiring institution to provide $ for $ match
• Identify what resources can be done at investigator’s institution versus what needs to be done within this core
• For junior investigators, the initial consultation involves the mentor
Interaction with other core groups

• Continued collaboration with other Core groups to support investigators of external projects
• Connect closely with Core 1: Geriatric Assessment – will assist with study design and analysis
Sustainability

1. Funding – match $ to $ from home institution and/or consider giving some of the pilot funding to support the core
2. Staff – may need to be on rotating services
3. Volunteers