

Core 5: Epidemiology, Biostatistics, & Informatics

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



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CANCER & AGING RESEARCH GROUP

Infrastructure Grant

Funded by NIH/NIA

Grant No. 1R21AG059206

Chair-Canlan Sun, PhD
Member, Oversight Board



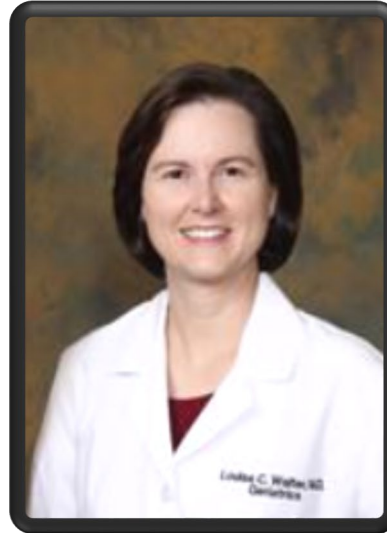
Dan Li
(Co-Chair, Junior Investigator Board)

Members

Louise Walter, MD
(Co-Chair, Organizational Liaison)



Karen Mustian Ph.D., M.P.H.
(Member, Oversight Board)



PI Liaison: William Dale, MD, PhD



Mina Sedrak, MD, MS
(Member, Junior Investigator Board)

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.



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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
- **COLLABORATION**
 - Work closely with other cores to develop ideas



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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



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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



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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



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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



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