Background

- 12/2006 Data Core Taskforce Report
- Two main areas emerged (80%):
  - Database Development and Management
    CRMS CRF in pilot stage of development
  - Statistics (high and low level)*
    Formation of the Data Core
About Us

• Jeannie-Marie Leoutsakos
  – Director
  – PhD (Psychiatric Epidemiology), MHS Biostatistics

• Nadia Husain
  – Research Data Analyst
  – ScM Biostatistics

Backup from Biostatistics faculty (incl. Constantine Frangakis, Elizabeth Stuart)
Future: Network of Related Groups (Biostatics Consulting Center, Bayview GCRC, BEAD)

Our Mission

To integrate quantitative methodological expertise into the design, grant writing, conduct, analysis, and reporting of research by departmental faculty.
Case Study – Therapeutic Workplace

• For HIV grant: ~50% of time spent talking about the design of the study, implications for analysis and inference.
  – Rush job possible because PI provided v. clean data files and necessary documentation, papers.
  – Independent viewpoint at planning stage

• Methodological/Software Challenge
  – Simulation studies of randomization schemes
  – Software for complex randomization schemes*

Collaboration with Us

• Study Planning: Database design
• Grant Preparation:
  o Hypothesis formulation
  o Sample size calculations
  o Analytic plans
• Analysis
  o Teaching and consultation
  o Data Analysis
• Publications and Presentations
  o Drafting of Analysis Sections
  o Manuscript Review
Funding

• NIH Sponsored Projects
  – Salary support
  – Supplies (computers, software, pencils)
• Non-NIH Projects
  – Fee based on time and resources
• Departmental Funds
  – Care for the statistically indigent

Managing & Prioritizing

• Goal: Serve as many as possible while keeping the data core self-sustaining and able to grow.
  – Advance planning for grants
  – Maintaining timelines for projects
• Prioritizing based on:
  – Need, merit, ability to pay, complexity of project
  – We will try to catch up during non-peak times
Future Growth

• More Staff (all levels)
• More Services
  – Data entry
  – Database design/management
  – Graphics/presentation
• Reevaluation of needs and services
• Seminars

Contact Us

• Website: TBA
• Read our policies (3 pages)
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• Phone: 410-550-9884