



JOHNS HOPKINS

MEDICINE

JOHNS HOPKINS
BAYVIEW MEDICAL CENTER

Presented by: Jeannie-Marie Leoutsakos
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Bayview Psychiatry Data Core

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Background



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MEDICINE

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- 12/2006 Data Core Taskforce Report
- Two main areas emerged (80%):
 - Database Development and Management
 - Statistics (high and low level)*

Formation of the Data Core

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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 (Biostatistics Consulting Center, Bayview GCRC, BEAD)

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Our Mission



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

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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*

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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

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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

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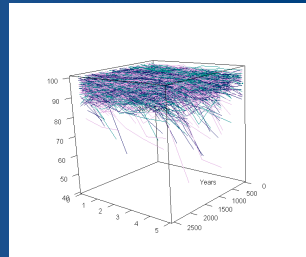
Managing & Prioritizing

- 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

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Future Growth

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



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Contact Us

- Website: TBA
- Read our policies (3 pages)
- Email: datacore@jhu.edu
- Phone: 410-550-9884

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