



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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- 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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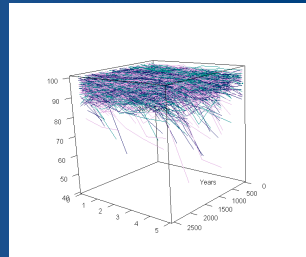
## Managing & Prioritizing

- 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](mailto:datacore@jhu.edu)
- Phone: 410-550-9884

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