



## ***Morphometry BIRN***

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2005 Morphometry BIRN Annual Meeting

Some Good News!

# Priorities for Oct 2005

## Science & Technology Publications

- MRI Calibration (MGH, UCSD)
- Defacing (UCSD, WashU, MGH)
- SASHA (JHU, WashU, MGH)
- MIRIAD (Duke, BWH, UCLA)
- Multi-site AD (UCSD, BWH, WashU)
- **Infrastructure deliverables**
  - MR Acquisition/Calibration tools
  - Defacing tools
  - Morph GUI & Data management tools (XNAT, ADNI, HID)
  - Workflow management tools

# Working to improve workflow

- Workflow Problem
  - Identify bottlenecks (usually where human intervention required) and engineer high-throughput solutions
- Workflow solution
  - Unify data processing pipeline solutions at various sites to become single mBIRN solution
  - Implement an open source solution using existing workflow-expression standards
- Benefits of single mBIRN solution
  - Set up collaborations faster
  - Greater exploration of recalculated experiments
  - Ability to routinely explore complex parameter spaces

# mBIRN 2005: Meeting Overview

- **Wed Mar 2**
  - PM: Welcome/Overview
  - Plenary Talk
- **Thu Mar 3**
  - AM: Core Progress Reports
  - PM: Group Discussions
    - MRI
    - Multi-site AD
    - Data/Workflow Management
- **Fri Mar 4**
  - AM: Group Discussions
  - PM: Summary Plans

## BIRN Enabled Computational Anatomy

Mike Miller - JHU