

# Introduction to Computational Medicine Data & Tools

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# Eureka Introduction/ Demonstration

Eureka Webinar

Playback is via the web in a Webex  
Recording Player

# GitHub

- Source-Control Management (SCM) System
  - Provides Collaborative Development Environment
  - Introduction to Collaborative Development
- JHU-BME580\_431 Organization
  - Newly created accounts have default password of “ChangeMe1”
- GitHub Desktop - Allows GitHub connections from your desktop
- Matlab Source Control Integration - Integrates GitHub directly into Matlab

# OneDrive

- Cloud Computing resource available via Hopkins Portal
- Cardiac Output Subjects with ABP Signal share
  - 282 MIMIC-II subjects
    - Per-minute vitals data including Cardiac Output
    - 125Hz Arterial Blood Pressure data for subjects
    - All tab-delimited text files with headers for per-minute data

# Eureka Access

- Eureka requires a Globus Account
  - If you don't have a Globus account, do the following:
    - Click Register on the Eureka
    - In the upper right-hand corner, click "Sign up"
    - Complete the account creation form
    - Look for a confirmation email and click to validate your email address
    - Once you have registered, return to Globus and sign in
    - Click 'Manage Identities' under your account name in the drop-down menu at the top of the page
    - Click the 'Add Linked Identity' link to associate your InCommon (e.g., Johns Hopkins) and/or Google account with your Globus account
      - This allows for Single Sign On in the future, using your InCommon and/or Google credentials instead of your Globus account

# GitHub/OneDrive Access

- All students should have access to both GitHub and OneDrive
- If a resource is inaccessible, send an e-mail to Stephen Granite ([sgranite@jhu.edu](mailto:sgranite@jhu.edu)) and the problems will be resolved