

# S2: i2b2 & SHRINE - Clinical Studies, Trials, & Feasibility

## Session Summary

The use of i2b2 for determining feasibility of clinical studies and clinical trials, focusing on the use of i2b2 in networks across the country, and novel approaches to allowing investigators to perform feasibility studies using i2b2-based client tools.

Presenters (4)



Jack London, PhD

Research Professor  
Cancer Biology

Thomas Jefferson  
University

Director, Informatics  
Shared Resource

Sidney Kimmel  
Cancer Center

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Douglas  
MacFadden

Chief Informatics  
Officer

Harvard Catalyst

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Kavi Waghlikar,  
PhD

Assistant in  
Computer Science

Massachusetts  
General Hospital

Instructor

Harvard Medical  
School

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Nich Wattanasin,  
MS

Corporate Team Lead

Partners HealthCare

## Presentations (4)

Presentation 1: SHRINE Update

*Presenter(s): Doug MacFadden*

- Brief overview of SHRINE
- New SHRINE Data Steward Application
- New SHRINE Dashboard
- Graphing and Reporting
- Future Plans



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Presentation 2: Feasibility Studies Using SHRINE and i2b2

*Presenter(s): Nich Wattanasin*

New features added to SHRINE and i2b2 Web Clients to help improve the workflow of identifying and extracting patient sets for clinical studies or trials.

New SHRINE Features:

- Zoom Query Status
- Graph Results
- Print Query Report
- Download Results
- Flagging Query

New i2b2 Features:

- Extract Patient Sets from SHRINE
- Patient Set Downloader
- Manage Data Files
- CSV Data File



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Presentation 3: Using i2b2 Data to Determine Clinical Trial Feasibility in the TriNetX Network

*Presenter(s): Jack London*

- Overview of cancer clinical trial accrual problem
- TriNetX Clinical Research Network and Jefferson University's participation



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Presentation 4: SMART on FHIR on i2b2

*Presenter(s): Kavi Waghlikar*

- New FHIR Cell
- i2b2-quickstart
- Standardizing docker containers

