Biomedical Translational Research Information System (BTRIS)

Policy Working Group Meeting
April 10, 2008
What is BTRIS?

- Formerly "CRIS-II"
- Not "Son of CRIS"
- Not just clinical
- Includes focus on translational research
- Hence:

What is BTRIS?
BTRIS Will:

- Be the preferred system to analyze NIH clinical and non-clinical data
- Aggregate and standardize disparate and isolated data sets
- Automate and streamline processes that are traditionally manual and cumbersome
- Prioritize data sources and functionality based on needs of user community

Demonstration Project

- Sources:
  - Current laboratory data
  - Old laboratory data (CDW/CDR or MIS)
  - Pharmacy orders (CRIS-I or MIS)
- Terminology Services
  - Code look-up
  - Simple class-based queries
- Data services
  - Data aggregation across sources
  - Data summarization by concept class

- Patient identification for possible recruitment
- …as per PI User Group

BTRIS Version 1.0

- Sources:
  - Data from Demonstration Project
  - Live data feeds from same sources
  - Feeds from additional sources
- Terminology Services
  - Same as Demonstration Project
  - Knowledge-based queries
- Data services
  - Same as Demonstration Project
  - …as per PI User Group

BTRIS Version 2 and Beyond

- New Clinical Center sources
- New IC sources
- Extramural sources
- Terminology maintenance for existing sources
- Terminology content for new sources
- Additional queries, functions and tools

New Committees

- Principal Investigator User Group
- Policy Working Group

Charges to the Policy Committee

- Ensure BTRIS supports data needs of NIH researchers
- Provide expertise on:
  - data access and sharing
  - human subjects research
  - privacy and HIPAA guidelines
- Ensure NIH policies: :
  - Enable use
  - Sensitive to needs of researchers

Some Questions to Consider

- How secure is BTRIS security?
- When sharing data, what are the rights of:
  - Subjects
  - Researchers
- What constitutes de-identification?
- What constitutes anonymization?
- How do we avoid unmasking?
- What other questions should we be asking?