Data Explorer

A new research tool brought to you by
University of California Research Exchange (UCReX)
Overview

UC ReX Data Explorer is a web based federated query tool that enables cross institutional cohort discovery. The tool accesses select aggregate patient data derived from the collective 8MM+ medical records of the UC biomedical campuses (Davis, Irvine, San Diego and San Francisco).

*(UCLA will be added in Q4 2012 and collective patient records will increase to 11MM+)*
Data Explorer Highlights

- Includes select de-identified data from all 5 UC biomedical campuses:
  - Davis
  - Irvine
  - Los Angeles*
  - San Diego
  - San Francisco

- Provides secure, web based, local access to a shared database network
- Includes patient demographics & diagnoses data
- Enables cohort discovery

(*UCLA data will be included Q4 2012)
Demographic Variables

- Age
- Ethnicity
- Gender
- Language
- Marital Status
- Race
- Religion
Diagnosis: ICD-9 Codes

- International Statistical Classification of Diseases and Related Health Problems
- A medical diagnosis ontology
- Selective granularity

Example:

- Injury and Poisoning
  - Toxic effects of non-medicinal substances
    - Toxic effect of alcohol
      - Toxic effect of ethyl alcohol
Identifying Cohorts

Utilizing the tool is simple.

1. Identify and select desired criteria
2. Click and drag criteria to the query tool
3. Run the query
4. Receive matching counts
NAVIGATE through
- Demographic variables
- ICD-9 codes
Alternatively, **SEARCH** for desired terms
SELECT desired variable(s) and drag into Query tool.
Once all desired variables have been selected, simply **RUN** the query.
Your query RESULTS will display upon completion.