Stony Brook University

Introductions at VIVO Workshop
3/29/2011
SBU Medical Informatics

- Develop and support the curriculum database application (CBase) for the School of Medicine
- Maintain the academic/research network infrastructure SOM/Health Sciences
- Develop and maintain HSC/Hospital web sites (Drupal-based)
- Computational and storage infrastructure (VMware/SAN)
- Evaluate and rollout new advanced technologies for the SOM
- Maintain support HD Video Teleconferencing infrastructure
- Provide data analytics and advanced information sciences support for SUNY DOH Medicaid Initiative, a consortium of the four health sciences centers of New York: Stony Brook, Buffalo, Upstate, and Downstate.
PubMed RDF Conversion

• A prototype project linked 2010 PubMed to the internal Health Sciences Library MARC holdings data (>800,000,000 triples)
• Allowed linked data search joining article data with holdings data
• PubMed conversion being updated to 2011 schema
• Will be adding RDF conversion for PubMed Central
• This work flows into the creation of a Stony Brook Institutional Repository
SUNY REACH

The goal of **SUNY REACH** (Research Excellence in Academic Health) is to promote collaboration in biomedical research among SUNY's geographically separated campuses and investigators.
RxNorm/UMLS as linked data

About: http://link.informatics.stonybrook.edu/umls/AUI/A7569852 (Cyclic GMP)
Refactoring Claims Centric Database
3D Visualization of Linked Data