What is VIVO?

• Research and Scholarship Discovery Across the University of Florida
  – A service of the Clinical and Translational Science Institute

• A Grant
  – $12.3M 2-year ARRA/NCRR to seven schools – UF (lead), Cornell, Indiana, Washington University, Weill Cornell Medical College, Scripps Research Institute, Ponce Medical School

• A Community
  – Rapidly growing group of collaborators, adopter, agencies around the country and world implementing VIVO for research and scholarship discovery

• Work in Progress
  – Development, implementation, outreach
Research and Scholarship Discovery

• Provide linked information about research and scholarship: people, papers, grants, organizations, resources, studies, creative works, datasets
  – Searchable
  – Authoritative
  – Linked
  – Open
  – Reusable
  – Visualized
VIVO at UF

• VIVO at UF currently contains 6,928 faculty, 18,427 grants, 8,752 organizations, 66,825 course sections and 12,553 publications. Grants are linked to people, organizations. Full navigation.

• Linked data – An organization lists its grants and investigators. An investigator lists grants and organizations. A grant lists its organizations and investigators.

• Example: UF Department of Chemistry page lists 327 awards, each linked to faculty involved
Faculty and staff profiles provide linked information regarding scholarly activity.

Visualizations show co-author, co-investigator networks and compare activity over time.
Future Uses for VIVO

- Identify potential collaborators and mentors
- Find investigators by location
- Find mentors
- Understand social networks of scholarship
- Find resources and the people who use them
- Route information based on interests
- Link and query externally curated information
- Predict team success
Collaboration and Coordination

- At UF – Libraries, CTSI, AHC IT, Office of Research, Enterprise Systems, Registrar, Business Services
- Federal agencies – OSTP, NIH, NLM, NSF, VA, USDA, EPA, FDA, NASA, FDP, ...
- Publishers and Aggregators – Elsevier, Thomson-Reuters, ORCID, CiteSeer, Arxiv, CrossRef, Dspace, ...
- Ontology partners – EuroCRIS, CASRAI, OBO, Eagle-I, ...
- Professional Societies – APA, AAAS, AIRI, AAMC, ABRF, ...
- International – Australia, China, Netherlands, UK, Canada, Brazil, ...
- Semantic Web community – DERI, Tim Berners-Lee, MyExperiment, ConceptWeb, Open Pharma Space (EU), Linked Data, ...
- Social Network Analysis Community – Northwestern, Davis, UCF, ...
- Six sub-awards to Duke, Pittsburgh, Leicester, Stonybrook, Weill, Indiana
- Addtn Schools and Consortia – CTSAs, Iowa, Harvard, UCSF, Stanford, MIT, Brown, Duke, Johns Hopkins, Colorado, OHSU, Minnesota, more than 100
- Application and service providers – over 100
- Software downloads (over 16,000) and contact list (over 1,600)
2012 VIVO Conference
August 22-24, 2012 ~ Miami, FL
Register at vivoweb.org/conference