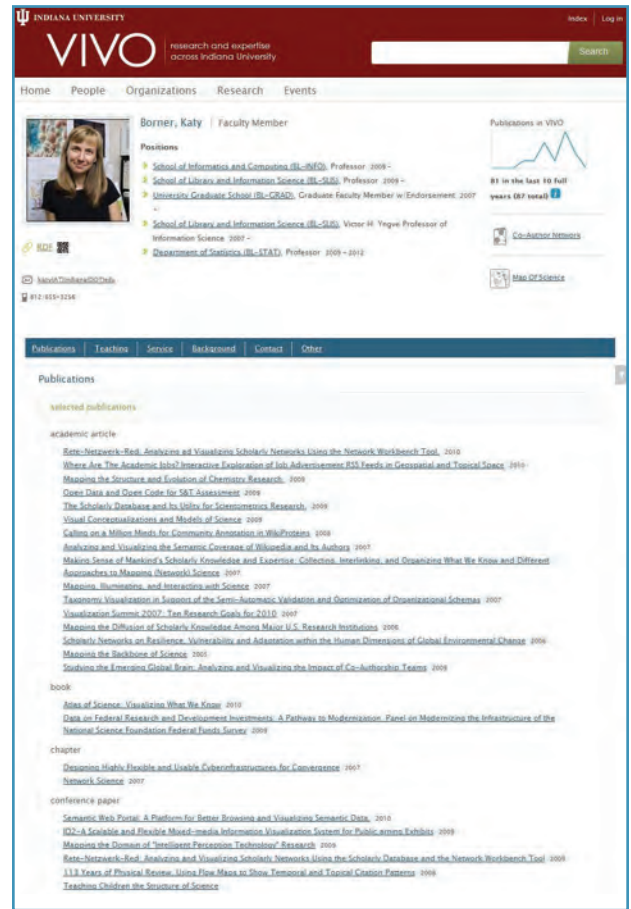


What is VIVO?

VIVO is an open source semantic web platform that enables the discovery of research and scholarship across disciplinary and administrative boundaries through interlinked profiles of people and other research-related information. VIVO was originally developed at Cornell University and in 2009, The University of Florida received a \$12.2M award from the NIH to expand the platform at Cornell and five other institutions to facilitate cross-institutional discovery. Currently VIVO is being adopted by institutions and organizations in the United States and abroad - offering a dynamic platform which facilitates collaboration and discovery across all scholarly disciplines.

VIVO is populated with information about researchers - allowing them to highlight areas of expertise, display academic credentials, visualize academic and social networks and display information such as publications, grants, teaching, service, and more. Profile information can be programmatically imported from authoritative data sources such as institutional records, local repositories and bibliographic and grant databases.

VIVO and other compatible applications produce a rich network of information across institutions, organizations, and agencies that can be searched to foster collaboration and enable open research discovery. The VIVO software and ontology are publicly available along with content that supports implementation, adoption, and development efforts around the world. To learn more, visit <http://vivoweb.org/>.



Visualizing Science

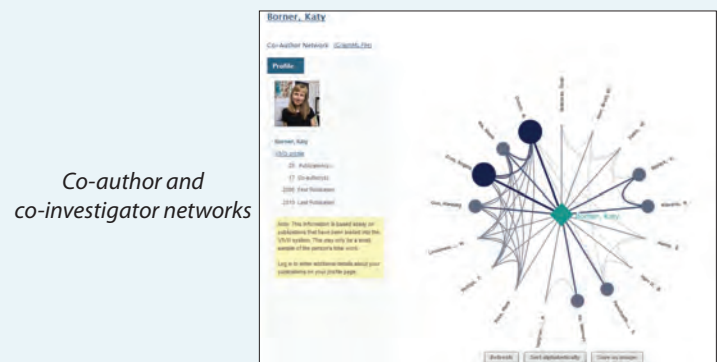
VIVO provides network analysis and visualization tools to maximize the benefits afforded by the data available in VIVO. VIVO enables high quality data to be revealed about researchers, their collaborators, their funding sources, and more, offering elegant visualizations of the research enterprise on the individual, local, and global levels.



The Map of Science visualization allows exploration of the scientific strengths of a university, school, department or person



Temporal visualizations showcase grants and publications over time



Co-author and co-investigator networks

Why Use VIVO?

Any individual may access the browse and search functionalities of VIVO anytime via the web. Researchers, scholars, students, administrators, funding agencies, donors, and members of the general public may all benefit from using VIVO and VIVO data.

- ✓ Create cross-disciplinary research teams
- ✓ Identify potential funding opportunities
- ✓ Recruit students, faculty, & staff
- ✓ Locate focused publication content
- ✓ Assemble specialized review panels
- ✓ Plan budgets, services and resources
- ✓ Visualize of complex networks and relationships

Data Sources

VIVO uses data ingested from institutional sources of record and authoritative external sources and can be supplemented with manual entry. Harvester, an extensible data ingest and updating framework, reduces the burden on local implementation teams as they populate their local data stores with publication, grants, and human resources data. VIVO even provides a way to highlight the efforts of an organization's researchers in Open Access journals and offers institutions an elegant way to highlight their institutional repository as a critical campus resource.

VIVO data conform to a public ontology of types and relationships that can be extended for local needs. VIVO's ontology supports faceted searching for quick retrieval of people, organizations, events, and research-related information.

VIVO data is available for reuse by web pages, applications, and other consumers both within and outside the institution.

Using VIVO data

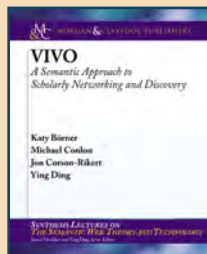
Research discovery is facilitated via content browsing and the structured data lends itself to a variety of applications that can make use of these data. A SPARQL query builder is part of the standard VIVO distribution and allows for end-user data requests from a VIVO implementation, enabling access to data for subsequent analysis, evaluation, and visualization of the research enterprise. Across institutions, VIVO provides a uniform semantic structure to enable a new class of tools that can use the data to advance science at all levels.



Examples at: <http://vivosearchlight.org/>, <http://vivo.cns.iu.edu/gallery.html>, and <http://xcite.hackereo.org/VIVOviz/visualization.html>

NEW! VIVO: A Semantic Approach to Scholarly Networking and Discovery

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Search Across Semantic Data

A multi-site search prototype at <http://vivosearch.org> allows users to sample the rich data available in VIVO from people, papers, grants, events, organizations, and concepts at eight universities. The VIVO search tool can provide meaningful search across a set of semantically available endpoints using the VIVO ontology, whether populated from VIVO or any of several other research networking tools.



VIVO to Join DuraSpace Organization Incubator Initiative

As VIVO project moves in the direction of becoming a sustainable organization, DuraSpace (an independent not-for-profit) will provide VIVO with infrastructure and guidance to continue support for a diverse array of project efforts while continuing to develop the core VIVO software and expand the VIVO community. VIVO is a fully open platform with a growing worldwide community focused on the collection, connection, sharing, and discovery of information about research. The relationship with DuraSpace ensures that these efforts can move forward efficiently in a sustainable fashion.

Get Involved!

Would you like to learn more about VIVO and how it works? Interested in collaborating? Have a specific question about supporting VIVO at your institution? Would you like to give us feedback or schedule a demonstration? Please send us a note at <http://vivoweb.org/contact>.

Follow the Project



<http://vivoweb.org>



<http://twitter.com/VIVOcollab>



<http://www.facebook.com/VIVOcollaboration>

VIVO Open Source Community

<http://vivo.sourceforge.net>

VIVO enjoys a robust open source, open community space on SourceForge. The site offers a wiki, focused listservs, and ways of connecting with other VIVO project members such as event listings and collaborative phone calls. The VIVO software and ontology are publicly available at the SourceForge site, along with content that supports implementation, adoption, and development efforts around the world.