# vivoprofile.bmpVIVO -- Research and Expertise Across Cornell

VIVO helps researchers to discover each other, facilitating communication and collaboration across interdisciplinary and institutional boundaries.

VIVO helps prospective and current students and employees, administrators, donors, funding agencies, and the public find comprehensive, authoritative information about Cornell research and scholarship.

VIVO is …

 A **semantic web application** that enables the discovery of research and scholarship across disciplines in an institution

 Populated with **detailed profiles** of faculty and researchers; displaying items such as publications, teaching, service, and professional affiliations

 A **powerful search tool** for locating people and information within or across Cornell’s departments, colleges, and campuses

# VIVO includes all disciplines at Cornell and provides:

* The VIVO website (http://vivo.cornell.edu) for searching and browsing
* Filtered views - Graduate Programs in the Life Sciences, CALS Research portal
* Repurposing of data for unit web sites (College of Arts and Sciences)
* Self-editing capability and staff editing privileges for departments or centers
* Library curation and reference question response by disciplinary specialists
* Active collaboration with Weill Cornell Medical College.

# Ongoing Work

### Within Cornell University

* Closer integration of VIVO and VIVO data into Cornell University’s web presence
* Automated data ingest and update for courses, HR appointments, grants, and faculty reporting (Activity Insight)
* Documented templates for consuming VIVO data in common Web formats

### At the national level1

* Visualizations of complex publication and research networks and relationships for individual researchers, institutions, and national trends – within VIVO!
* Supplemental authoritative external data for publications and grants
* Improved search extending beyond Cornell to other institutions
* Support from external applications, e.g., to generate biosketches

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| Sites using VIVO at Cornell University |
| VIVO Cornell | <http://vivo.cornell.edu>  |
| Graduate Programs in the Life Sciences | <http://grad.lifesciences.cornell.edu/>  |
| Entrepreneurship @ Cornell | <http://eship.cornell.edu/>  |
| CALS Impact and Research | <http://impact.cals.cornell.edu>  |
| Faculty profiles (example) | <http://classics.cornell.edu>  |
| NIH-funded VIVO Project Institutions1 |
| University of FloridaDevelopment focus: authentication, data ingest | <http://vivo.ufl.edu> |
| Cornell UniversityDevelopment focus: core application and semantics | <http://vivo.cornell.edu> |
| Indiana UniversityDevelopment focus: visualization, social networking | <http://vivo.iu.edu>  |
| Ponce School of Medicine | <http://vivo.psm.edu> |
| The Scripps Research Institute | <http://vivo.scripps.edu> |
| Washington University, St. Louis | <http://vivo.wustl.edu> |
| Weill Cornell Medical College | <http://vivo.med.cornell.edu>  |
| International sites using VITRO (code-base for VIVO) |
| ANDS-Vitro Consortium (Griffith, QUT, University of Melbourne, VeRSI) | <http://ands.org.au/resource/solutions.html>  |
| Chinese Academy of Sciences (3 sites) | <http://ske.las.ac.cn>  |

Other sites piloting or adopting **VIVO** technology

Arizona State University, Duke University, IICA, Los Alamos National Laboratory, Northwestern University, Stony Brook University, University of Arkansas, University of Buffalo, University of Colorado – Boulder, University of Delaware, University of Oregon, University of Virginia, USDA

Integration partners

APA (Digital Trust), Duke (Widgets), Harvard University (Harvard Profiles), Indiana University (HUBzero), Orchid, Stony Brook University (UMLS), University of Hong Kong (Knowledge Exchange), University of Pittsburgh (Digital Vita), Weill Cornell Medical College (Google Refine).

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