

# VIVO-ISF Ontology Working Group

## Leadership

Dr. [Melissa Haendel](#) from Oregon Health and Science University chairs the VIVO-ISF Ontology Working Group and represents the working group on the Steering Group.

2015 discussion of [Proposed ontology development workflow](#)

## Documentation

- [VIVO-ISF Ontology](#) (version 1.6)
- [VIVO-ISF ontology documentation](#)
- [ISF ontology browser](#)

## Interest groups

- [Grant - Project interest group](#)
- [Humanities interest group](#)
- [Publications interest group](#)
- [Knowledge mobilization interest group](#)
- [Open Annotation](#)
- [Provenance](#)
- [SciENCV](#)

## Membership

Please sign up here if you wish to be included in the Working Group roster of members. Anyone may participate in the [biweekly calls](#), including more than one person from an organization, regardless of whether the organization has become a sponsor of the VIVO Project.

Please join one or more [Email Lists](#) if you have not already done so.

name	organization	title
<a href="#">Melissa Haendel</a>	Oregon Health & Science University Library	Lead Ontologist, OHSU Library Assistant Professor, Department of Medical Informatics & Clinical Epidemiology
<a href="#">Brian Lowe</a>	<a href="#">Ontocale SRL</a>	Owner/administrator and developer
<a href="#">Jon Corson-Rikert</a>	Cornell University Library	VIVO Development Lead
<a href="#">Violeta Ilik</a>	Galter Health Sciences Library, Northwestern University	Digital Innovations Librarian
<a href="#">Dagobert Soergel</a>	University at Buffalo, Dept. of Library and Information Studies	Professor
<a href="#">Jing Wang</a>	Johns Hopkins University, Sheridan Libraries	Systems Integration Engineer
<a href="#">Daniela Bourges-Waldegg</a>	Harvard Medical School	Lead Architect, Harvard Catalyst
<a href="#">Stephen Williams</a>	University of Colorado Boulder, Faculty Affairs	FIS Developer
<a href="#">Steven McCauley</a>	Brown University	Semantic Web Programmer
<a href="#">Kristi Holmes</a>	Galter Health Sciences Library, Northwestern University	Bioinformaticist
<a href="#">Alexandre Rademaker</a>	IBM Research and FGV/Brazil	Researcher and Professor
<a href="#">Mike Conlon</a>	Independent kind of guy	VIVO Project Director

## Potential activities

With release 1.6, VIVO will be adopting a larger ontology derived from both the VIVO and [eagle-i](#) ontologies and addressing broader needs in research representation including research resources and clinical expertise. The ontology will be promoted going forward as the **Integrated Semantic Framework** or **ISF**, but will continue to be managed by members of the VIVO community together with participants in the [CTSAconnect project](#) representing eagle-i and the biomedical research community more generally, as well as other individuals and groups who wish to become involved.

Ideas for activities of the VIVO-ISF Ontology Working Group include:

- more explicitly developing and prioritizing issues for upcoming ISF ontology and VIVO software releases
- establishing sub-groups to work on specific areas of interest such as provenance
- providing opportunities for training on ontologies and how they are used in VIVO and other Semantic Web applications, and on SPARQL and Linked Open Data
- evaluating existing and new tools to support ontology creation, editing, change management, release, and evaluation
  - setting up a shared rather than single-user environment for use in training as well as in developing each successive ontology release
- working with members of the development team to design and test improvements to the VIVO ontology editor and/or features of VIVO to better manage and reflect ontology-related requirements, including VIVO's additional operational ontologies including the application configuration ontology, display model ontology, authentication and authorization ontology
- working with the Vitro code base as an ontology-driven application platform for projects unrelated to VIVO including Semantic Web education and training
- adapting and extending the Integrated Semantic Framework (ISF) ontology for new domains, preferably by evaluating and adopting existing ontology efforts by other parties but also by targeted new ontology work
- working with members of other VIVO DuraSpace Working Groups to improve the ontology to support multi-site search, including issues such as sameAs assertions, shared instance data, and linkages to externally-managed terminologies and authoritative name services for people, organizations, geographic locations, events, or projects
- working with representatives of non-academic organizations to better understand the needs of labs, government or non-profit organizations, or consortia adopting VIVO
- participating as representatives for the ISF in ontology projects with the W3C or other groups
- establishing a more formal process for moving the Integrated Semantic Framework forward through public releases, in coordination with the eagle-i community and other interested parties and not necessarily strictly tied to VIVO software releases

Your thoughts are very much appreciated, and feel free to add comments on this page.

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## Child pages

- [Humanities Ontology](#)
- [Knowledge Mobilization Ontology interest group](#)
- [Provenance Ontology](#)
- [Publications interest group](#)
- [Open Annotation](#)
- [Grant - Project interest group](#)
- [SciENCv interest group](#)
- [VIVO-ISF Ontology Calls](#)
- [Proposed ontology development workflow](#)