# **BioRDF: Seeding the Semantic Web**

Susie Stephens, Server Technology, Oracle

#### **BioRDF Charter**

- Build a life sciences demo that spans from bench to bedside using RDF & OWL to help scientist better understand the value of the Semantic Web
- Explore the effectiveness of current tools for making data available as RDF
- Document our finding to help accelerate the adoption of the Semantic Web by others

## **BioRDF Participants**

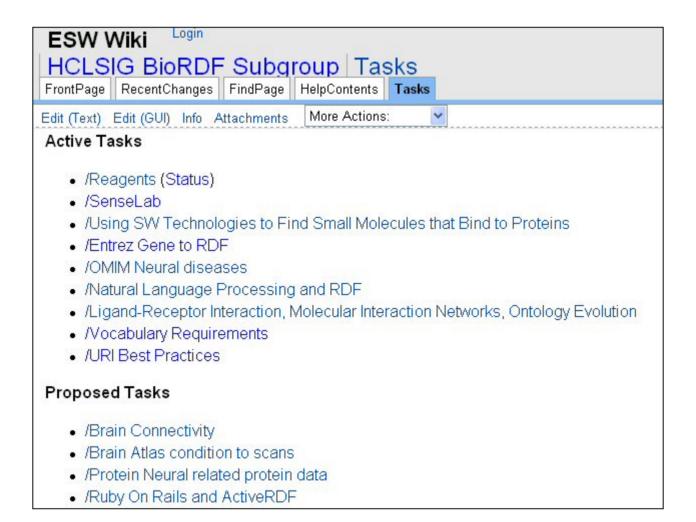
John Barkley (NIST), Olivier Bodenreider (NLM), Kyle Bruck (Stanford University), Kei Cheung (Yale University), Tim Clark (MGH), Don Doherty (Brainstage Research), Carole Goble June Kinoshita (AlzForum), Nikesh Kotecha (Stanford University), Ora Lassila (Nokia), Joanne Luciano (Predictive Medicine), M. Scott Marshall (University of Amsterdam), Brian Osborne (BioPerl), Daniel Rubin (Stanford University), Alan Ruttenburg (Millennium Pharmaceuticals), Matthias Samwald (Medical University of Vienna), Andy Seaborne (HP), Karen Skinner (NIH), Susie Stephens (Oracle), John Wilbanks (Creative Commons), Elizabeth Wu (AlzForum), Davide Zaccagnini (Language and Computing).

### **Neuroscience Focus**

- Heterogeneous Data
  - Molecules to nervous system
  - Numerous Web resources
  - Effective data sharing and integration needed
- Heterogeneous Interfaces
- Disease Focus
  - Huntingtons
  - Alzheimers
  - Parkinsons



### **BioRDF Tasks**



## **Summary**

- A BioRDF community now exists
- Converted a number of data sources into RDF
- Starting to build a demo
- Participate in BioRDF
  - http://esw.w3.org/topic/HCLSIG\_BioRDF\_Subgroup
  - Mondays, 11am ET