Introduction to Biomedical Ontologies
A two-day intensive training course

April 12-13, 2008

TO BE HELD AT:
Center for Inquiry
1310 Sweet Home Road
Amherst, New York, 14228

This course is designed to provide a basic introduction to ontology with special reference to applications in the field of biomedical research. It will provide an overview of current developments and best practices in ontology in the life sciences and beyond.

Topics will include:

What is an ontology?

How ontologies support reasoning and data integration

Overview of upper-level ontologies

Basic Formal Ontology:
An ontology to support scientific research

Open Biomedical Ontologies (OBO)
and the Web Ontology Language (OWL)

The OBO Relation Ontology and the OBO Foundry

An ontological introduction to biomedicine:
Defining function and disease

The Gene Ontology (GO), the Foundational Model of Anatomy (FMA)
and the Infectious Disease Ontology (IDO)

Applications of ontology outside biomedicine

The course will be constructed around a series of lectures given by Barry Smith of the University at Buffalo. Smith is the author of some 300 publications in the domain of ontology and its applications. (See http://ontology.buffalo.edu/smith)

Further details of this event are available at:
http://ontology.buffalo.edu/08/TrainingCourse

**To register your interest in attending this course,
please write to ontology@buffalo.edu.**

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