



# ICBO: International Conference on Biomedical Ontology

## Doctoral and Post-Doctoral Consortium

July 27, 2011 ■ 4:00pm - 8:00pm

### Workshop Venue:

Marriott Buffalo Niagara, 1340 Millersport Highway ■ Amherst, New York 14221

Room: Salon C&D / 2nd Floor

ICBO 2011 will be preceded by a four-hour doctoral and postdoctoral colloquium. This event is designed to provide an opportunity for current PhD students and postdoctoral researchers to give a short presentation of their research with ample time for feedback and mentorship. It will also allow participants to network with other early career scientists in ontology and biomedicine.

## PROGRAM

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|---------------|---|---------------|--|
| <b>3:30pm</b> | <b>Registration</b>   | <b>6:05pm</b> | <b>A Case Study in Using ZFA and PATO for Describing Histological Phenotypes in the Larval Zebrafish</b><br>Brian Canada, Georgia Thomas,<br>Timothy Cooper, Keith Cheng               |
| <b>4:00pm</b> | <b>Introduction</b><br>Albert Goldfain, Consortium Organizer  | <b>6:25pm</b> | <b>Epistemological Issues in Information Organization Instruments: Ontologies and Health Information Models</b><br>André Queiroz Andrade, Maurício Barcellos Almeida                   |
| <b>4:10pm</b> | <b>One Empirical Study, Three Tests of Translation, Many Questions on Biomedical Ontologies: Limited Contribution of MeSH Terms to Effective Literature Searches on 'Health-Related Values'</b><br>Mila Petrova | <b>6:45pm</b> | <b>Break</b>   |
| <b>4:30pm</b> | <b>The Age of Data-Driven Medicine: Mining the Electronic Health Record</b><br>Paea Lependu, Mark A. Musen, Nigam H. Shah   | <b>7:00pm</b> | <b>The Foundational Model of Neuroanatomy Ontology: An Ontology Framework to Support Neuroanatomical Data Integration</b><br>B. Nolan Nichols, Jose L.V. Mejino Jr., James F. Brinkley |
| <b>4:50pm</b> | <b>Quality of Care Domain Modeling in Cancer: A Semantic Approach</b><br>Sina Madani, Dean F. Sittig, Parsa Mirhaji, Kim Dunn   | <b>7:20pm</b> | <b>Workflows and Framework for Nutritional/Metabolic Phenotype/Genotype and Foods-for-Health Knowledge Integration</b><br>Matthew Lange, J. Bruce German, Jim Kaput                    |
| <b>5:10pm</b> | <b>Philosophy, Ontology, and Scientific Explanation</b><br>James A. Overton   | <b>7:40pm</b> | <b>Applications for a Translational Biomedical Ontology Model</b><br>Robert Yao, Graciela Gonzalez   |
| <b>5:30pm</b> | <b>Break</b>  |               |  |
| <b>5:45pm</b> | <b>Refining Ontology for Glucose Metabolism Disorders</b><br>Yu Lin   |               |  |