

CURRICULUM VITAE
AMANDA HICKS, PH.D.

Assistant Professor of Biomedical Informatics
Health Outcomes and Policy, University of Florida
Clinical and Translational Research Building
PO Box 100219
Gainesville, Florida 32607-0219
aellenhicks@gmail.com, aehicks@ufl.edu
+1 (352) 294-5932/ +1 (303) 946-8304

EDUCATION

Ph.D. Philosophy, 2014, University at Buffalo – SUNY

Dissertation Title: *Ampliative Inference and the Principle of Sufficient Reason*

MA Philosophy, 2009, University at Buffalo - SUNY

BA Philosophy, *Summa Cum Laude*, 2004, University of Colorado at Denver

AREAS OF EXPERTISE

Biomedical Informatics

Applied ontology – development

Wordnets

Ontology of socially constructed entities

Gender identity terms as related to LGBT health and medical terminologies

PUBLICATIONS

Papers (Peer Reviewed)

1. Hicks, A., W.R. Hogan, J. Hanna, D. Welch, M. Brochhausen, “The Ontology of Medically Related Social Entities: Recent Developments” *The Journal of Biomedical Semantics*. 7:47. 2016.
2. Bian J., K. Yoshigoe, A. Hicks, J. Yuan, Z. He, M. Xie, Y. Guo, M. Prosperi, R. Salluom, F. Modave. “Mining Twitter to assess the public perception of the ‘Internet of things’”. *PLOS One*. 11(7):e0158450. 2016.
3. Hicks A., A. Herold, “Cross-Lingual Evaluation of Ontologies with Rudify”, 2011, in *Knowledge Discovery, Knowledge Engineering and Knowledge Management, IC3K, Revised Selected Papers*. ed. A. Fred, et al., pp. 151-163, Springer-Verlag.
4. Vossen P., E. Agirre, F. Bond, W. Bosma, C. Fellbaum, A. Hicks, S. Hsieh, H. Isahara, C. Huang, K. Kanzaki, A. Marchetti, G. Rigau, F. Ronzano, R. Segers, M. Tesconi. “KYOTO: A wiki for establishing semantic interoperability for knowledge sharing across languages and cultures”, 2010, *Handbook of Research on Culturally-Aware Information Technology Perspectives and Models*. ed. E. Blanchard, et al., pp. 265-294, IGI Global.

In Conference Proceedings (Peer Reviewed)

5. A. Hicks, "A Realist Representation of Social Identity Data" in *The Proceedings of Joint International Conference on Biological Ontology and BioCreative*, Corvallis, Oregon, August 2016.
6. Hogan W., J. Hanna, A. Hicks, S. Amirova, B. Bramblett, M. Diller, R. Enderez, T. Modzelewski, M. Vasconcelos, and C. Delcher, "Therapeutic Indications and Other Use-case-driven Updates in the Drug Ontology Anti-malarials, Anti-hypertensives, Opioid Analgesics, and a Large Term Request." In *Vaccine and Drug Ontology Systems* c A. Hicks, "A Realist Representation of Social Identity Data" in *The Proceedings of Joint International Conference on Biological Ontology and BioCreative*, Corvallis, Oregon, August 2016.
7. Welch D., A. Hicks, J. Hanna, and W. Hogan, "A Semantic Web Representation of Entire Populations" in *Joint International Conference on Biological Ontology and BioCreative*, Corvallis, Oregon, August 2016.
8. Utecht J., J. Judkins, M. Brochhausen, T. Colvin Jr., J.N. Otte, N. Rogers, R. Rose, M. Alvi, A. Hicks, J. Ball, S.M. Bowman, R.T. Maxson, R. Nabaweesi, R. Pradhan, N.D. Sanddal, M.E. Tudoreanu, and R. Winchell, "OOSTT: a Resource for Analyzing the Organizational Structures of Trauma Centers and Trauma Systems" in *Joint International Conference on Biological Ontology and BioCreative*, Corvallis, Oregon, August 2016.
9. Hicks A., M. Rutherford, C. Fellbaum, J. Bian, "An Analysis of WordNet's Coverage of Gender Identity Using Twitter and National Survey Data" in *Proceedings of the 8th Global WordNet Conference*, Bucharest, Romania, January 2016.
10. Seppälä S., A. Hicks, A. Ruttenberg, "Semi-Automatic Mapping of WordNet to Basic Formal Ontology", in *Proceedings of the 8th Global WordNet Conference*, Bucharest, Romania, January 2016.
11. Hicks A., W.R. Hogan, M. Rutherford, B. Malin, M. Xie, C. Fellbaum, Z. Yin, BE, D. Fabbri, J. Hanna, J. Bian. "Mining Twitter as a First Step toward Assessing the Adequacy of Gender Identification Terms on Intake Forms", in *Proceedings of The American Medical Informatics Association 2015 Annual Symposium*, San Francisco, CA, November 2015.
12. Seppälä, S., A. Hicks. "Enhancing terminological knowledge with upper level ontologies". In T. Poibeau and P. Faber, editors, *Proceedings of the 11th International Conference on Terminology and Artificial Intelligence (TIA 2015)*, volume Vol-1495, Granada, Spain, November 2015.
13. Hicks A., "Kant's Response to the Principle of Sufficient Reason", 2013, in *Kant und die Philosophie in weltbürgerlicher Absicht*. ed. S. Bacin, et al., pp. 359-370. De Gruyter.

SOLICITED REVIEWS

In Mathematical Reviews

1. Graham Priest, "Against Against Nonbeing", 2012
2. Sven Rosencrantz, "Knowability, Closure, and Anti-Realism", 2009
3. Rebecca Goldstein, *Incompleteness: The Proof and Paradox of Kurt Gödel*, 2008, coauthored with John Corcoran
4. "Reason, Intuition, Objects: The Metaphysics and Epistemology of Logic and Mathematics", November 2007

DICTIONARY ENTRIES

In *Key Terms in Logic*, eds. J. Williamson, J. and F. Russo. Continuum Books, 2010

1. "Gödel, Kurt", p. 125.

Also featured in *The Reasoner*, vol. 4, No. 2, February, 2010. Available at

2. "Countability", p. 19
3. "Postulate", p. 79
4. "Universe of Discourse", p. 107

PEER REVIEWED PRESENTATIONS

1. A. Hicks, "A Realist Representation of Social Identity Data" *The International Conference on Biological Ontology and BioCreative*, Corvallis, Oregon, August 2016.
2. Hogan W., J. Hanna, A. Hicks, S. Amirova, B. Bramblett, M. Diller, R. Enderez, T. Modzelewski, M. Vasconcelos, and C. Delcher, "Therapeutic Indications and Other Use-case-driven Updates in the Drug Ontology Anti-malarials, Anti-hypertensives, Opioid Analgesics, and a Large Term Request." Vaccine and Drug Ontology Systems co-located with *Joint International Conference on Biological Ontology and BioCreative*, Corvallis, Oregon, August 2016.
3. Welch D., A. Hicks, J. Hanna, and W. Hogan, "A Semantic Web Representation of Entire Populations" *Joint International Conference on Biological Ontology and BioCreative*, Corvallis, Oregon, August 2016.
4. Utecht J., J. Judkins, M. Brochhausen, T. Colvin Jr., J.N. Otte, N. Rogers, R. Rose, M. Alvi, A. Hicks, J. Ball, S.M. Bowman, R.T. Maxson, R. Nabaweesi, R. Pradhan, N.D. Sanddal, M.E. Tudoreanu, and R. Winchell, "OOSTT: a Resource for Analyzing the Organizational Structures of Trauma Centers and Trauma Systems", *Joint International Conference on Biological Ontology and BioCreative*, Corvallis, Oregon, August 2016.
5. Hicks A., M. Rutherford, C. Fellbaum, J. Bian, "An Analysis of WordNet's Coverage of Gender Identity Using Twitter and National Survey Data", *The 8th Global WordNet Conference*, Bucharest, Romania, January 2016.
6. Seppälä S., A. Hicks, A. Ruttenberg, "Semi-Automatic Mapping of WordNet to Basic Formal Ontology", in *The 8th Global WordNet Conference*, Bucharest, Romania, January 2016.
7. Hicks A., W.R. Hogan, M. Rutherford, B. Malin, M. Xie, C. Fellbaum, Z. Yin, BE, D. Fabbri, J. Hanna, J. Bian. "Mining Twitter as a First Step toward Assessing the Adequacy of Gender Identification Terms on Intake Forms", *The American Medical Informatics Association 2015 Annual Symposium*, San Francisco, CA, November 2015.
8. Seppälä, S., A. Hicks. "Enhancing terminological knowledge with upper level ontologies", *11th International Conference on Terminology and Artificial Intelligence (TIA 2015)*, Granada, Spain, November 2015.
9. Hicks A., "Kant's Response to the Principle of Sufficient Reason", The XIth International Kant Congress: Kant and Philosophy in a Cosmopolitan Sense, Pisa, Italy, May 2010
10. Hicks A., A Herold. "Evaluating Ontologies with Rudify" International Conference on Knowledge Engineering and Ontology Development, Madeira, Portugal, October 2009, Recipient of the Best Student Paper Award

11. Hicks A. "Motivations for Studying the Independence of Axiom Sets", Western New York-Western Pennsylvania Regional Meeting, American Catholic Philosophy Association, Buffalo, NY, November 2007
12. Hicks A. "Motivations for Studying the Independence of Axiom Sets", 2nd Annual Universal Logic Congress, Xi'an, China presented by title, August 2007
13. Hicks A. "What Can 4-Dimensionalists Coherently Say?", Society for Student Philosophers Annual Conference, Austin, TX, January 2007

RESEARCH REPORTS

1. Jarrar M., A. Yahya, A. Salhi, M. Abu Helou, B. Sayrafi, M. Arar, J. Daher, A. Hicks, C. Fellbaum, S. Bortoli, P. Bouquet, R. Costa, C. Roche, M. Palmonari. Arabization and Multilingual Knowledge Sharing. Research Report Deliverable 3.2, SIERA Project (ICT-295006), September 26, 2014, EU.
2. Abu Helou M., M. Jarrar, M. Palmonari, A. Salhi, A. Hicks, S. Bortoli, C. Roche, C. Fellbaum, P. Bouquet, A. Yahya. Intermediate Report on Research Setup. Research Report Deliverable 2.1, SIERA Project (ICT-295006), May 29, 2013, EU.
1. Hicks A., P. Vossen, E. Laparra, G. Rigau. Domain Extension of the Central Ontology – Final, Research Report Deliverable 8.3, Kyoto project (ICT-211423), March 15, 2011, EU.
2. Alvez J., M. Hermo, E. Laparra, G. Rigau, A. Hicks, C. Fellbaum, P. Vossen. "Central Ontology – revised", Research Report Deliverable 6.5, Kyoto project (ICT-211423), April 2, 2010, EU. Vossen P., R. Segers, A. Hicks, A. Herold, G. Rigau, E. Agirre, A. Estarrona, M. Cuadros, E. Laparra, K. Kanzaki. "Wordnets mapped to central ontology -revised", Research Report Deliverable 6.6, Kyoto project (ICT-211423), April 3, 2010, EU.
3. Rigau G., P. Vossen, E. Agirre., J. Alvez, C. Fellbaum, M. Hermo, A. Hicks, P. Lucio, A. Marchetti. "Automatic Deduction and Inferencing Techniques", Research Report Deliverable 6.4, Kyoto project (ICT-211423), March 22, 2010, EU.
4. Herold. A., A Hicks, G. Rigau, E., Laparra, Central Ontology Version - 1. KYOTO Project, Research Report Deliverable 6.6, Kyoto project (ICT-211423), February 29, 2009, EU.
5. Herold A., A. Hicks, R. Segers, P. Vossen, G. Rigau, E. Agirre, E. Laparra, M. Monachini, A. Toral, C. Soria. "Wordnets mapped to Central Ontology", Research Report Deliverable 6.3, Kyoto project (ICT-211423), March 2, 2009. D7.5a Wiki Environment for Ontology Editing with Marchetti, A., et al., KYOTO Project (ICT-211423), 2009. EU.
6. C. Fellbaum, Hicks A., L. Jones-Walters, A. Marchetti, G. Rigau, C. Soria, P. Vossen, D.6.1. Accumulated Knowledge with Fellbaum, C. et al., KYOTO Project (ICT-211423), December 24, 2008, EU.

INVITED PRESENTATIONS

1. "Gender identity data in the EHR: Motivations and challenges for getting it right", *The Fifth Annual Workshop of the Clinical and Translational Science Ontology Group*, Buffalo, New York, September 2016.

2. "Who's paying and who's graying? The organizations and roles associated with insurance policies, funding agencies, and national census data" at the Workshop on Social Ontologies at *The Proceedings of Joint International Conference on Biological Ontology and BioCreative*, Corvallis, Oregon, August 2016.
3. Hicks, A. "Modeling Social Identities In Realist Ontologies" at the Institute for Human and Machine Cognition, Ocala, Florida, June 2016, available at <https://www.youtube.com/watch?v=-pcQUNWtnVk>
4. Hicks, A. "NCI Thesaurus and the Collaborative Inter-Lingual Index," *Health Insight Workshop*, Oslo, Norway, May 2016
5. Hicks A., Hogan WR. "Continuity of Care Document & RDF/OWL. Ontology in Practice", The Fourth Clinical and Translational Science Ontology Workshop Charleston, South Carolina 2015.
6. Hicks A., "The Lexicon And The Ontology: Bridging Resources in Informatics", Biomedical Informatics Seminar, University of Florida, February 2015.
7. Hicks A., "Contrastive Explanation and the Principle of Sufficient Reason", Colloquium Series, Department of Philosophy, University of Florida, September 2014.
8. Hicks A., "Abduction and Ampliative Inference", The Metaphysical Club, University of Helsinki, Finland, January 2014.
9. Hicks A., "The Principle of Sufficient Reason, Non-Deductive Inference, and Scientific Representation", The Leibniz Doctoral School, Hanover, Germany, September 2011.
10. Hicks A., "Thinking About Planets: What the Discovery of Neptune Reveals About Ampliative Inference" Friday Lunch Time Talks, UB Philosophy Department, Buffalo, NY, September 2011.
11. Hicks A., Herold A. "Ontology Foundations and Acquisition", 1st Kyoto Workshop: Environmental Knowledge Transition and Exchange, Amsterdam, Netherlands, February 2009.
12. Hicks A., "Motivations for Studying the Independence of Axiom Sets", Buffalo Logic Colloquium, Buffalo, NY, June 2007.

POSTER PRESENTATIONS

1. Diller M., Johnson E., Hicks A., Hogan W. "An Ontological Analysis of Symbiotic Relationships". Presented at Emerging Pathogens Institute Research Day, hosted by the Emerging Pathogens Institute, University of Florida, Gainesville, Florida. February 18, 2016.
2. Hicks A., W.R. Hogan, M. Rutherford, B. Malin, M. Xie, C. Fellbaum, Z. Yin, BE, D. Fabbri, J. Hanna, J. Bian. "Mining Twitter as a First Step toward Assessing the Adequacy of Gender Identification Terms on Intake Forms", Presented at 2016 Celebration of Research, hosted by the College of Medicine, University of Florida. February 22, 2016.
3. Hicks A., W.R. Hogan, M. Rutherford, B. Malin, M. Xie, C. Fellbaum, Z. Yin, BE, D. Fabbri, J. Hanna, J. Bian. "Mining Twitter as a First Step toward Assessing the Adequacy of Gender Identification Terms on Intake Forms", Presented at Institute for Child Health Policy Annual Research Day, Hosted by Institute for Child Health Policy, University of Florida
4. Hicks A., W.R. Hogan, M. Rutherford, B. Malin, M. Xie, C. Fellbaum, Z. Yin, BE, D. Fabbri, J. Hanna, J. Bian. "Mining Twitter as a First Step toward Assessing the Adequacy of Gender

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ahicks@ufl.edu

Identification Terms on Intake Forms” *University of Florida, College of Medicine Celebration of Research*, Gainesville, Florida, February 2016

5. Hicks A., W.R. Hogan, M. Rutherford, B. Malin, M. Xie, C. Fellbaum, Z. Yin, BE, D. Fabbri, J. Hanna, J. Bian. “Mining Twitter as a First Step toward Assessing the Adequacy of Gender Identification Terms on Intake Forms” *Institute for Child Health Policy Research Day*, Gainesville, FL, October 2015
6. Welch D., A. Hicks, J. Hanna, W. R. Hogan. “Toward an Ontological Representation of Synthetic Ecosystem Data” *Institute for Child Health Policy Research Day*, Gainesville, FL, October 2015
7. Hicks, A., W.R. Hogan, Z. He, J. Hanna, B. Shenkman, J. Yuan, and J. Bian, “Using Semantic Queries For Cohort Discovery Across Research Networks” Poster presentation ODSHI Symposium 2015, Washington DC, October 2015

CONTRIBUTIONS TO CONFERENCES AND WORKSHOPS

MODERATING AND COMMENTING

1. Co-Organizer for Fourth International Workshop on *Definitions* in Ontologies (*IWOOD* 2016) at *International Conference for Biological Ontology & BioCreative*, Corvallis, Oregon, August 2016
2. Moderated the Session “Ontology”, The 7th International Global WordNet Conference, Tartu, Estonia, January 25-29, 2014
3. Commentator, Catherine Sutton’s “Why Composition is Not Identity”, *Metaphysics Without Apology: Themes from the Work of E. J. Lowe* University at Buffalo, April 7, 2006
4. Moderated E. J. Lowe’s “New Directions in Metaphysics”, *Metaphysics Without Apology: Themes from the Work of E. J. Lowe* University at Buffalo, April 7, 2006

CONFERENCE ORGANIZATION

1. 8th International Workshop on Ontology Content (OnToContent)
Co-Chair with Matteo Palmonari and Mustafa Jarrar. Part of the OnTheMove Conferences and Workshops, Rome, Italy, September 10-14, 2012
Keynote: Aldo Gangemi,
2. Reason, Intuition, and Objects: Epistemology and Metaphysics of Logic and Mathematics.
Graduate Student Philosophy Conference organized in conjunction with Andrew Spear, University at Buffalo, Buffalo, NY, October 13, 2007
Keynote: Stewart Shapiro
3. *Metaphysics Without Apology: Themes from the Work of E. J. Lowe.*
Graduate Student Philosophy Conference organized in conjunction with Andrew Spear and Kristl Laux, University at Buffalo, Buffalo, NY, April 7, 2006
Keynote: E. J. Lowe

CONFERENCE PROGRAM COMMITTEE

1. International Conference on Biological Ontology & BioCreative (ICBO 2016)
Organized by Pankaj Jaiswal and Robert Hoehndorf, Corvallis, Oregon, August 2016
2. 2014 Mountain-Plains Philosophy Conference

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aehicks@ufl.edu

Organized by Candice Shelby, University of Colorado at Denver, Denver, Colorado, October 16-18, 2014

3. 5th International Conference on Biomedical Ontologies (ICBO 2014)
Organized by Bill Hogan, University of Arkansas for Medical Sciences, Sivaram Arabandi, ONTOPRO and Health 2.0, Brian Lang, Seniors in Touch and Health 2.0
Houston, Texas, October 6-9, 2014
4. Sub-reviewer for 8th International Conference on Formal Ontology in Information Systems (FOIS 2014)
Organized by Laure Vieu, CNRS, France
Rio de Janeiro, Brazil, September, 22-25, 2014
5. 5th Global WordNet Conference
Organized by Pushpak Bhattacharyya, Indian Institute of Technology, Bombay, Mumbai, January 31-February 4, 2010

WORK EXPERIENCE

RESEARCH POSITIONS

1. Assistant Professor – Health Outcomes and Policy, University of Florida
May 2015 – Present
2. Instructor – Division of Biomedical Informatics, University of Arkansas for Medical Sciences
February 2013 – April 2015
Ontology Consultant - SIERA Project, a 7th Framework EU Project, Berlin-Brandenburg
Academy of Sciences and Humanities
April 2012 – September 2014
3. Ontology Consultant - KYOTO Project, a 7th Framework EU Project, Berlin-Brandenburg
Academy of Sciences and Humanities
October 2010 – January 2011
February 2010 – March 2010
4. Research Scientist (Wissenschaftlerin) – KYOTO Project, a 7th Framework EU Project, Berlin-
Brandenburg Academy of Sciences and Humanities
July 2008 – December 2009

PRINCIPAL INSTRUCTOR

1. *PHI 246 Ethics of Technology*, Fall 2012
Canisius College, Philosophy Department
2. *PHI 101 Introduction to Philosophy*, Fall 2012
Canisius College, Philosophy Department
3. *PHI 225 Logic*, Spring 2011
Canisius College, Philosophy Department
4. *PHI 101 Introduction to Philosophy*, Summer 2011, Spring 2011, Fall 2010, Summer 2010
University at Buffalo, Philosophy Department
5. *PHI 215 Introduction to Deductive Logic*, Fall 2008, Spring 2007
University at Buffalo, Philosophy Department

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aehicks@ufl.edu

6. *Instructor* – English as a Second Language/GED Writing/Mathematics, Spring 2002
Emily Griffith Opportunity School Denver, CO

CO-INSTRUCTOR

1. *BINF 5013: Reasoning with Medical Data*, Fall 2013
with Mathias Brochhausen
Division of Biomedical Informatics, University of Arkansas for Medical Sciences, and
Department of Bioinformatics, University of Arkansas Little Rock
2. *Ontology, Lexicon and Cognitive Science*, Summer 2012
with Christiane Fellbaum
First International Summer School On Ontological Analysis, Trento, Italy
3. *Introduction to Ontology Development and Tools – Part I: First Steps in Ontology
Development*, Summer 2011
with Mathias Brochhausen
International Conference on Biomedical Ontologies, ICBO 2011, Buffalo NY

TEACHING ASSISTANT AND GRADER

1. Teaching Assistant – *Introduction to Philosophy*, Spring 2010
Prof. M. McGlone
University at Buffalo, Philosophy Department
2. Teaching Assistant – *World Civilizations I and II*, Fall 2005 – Spring 2007
Prof. W. Baumer
University at Buffalo, General Education Department
3. Grader – *Introduction to Ethics*, Fall 2002 – Spring 2004
Introduction to Philosophy
Introduction to Symbolic Logic
Prof. C. Shelby
University of Colorado at Denver, Philosophy Department
4. Grader – *English Composition*, Spring 1999
Prof. P. Dolan
Arapahoe Community College, English Department

OTHER WORK EXPERIENCE

1. Tutor – *Symbolic Logic*, Fall 2003
2. Metropolitan State College Tutoring Center, Denver, CO
3. Tutor – English, Mathematics, and Study Skills, Spring 2002, Fall 2002, Spring 2001, Fall 2000
4. Emily Griffith Opportunity School, Denver, CO

RESEARCH SUPPORT

Current

1. MIDAS MIDAS Informatics Services Group
Funding Agency: National Institute for General Medical Sciences

Project Description: The two main goals for this project are to 1) develop a domain ontology of population biology and incorporate it into the Apollo-SV ontology; and 2) extend Apollo-SV to include representations of entities outside the domain of population biology necessary for the MIDAS Information Management System.

Principal Investigator: Mike Wagner, University of Pittsburg

Role: Co-investigator

2. OneFlorida Cancer Control Network

Funding Agency: James and Esther King Foundation Biomedical Research Program

Project Description: The OneFlorida Clinical Research Network is a collaboration between UF, FSU, UM, and a variety of other organizations including other Florida colleges and universities, health care delivery organizations, community-based organizations, and public and private payers. The collaboration centers on conducting high-quality research in a variety of clinical and nonclinical settings with a diverse population. Our vision is for all Floridians to have the opportunity to both participate in and benefit from translational research to improve the health of all Floridians.

Principal Investigator: Elizabeth Shenkman, University of Florida

Role: Co-investigator

Completed

3. Apollo: Increasing access and use of epidemic models through the development and adoption of standards

Funding Agency: National Institute for General Medical Sciences

Project Description: The goal of the proposed research is to develop standard ontology and syntax for the inputs and outputs of epidemic models to make them accessible to a wide variety of analysis, decision support, geographical information system, and biosurveillance software to improve their access and use.

Principal Investigator: William R Hogan, University of Florida/Mike Wagner, University of Pittsburg

Role: Co-investigator

4. CAFE - Comparative Assessment Framework for Environments of Trauma Care

Funding Agency: National Institute of General Medical Sciences

Project Description: This project aims to develop a web service that allows representatives in interested institutions to pre-assess the organizational structure of their trauma center or trauma system and to learn about possible optimizations.

Principal Investigator: Mathias Broachhausen, University of Arkansas for Medical Sciences

Role: Co-investigator

5. NCS - The National Children's Study

Funding Agency: The Department of Health and Human Services

Project Description: The National Children's Study will examine the effects of environmental influences on the health and development of more than 100,000 children across the United States, following them from before birth until age 21.

Principal Investigator: Charlotte Hobbs, Arkansas Center for Birth Defects Research and Prevention

Role: Research Associate

6. SIERA - Integrating Sina Institute into the European Research Area
Funding Agency: The European Commission (FP7-ICT)
Project Description: SIERA is an EU FP7 funded project in the field of multilingual and multicultural knowledge sharing technologies. The objective of SIERA project is to reinforce closer and sustainable scientific cooperation between Palestinian and EU scientists in the field of multilingual and multicultural knowledge sharing technologies.
Principal Investigator: Mustafa Jarrar, Sina Institute, Birzeit University
Role: Subcontractor
7. KYOTO - Knowledge Yielding Ontologies for Transition-based Organization
Funding Agency: The European Commission (FP7-ICT)
Project Description: The goal of KYOTO is to develop a content enabling system that provides deep semantic search and information access to large quantities of distributed multimedia data for both experts and the general public, covering a broad range of data from wide-spread sources in a number of culturally diverse languages.
Principal Investigator: Piek Vossen, Free University Amsterdam
Role: Subcontractor

LANGUAGES

1. English - Native language
2. German - Intermediate reading and speaking proficiency

AWARDS, HONORS, AND GRANTS

1. Clinical and Translational Science Award Travel Scholarship, 2016
For attendance of The 5th Annual Clinical and Translational Science Working Group Meeting, Buffalo, New York, September 7-8, 2016
2. ICBO Travel Stipend, 2016
for attendance of the ICBO: International Conference of Biological Ontology, Corvallis, Oregon, August 1-4 2016
3. Grant from the Leibniz Chair, University of Hannover, 2011
for the International Leibniz Doctoral Seminar, 21-25 September
4. Travel grant from Department of Philosophy, University at Buffalo, 2011
for International Leibniz Doctoral Seminar, 21-25 September
3. ICBO Stipend, 2011
for attendance of the ICBO: International Conference of Biomedical Ontology, University at Buffalo, 26-30 July
4. Travel grant from Samuel P. Capen Chair, 2010
for The XI International Kant Congress: Kant and Philosophy in a Cosmopolitan Sense, Pisa, Italy, May
5. Travel grant from Peter Hare Memorial Fund, 2010
for The XI International Kant Congress: Kant and Philosophy in a Cosmopolitan Sense, Pisa, Italy, May

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6. Best Student Paper Award “Evaluating Ontologies with Rudify”, 2009
co-authored with Axel Herold, Knowledge International Conference on Knowledge Engineering and Ontology Development, Madeira, Portugal, October,
7. ICBO Travel Stipend, 2009
ICBO: International Conference of Biomedical Ontology, University at Buffalo, July 24-26
8. The Burroughs Wellcome Fund Travel and Tuition Stipend, 2007
for participation in the Infectious Disease Ontology Workshop Cold Spring Harbor Research Laboratory, Organized by Barry Smith and Lindsey Cowell in Cold Springs Harbor, Long Island, NY, Participant, September 19-20
9. University at Buffalo Graduate Student Employee Union Retention Award, 2007
10. First Place, Buffalo Logic Contest, 2006
awarded by John Corcoran, University at Buffalo
11. Summa Cum Laude Departmental Honors, 2004
University of Colorado at Denver
12. Honi Fern Harbor Memorial Scholarship, 2002
University of Colorado at Denver

MENTORING

Michael Rutherford, M.S. Candidate, Information Quality Program, University of Arkansas at Little Rock, 2015

Project Title: “Improving Research Data Systems Using Information Quality Ontologies”

This project uses information ontologies to improve the completeness and accuracy of information systems in the National Children’s Study.

Role: External Sponsor

COMMITTEES AND SERVICE

1. IAOA-Education Committee, founding member and wiki webmaster, 2015
2. Graduate Student Coordinator of the University at Buffalo Undergraduate Philosophy Club, Fall 2006 – Spring 2008
3. President, Graduate Philosophical Association, University at Buffalo – Fall 2006, Spring 2007
4. Executive Committee Member, Philosophy Department, University at Buffalo Fall 2005 – Spring 2008
5. University at Buffalo Logic Colloquium Committee Member Fall 2005 – Spring 2008

PROFESSIONAL MEMBERSHIPS

The American Medical Informatics Association

The Global WordNet Association

The International Association of Ontology and its Applications

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aehicks@ufl.edu