

JODI SCHNEIDER

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School of Information Sciences
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EDUCATION

- 2014 PhD, Informatics. National University of Ireland, Galway
Dissertation title: Identifying, Annotating, and Filtering Arguments and Opinions
in Open Collaboration Systems
- 2008 MS, Library & Information Science. University of Illinois, Urbana-Champaign
- 2002 MA, in Mathematics, minor in Computer Science, University of Texas at Austin
Report title: Modeling Traffic Flow with PDEs
- 1998 BA, Great Books of the Western tradition, St. John's College, Annapolis, MD

EMPLOYMENT

- Feb 2018– Clinical Assistant Professor, Department of Psychiatry, University of Illinois
Chicago School of Medicine, Chicago, IL (0%)
- Aug 2016– Assistant Professor, School of Information Sciences, University of Illinois at
Urbana-Champaign, Champaign, IL
- Assistant Professor (0%), Illinois Informatics Institute, since August 2016
- Assistant Professor (0%), Beckman Institute (Organizational Intelligence &
Computational Social Science Working Group within the Intelligent Systems
research theme), since March 2017
- Assistant Professor (0%), Health Care Engineering Systems Center at the
Coordinated Science Laboratory, since March 2017
- Assistant Professor (0%), European Union Center, Jean Monnet Centre of
Excellence, since March 2017
- 2015–2016 NIDCR/NLM Postdoctoral Trainee, Department of Biomedical Informatics,
University of Pittsburgh, Pittsburgh, PA
Labs: Translational Informatics Applied to Drug Safety (Linked Data) &

Center for Informatics in Oral Health Translational Research (Evidence Synthesis)

Funding: T-15, National Library of Medicine & National Institute of Dental and Craniofacial Research

- 2013–2015 Marie Curie Fellow, INRIA: French Institute for Research in Computer Science and Automation, Sophia Antipolis, France
Lab: Web-instrumented man-machine interactions, communities, and semantics
Funding: European Commission 7th Programme Framework, Alain Bensoussan Fellowship Programme of the European Research Consortium for Informatics and Mathematics.
- 2009–2013 Researcher, National University of Ireland, Galway, Ireland
Lab: Social Semantic Web
Funding: Science Foundation Ireland
- 2009 Web Librarian & Assistant Professor, Appalachian State University, Boone, NC
- 2005–2008 Science Library Specialist, Amherst College, Amherst, MA

VISITING POSITIONS

- 2016 National Library of Medicine Research Participation Program, Lister Hill National Center for Biomedical Communications, Bethesda, MD
- 2015 Moore Institute Visiting Research Fellowship, The Moore Institute for Research in the Humanities and Social Studies, National University of Ireland, Galway
- 2012 Honorary Research Assistant, Computer Science, University of Liverpool, UK

PUBLICATIONS (underlining indicates student mentee)

Refereed Journal Articles

- 2018 Sally Jackson and **Jodi Schneider**. Cochrane Review as a "Warranting Device" for Reasoning About Health. *Argumentation*. 32: 241-272 doi:10.1007/s10503-017-9440-z
- 2017 Andrea Thomer, Yi-Yun Cheng, **Jodi Schneider**, Michael Twidale, Bertram Ludäscher. Towards alignment of natural history museum database schemas using a logic-based reasoning tool. *Knowledge Organization*. 44(7): 545-558
- 2017 Thomas Rindflesch, Catherine Blake, Marcelo Fiszman, Halil Kilicoglu, Graciela Rosemblat, **Jodi Schneider**, and Caroline Zeiss, "Informatics Support for Basic

Research in Biomedicine”. *The ILAR Journal*. 58 (1): 80–89.
doi:10.1093/ilar/ilx004

- 2013 Richard D. Boyce, John Horn, Oktie Hassanzadeh, Anita de Waard, **Jodi Schneider**, Joanne S. Luciano, Majid Rastegar-Mojarad, Maria Liakata, “Dynamic Enhancement of Drug Product Labels to Support Drug Safety, Efficacy, and Effectiveness”. *Journal of Biomedical Semantics*. 4(5). doi:10.1186/2041-1480-4-5
- 2013 **Jodi Schneider**, Tudor Groza, Alexandre Passant, “A Review of Argumentation for the Social Semantic Web”. *Semantic Web Journal – Interoperability, Usability, Applicability*. 4(2), 159–218. doi:10.3233/SW-2012-0073.

Refereed Conference Publications in Proceedings

- 2018 Linh Hoang and **Jodi Schneider**. Opportunities for computer support for systematic reviewing - a gap analysis. In: Chowdhury G., McLeod J., Gillet V., Willett P. (editors), *Transforming Digital Worlds: Proceedings of iConference 2018*, Sheffield, UK, March 25-28. Lecture Notes in Computer Science book series, volume 10766. iConference, Sheffield, UK, March doi:10.1007/978-3-319-78105-1_40
- 2017 Yi-Yun Cheng, Nico Franz, **Jodi Schneider**, Shizhuo Yu, Thomas Rodenhausen, Bertram Ludäscher. Agreeing to disagree: reconciling conflicting taxonomic views using a logic-based approach. Association for Information Science and Technology, Crystal City, Virginia, October
- 2017 Mathias Brochhausen, Joseph Utecht, John Judkins, **Jodi Schneider**, Richard D. Boyce. “Formalizing Evidence Type Definitions for Drug-drug Interaction Studies to Improve Evidence Base Curation”. *Proceedings of the 16th World Congress on Medical and Health Informatics (MEDINFO 2017)*, Hangzhou, China, August
- 2017 Aseel Addawood, **Jodi Schneider**, Masooda Bashir, “Stance Classification of Twitter Debates: The Encryption Debate as A Use Case”. *Proceedings of the International Conference on Social Media & Society (#SMSociety17)*, Toronto, Canada, July
- 2014 **Jodi Schneider**, Aaron Halfaker, Bluma Gelley, “Accept, decline, postpone: How newcomer productivity is reduced in English Wikipedia by pre-publication review”. *Proceedings of the 10th International Symposium on Open Collaboration (OpenSym, Wikipedia track)*, Berlin, Germany, August
- 2013 **Jodi Schneider**, Krystian Samp, Alexandre Passant, Stefan Decker, “Arguments about Deletion: Guiding New Wikipedians in Making Good Arguments”.

Proceedings of Computer Supported Cooperative Work and Social Computing (CSCW). San Antonio, Texas, February

- 2012 **Jodi Schneider**, Adam Wyner, “Arguing from a Point of View”. *Proceedings of the First International Conference on Agreement Technologies (AT 2012)*. Dubrovnik, Croatia, October
- 2012 **Jodi Schneider**, Brian Davis, Adam Wyner, “Dimensions of Argumentation in Social Media”. *Proceedings of the 18th International Conference on Knowledge Engineering and Knowledge Management (EKAW 2012)*. Galway, Ireland, October
- 2012 Adam Wyner, **Jodi Schneider**, Katie Atkinson, Trevor Bench-Capon, “Semi-Automated Argumentative Analysis of Online Product Reviews”. *Proceedings of the Fourth International Conference on Computational Models of Argument (COMMA 2012)*. Vienna, Austria, September
- 2012 **Jodi Schneider**, Alexandre Passant, Stefan Decker, “Deletion Discussions in Wikipedia: Decision Factors and Outcomes”. *Proceedings of the Eighth International Symposium on Wikis and Open Collaboration (WikiSym 2012)*. Linz, Austria, August
- 2011 **Jodi Schneider**, Alexandre Passant, John G. Breslin, “Understanding and Improving Wikipedia Article Discussion Spaces”. *Proceedings of the 26th ACM Symposium on Applied Computing (SAC 2011)*. TaiChung, Taiwan, March
- 2010 **Jodi Schneider**, Alexandre Passant, Tudor Groza, John G. Breslin, “Argumentation 3.0: How Semantic Web Technologies Can Improve Argumentation Modeling in Web 2.0 Environments”. *Proceedings of the Third International Conference on Computational Models of Argument (COMMA 2010)*. Desenzano del Garda, Italy, September
- 2010 Alexandre Passant, Antoine Zimmermann, **Jodi Schneider**, John G. Breslin, “A Semantic Framework for Modelling Quotes in Email Conversations”. *Proceedings of the International Conference on Intelligent Semantic Web-Services and Applications (ISWSA 2010)*, Amman, Jordan, June

Edited Proceedings

- 2013 **Jodi Schneider** & Alison Callahan, editors. *Proceedings of the 1st Workshop on Semantic Web Technologies for Libraries and Readers (STLR)*, at the *ACM/IEEE Joint Conference on Digital Libraries (JCDL)*, Ottawa, Ontario, Canada, June 2011. *Bulletin of IEEE Technical Committee on Digital Libraries*, Vol. 9, Number 1, July

Workshop Papers

- 2016 M. Janina Sarol, Linxi Liu and Jodi Schneider. Testing a Citation and Text-Based Framework for Retrieving Publications for Literature Reviews. *Bibliometric-enhanced Information Retrieval Workshop at 40th European Conference on Information Retrieval (ECIR)*, Grenoble, France, March 26
- 2016 Sally Jackson and **Jodi Schneider**. “Argumentation Devices in Reasoning About Health.” *The 16th Workshop on Computational Models of Natural Argument (CMNA 2016)*. In conjunction with *IJCAI 2016*, New York, New York, July 11
- 2015 **Jodi Schneider**, Mathias Brochhausen, Samuel Rosko, Paolo Ciccarese, William R. Hogan, Daniel Malone, Yifan Ning, Tim Clark, and Richard D. Boyce. “Formalizing knowledge and evidence about potential drug-drug interactions”. *International Workshop on Biomedical Data Mining, Modeling, and Semantic Integration (BDM2I 2015)* at the 13th International Semantic Web Conference (ISWC 2015) Bethlehem, Pennsylvania, October 11
- 2014 **Jodi Schneider**, Paolo Ciccarese, Tim Clark and Richard D. Boyce. “Using the Micropublications ontology and the Open Annotation Data Model to represent evidence within a drug-drug interaction knowledge base”. *4th Workshop on Linked Science 2014—Making Sense Out of Data (LISC2014)* at the 13th International Semantic Web Conference (ISWC 2014) Riva de Garda, Italy, October 19
- 2014 Mathias Brochhausen, **Jodi Schneider**, Daniel Malone, Philip E. Empey, William R. Hogan and Richard D. Boyce “Towards a foundational representation of potential drug-drug interaction knowledge.” First International Workshop on Drug *Interaction Knowledge Representation (DIKR-2014)* at the 5th International Conference on Biomedical Ontologies (ICBO 2014) Houston, Texas, October 6
- 2014 **Jodi Schneider**, Serena Villata, Elena Cabrio, “Why did they post that argument? Communicative intentions of Web 2.0 arguments”. *Arguing on the Web 2.0* at the 8th ISSA Conference on Argumentation, Amsterdam, The Netherlands, June 30–July 1
- 2014 **Jodi Schneider**, “Automated argumentation mining to the rescue: Envisioning argumentation and decision-making support for debates in open online collaboration communities”. *First Workshop on Argumentation Mining* at the 52nd Annual Meeting of the Association for Computational Linguistics (ACL 2014), Baltimore, Maryland, June 26
- 2012 Anita de Waard & **Jodi Schneider**, “Formalising Uncertainty: An Ontology of Reasoning, Certainty and Attribution (ORCA)”. *Joint Workshop on Semantic Technologies Applied to Biomedical Informatics and Individualized Medicine (SATBI+SWIM 2012)* at the 11th International Semantic Web Conference (ISWC 2012), Boston, Massachusetts, November 12

- 2012 **Jodi Schneider** & Adam Wyner, “Identifying Consumers’ Arguments in Text”. *SWAIE 2012: Semantic Web and Information Extraction at the 18th International Conference on Knowledge Engineering and Knowledge Management (EKAW 2012)*. Galway, Ireland, October 9
- 2012 **Jodi Schneider** & Alexandre Passant, “Envisioning a Discussion Dashboard for Collective Intelligence of Web Conversations”. *Collective Intelligence as Community Discourse and Action* at Computer Supported Cooperative Work (CSCW2012). Seattle, Washington, February 11
- 2010 **Jodi Schneider**, Alexandre Passant, John G. Breslin, “Enhancing MediaWiki Talk pages with Semantics for Better Coordination - A Proposal”. *The Fifth Workshop on Semantic Wikis: Linking Data and People Workshop (SemWiki)* at the Seventh Extended Semantic Web Conference (ESWC 2010), Crete, Greece, May 31

Posters and Demos

- 2017 Janina Sarol, Linh Hoang, Xiaoru Dong, Manting Huang, Linxi Liu, Novejot Sandhu, Tianying Zhou, and **Jodi Schneider** “Towards Understanding Knowledge Claims from Scholarly Literature”. Research Showcase, School of Information Sciences, University of Illinois at Urbana-Champaign, Champaign, Illinois, November
- 2017 Linh Hoang, Linh Cao, Yingjun Guan, Yi-Yun Cheng, **Jodi Schneider**. “Towards automatic data extraction from clinical research reports: a case study of a systematic review of oral pain relief”. Research Showcase, School of Information Sciences, University of Illinois at Urbana-Champaign, Champaign, Illinois, November
- 2017 Nikola Milošević, Anay Gupta, Austin Chen, Steven T. DeMarco, Joshua Le, **Jodi Schneider**, Yifan Ning, Goran Nenadić, Richard D. Boyce, “Extraction of Drug-Drug Interactions from Drug Product Labeling Tables”, 2017 Joint Summits on Translational Science, San Francisco, CA, March
- 2016 Linh Hoang, Tanja Bekhuis, **Jodi Schneider**. “Towards automatic data extraction from clinical research reports: a case study of a systematic review of oral pain relief”. Research Showcase, School of Information Sciences, University of Illinois at Urbana-Champaign, Champaign, Illinois, October
- 2016 **Jodi Schneider** and Richard D. Boyce. “Acquiring and representing drug-drug interaction knowledge and evidence”. Research Showcase, School of Information Sciences, University of Illinois at Urbana-Champaign, Champaign, Illinois, October

- 2016 Mathias Brochhausen, Philip E. Empey, **Jodi Schneider**, William R. Hogan, and Richard D. Boyce. "Adding evidence type representation to DIDEO". Joint International Conference on Biological Ontology and BioCreative, Corvallis, Oregon, August
- 2016 **Jodi Schneider** and Richard D. Boyce. "Acquiring and representing drug-drug interaction knowledge and evidence". National Library of Medicine Informatics Training Conference, Ohio State University, Columbus, Ohio, June
- 2016 **Jodi Schneider** and Tanja Bekhuis. "Tracking evidentiary claims in a systematic review: a proposed case study of oral pain relief". National Institute of Dental and Craniofacial Research Trainee Research Presentations, co-located with the American Association for Dental Research annual conference, Los Angeles, California, March
- 2012 **Jodi Schneider** & Krystian Samp, "Alternative Interfaces for Deletion Discussions in Wikipedia: Some Proposals Using Decision Factors [Demo]". *Proceedings of the 8th International Symposium on Wikis and Open Collaboration (WikiSym2012)*. Linz, Austria, August
- 2011 **Jodi Schneider** & Alexandre Passant. "Arguments about Deletion: Guiding New Users in Making Good Arguments". *Proceedings of the ACM Web Science Conference (WebSci 2011)*. Koblenz, Germany, June
- 2010 **Jodi Schneider**, Alexandre Passant, John G. Breslin, "A Content Analysis: How Wikipedia Talk Pages Are Used". *Proceedings of the Web Science Conference (WebSci 2010)*. Raleigh, North Carolina, April

Doctoral Consortium

- 2012 **Jodi Schneider**, "Building a Standpoints Web to Support Decision-Making in Wikipedia". *Doctoral Colloquium, 2012 ACM Conference on Computer Supported Cooperative Work (CSCW 2012)*. Seattle, Washington, February 11-12

Other Publications

- 2016 **Jodi Schneider** and Richard Boyce. "Medication safety as a use case for argumentation mining". In Natural Language Argumentation: Mining, Processing, and Reasoning over Textual Arguments (Dagstuhl Seminar 16161). Dagstuhl, Germany, April 19 <http://dx.doi.org/10.4230/DagRep.6.4.80>
- 2014 Krystian Samp, Cedric Beuzit and **Jodi Schneider**. "Unifying the Shift and Narrow Strategies in Focus+Context Exploratory Search". *Special Interest Group on Design of Communication (SigDOC)*. Colorado Springs, Colorado, September 27-28

- 2011 Thomas Baker, Emmanuelle Bermès, Karen Coyle, Gordon Dunsire, Antoine Isaac, Peter Murray, Michael Panzer, **Jodi Schneider**, Ross Singer, Ed Summers, William Waites, Jeff Young, Marcia Zeng, “W3C Library Linked Data Incubator Group Final Report”, October 25
- 2011 **Jodi Schneider**, “Beyond the PDF”. At the Event. *Ariadne* Issue 66
- 2011 Alison Callahan & **Jodi Schneider**, “Report on the 1st Workshop on Semantic Web Technologies for Libraries and Readers”. In Brief section, *D-Lib Magazine*. July/August
- 2009 Nathan Yau & **Jodi Schneider**, “Self-Surveillance”. June/July 2009. *Bulletin of the American Society for Information Science and Technology*, 35(5), 24-30.

GRANTS

Subawards

- 2017–2020 “Text Mining Pipeline to Accelerate Systematic Reviews in Evidence-based Medicine”. NIH R01, PIs Neil Smalheiser & Aaron Cohen. Subaward \$228,006.

Awarded as PI

- 2017–2018 “Using semantic networks to generate novel hypotheses in biomedicine”. XSEDE CDA170001 with Co-PIs Halil Kilicoglu & Thomas Rindflesch. Awarded Resources: PSC Regular Memory (Bridges): 50,000.0 SUs; PSC Storage (Bridges Pylon): 50.0 GB; and Extended Collaborative Support. XSEDE estimates the value of these awarded resources as \$2,058.40.

FELLOWSHIPS

- 2015–2016 Postdoctoral Fellowship, National Library of Medicine and National Institute of Craniofacial Research Biomedical Informatics Research Training Programs
- 2013–2015 Marie Curie Fellow, ERCIM Alain Bensoussan Career Development Enhancer
- 2013 Short-term Academic Visit. SINTELNET, for visit to INRIA Sophia Antipolis in November–December
- 2012 A. R. Zipf Fellowship from the Council on Library and Information Resources
- 2012 Short Term Travel Funding Supplement. Science Foundation Ireland, for visit to University of Liverpool in June–August

2012 Short Term Scientific Mission. COST Action on Agreement Technologies, for visit to University of Liverpool in January–February

HONORS

2017 Invited Participant, third annual workshop of the International Collaboration for the Automation of Systematic Reviews (ICASR), the EPPI-Centre, University College London, October 17–18, 2017

2017 Invited Participant, WikiCite, Vienna, Austria, May 23–25, 2017

2017 Invited Participant, National Institute of Informatics (NII), Japan, Shonan Meeting, “Towards Engineering Free/Libre Open Source Software (FLOSS) Ecosystems for Impact and Sustainability”, June 26–29, 2017

2016 Invited Participant, Dagstuhl Seminar 16161: Natural Language Argumentation: Mining, Processing, and Reasoning over Textual Arguments, Dagstuhl, Germany, April 17–22, 2016

ACADEMIC AWARDS

2011 Beta Phi Mu Honor Society inductee, Alpha Chapter

2009 Jane B. and Robert B. Downs Professional Promise Award, Graduate School of Library & Information Sciences at University of Illinois, Urbana-Champaign

2008 Best Paper Award from New England Chapter of the American Society for Information Science and Technology

PRESENTATIONS

Invited Talks

2017 Viewing universities as landscapes of scholarship, 8th Annual VIVO Conference, New York, New York, August 4 [Keynote]

2017 An Informatics Perspective on Argumentation Mining, Communication Science Laboratory (Inui-Okazaki Lab), Tohoku University, Sendai, Japan, July 3

2017 How can the Semantic Web help us better manage scientific evidence? Principles of Informatics Research Division, National Institute of Informatics, Tokyo, Japan, June 30

- 2017 Citation practices and the construction of scientific fact. European Conference on Argumentation preconference: status, relevance, and authority of facts, Fribourg, Switzerland, June 19
- 2017 What WikiCite can learn from biomedical citation networks, WikiCite, Vienna, Austria, May 22
- 2016 “Acquiring and representing drug-drug interaction knowledge and evidence”. Fachgruppe Informatik - Knowledge-based Systems Group, RWTH Aachen, Aachen, Germany, April 25
- 2016 “Acquiring and representing drug-drug interaction knowledge and evidence”. eResearch Round Table, University of Illinois at Urbana-Champaign, IL, April 6
- 2016 “Acquiring and representing drug-drug interaction knowledge and evidence”. Litman Lab, University of Pittsburgh, PA, March 29
- 2015 “Persons, documents, models: organising and structuring information for the Web”. National University of Galway Moore Institute for Humanities, Galway, Ireland, June 23
- 2015 “Synthesizing knowledge from disagreement”. University of Manchester Information Management group, Manchester, UK, May 6
- 2015 “Synthesizing knowledge from disagreement”. CWI Information Access research group, Amsterdam, Netherlands, April 23
- 2015 “Packaging ideas: nanopublications in the humanities”. Europeana, The Hague, Netherlands, April 21
- 2015 “How communities curate knowledge & How ontologists can help”. EURECOM Multimedia Group, Sophia Antipolis, France, January 19
- 2014 “Supporting collaborative online arguing”. Frontiers and Connections between Argumentation Theory and Natural Language Processing, Centro Residenziale Universitario di Bertinoro, Bertinoro, Italy, July 24
- 2014 “An informatics perspective on argumentation mining”. SICSA Workshop on Argument Mining: Perspectives from Information Extraction, Information Retrieval and Computational Linguistics, Dundee, Scotland, July 9
- 2013 “Argumentative discussions on the Web”. Towards a Virtual Institute for the Measurement, Evaluation, and Management of Open Online Communities, February 6

- 2012 “Making sense out of disagreement”. University of Limerick Interaction Design Centre, Limerick, Ireland, April 18
- 2011 “Building a Standpoints Web & experiments with Library Linked Data”. VU Web & AI seminar series, Amsterdam, The Netherlands, November 28
- 2011 “Constructing knowledge through argument: Wikipedia and World Wide Argument Web”. Information Sciences Institute, University of Southern California, Marina del Rey, California, January 18

Presentations at Conferences without Proceedings

- 2017 “Rhetorical moves and audience considerations in the discussion sections of Randomized Controlled Trials of health interventions” [Conference Panel Presentation]. With Graciela Rosemblat, Shabnam Tafreshi and Halil Kilicoglu, 2nd European Conference on Argumentation: Argumentation and Inference, Fribourg, Switzerland, June 22
- 2014 “Modeling Arguments in Scientific Papers to Support Pharmacists”. With Carol Collins, Lisa Hines, John R Horn, and Richard Boyce. 12th Argumentation, Dialogue, Persuasion conference (ArgDiaP). Warsaw, Poland, May 24
- 2012 “Envisioning Social Applications of Library Linked Data”. With Uldis Bojārs (presenter). European Library Automation Group (ELAG), Palma, Spain, May 16
- 2012 “Identifying Arguments for Evaluation using an Argument Explorer”. With Adam Wyner, Katie Atkinson, and Trevor Bench-Capon. London Argumentation Forum. London, UK, April 20
- 2012 “Dynamic Enhancement of Drug Product Labels Through Semantic Web Technologies”. With Richard D. Boyce (presenter), Michael Taylor, Maria Liakata, and Anita De Waard. Conference on Semantics in Healthcare and Life Sciences (CSHALS 2012). Boston, MA, February 24
- 2011 “Supporting Reading”. Beyond the PDF. San Diego, CA, January 20
- 2010 “Dynamics of Wikipedia Talk pages”. WikiMania 2010, Gdańsk, Poland, July 9
- 2009 “What We Talk About When We Talk About FRBR”. Presented with William Denton. Code4Lib 2009, Providence, RI, February 25
- 2008 “Authors, Authority and the Shift from Script to Print”. Questioning Authority, Ann Arbor, MI, March 28
- 2008 “The Code4Lib Journal”. With Jonathan Brinley and Edward M. Corrado. Code4Lib 2008, Portland, OR, February 26

Panel Member

- 2014 “ALA: International Developments in Library Linked Data: Think Globally, Act Globally”. Panel at American Library Association with Richard Wallis and Neil Wilson. Las Vegas, Nevada, June 28
- 2010 “The State of Wikimedia Scholarship 2009–2010: WikiSym and Beyond”. Panel at WikiMania 2010 with Benjamin Mako Hill (chair and organizer) and Felipe Ortega. WikiMania 2010, Gdańsk, Poland, July 11
- 2010 “Academic Researchers in Wikimedia Communities: Ethics, Methods, and Policies”. Panel at WikiMania 2010 with R. Stuart Geiger (chair and organizer), Andrea Forte, Cormac Lawler and Andrew Lih. WikiMania 2010, Gdańsk, Poland, July 11

TEACHING EXPERIENCE

School of Information Sciences, University of Illinois at Urbana-Champaign

Information Organization & Access, 4 credit semester course, (LIS 501 Fall 2016 & Spring 2017; IS 501 Fall 2017 & Spring 2018)

Information Modeling, 4 credit semester course, (LIS 561 Spring 2017; IS561 Fall 2017 & Spring 2018)

Graduate School of Library & Information Science, University of Illinois at Urbana-Champaign

Computer Science with Python (Teaching Assistant, Fall 2007, Spring 2008)

Center for Talented Youth, South Hadley, MA

History of Math (Instructor, Summer 2001, Summer 2002)

Department of Mathematics, University of Texas at Austin

Precalculus (Instructor, Fall 2001, Spring 2002)

Emerging Scholars Program Calculus Workshop (Instructor, Fall 2000)

Differential Equations (Teaching Assistant, Spring 2001)

Engineering Calculus II (Teaching Assistant, Spring 2000)

Engineering Calculus I & Supplemental Study-Skills Instruction (Teaching Assistant, Fall 1999)

Engineering Calculus I (Teaching Assistant, Spring 1999)

Business Calculus I (Teaching Assistant, Fall 1998)

GUEST LECTURES

School of Information Sciences, University of Illinois at Urbana-Champaign

LEEP Welcome Weekend. Guest lecture: Organizing Evidence: Drug Interactions, September 25, 2016

LIS 590TR, Information Transfer and Collaboration in Science. (Peter Darch), Guest lecture: Issues in the Transfer of Science into Practice, November 10, 2016

MSIM seminar, (Kirstin Phelps/Michael Twidale), Guest lecture: Dangerous Data: The role of data collection in genocides" April 3, 2017

LIS 502, Libraries, Information and Society, (Kate Williams), Guest lecture: Making Sense of Research Literature: Can we improve Systematic Reviewing methodologies?, April 20, 2017

IS590AT: Issues in Scholarly Communication (Instructor: Maria Bonn). Guest panelist: Panel: What's at stake in scholarly communication? Disciplines and disciplinary culture. January 23, 2018

IS590 GLO: Local, Regional, and Global Information Sciences (Instructor: Steve DeWitt). Guest lecture: Data in a Global Context. April 5, 2018

School of Medicine, Department of Biomedical Informatics, University of Pittsburgh

BIOINF 2134: Publication & Presentation in Biomedical Informatics. Guest lecture: Future of Scholarly Communication, 3 hours, November 5, 2015

BIOINF 2120: Symbolic Methods in Artificial Intelligence. Guest Lecture: Information Retrieval I, 1.5 hours, November 10, 2015

BIOINF 2120: Symbolic Methods in Artificial Intelligence. Guest Lecture: Information Retrieval II, 1.5 hours, November 12, 2015

BIOINF 2134: Publication & Presentation in Biomedical Informatics. Guest lecture: Future of Scholarly Communication, 3 hours, November 12, 2015

STUDENT SUPERVISION

Research Assistant Supervision

2016– Linh Hoang, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign

2017– Janina Sarol, Certificate of Advanced Study Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign

PhD Thesis Committee Member

2016– Linh Hoang, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign

2016– Aseel Addawood (advisor Jana Diesner), PhD Candidate, Illinois Informatics Institute, University of Illinois Urbana-Champaign, 2016–

- 2016– Jinlong ‘Kenney’ Guo (advisor Catherine Blake), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2017– Yi-Yun ‘Jessica’ Cheng <yiyunyc2@illinois.edu> (advisor Bertram Ludäscher), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign

PhD Thesis Hours Supervision

- 2017 Jinlong ‘Kenney’ Guo (advisor Catherine Blake), Spring

Independent Study Supervision

- 2017 Xiaoru Dong, INFO 499, 3 credits, Fall
- 2017 Manting Huang, INFO 499, 3 credits, Fall
- 2017 Tianying Zhou, INFO 499, 3 credits, Fall
- 2017 Novejot Sandhu, INFO 499, 1 credit, Fall
- 2018 Novejot Sandhu, INFO 499, 1 credit, Spring
- 2018 Xiaoru Dong, INFO 499, 3 credits, Fall
- 2018 Linh Hoang in LIS592, 3 credits, Summer 2018; 4 credits, Fall 2018; 4 credits, Spring 2018.

Practicum Supervision

- 2018 Vasu Chaudhary, Facebook (Data Engineer, Analytics Department), Summer
- 2018 Ran Li, Illinois Leadership Institute, Spring
- 2017 Kay Grisby, Spurlock Museum, Summer

STUDENT EXAMINATION

External Referee, PhD Theses

- 2016 Angela Di Iorio (advisor Marco Schaerf), PhD Program in Ingegneria Informatica [Computer Science Engineering], at the Dipartimento di Ingegneria Informatica, Automatica e Gestionale [Department of Computer Science Engineering, Automation and Management] of the University of Rome "La Sapienza", Rome, Italy

Preliminary Examination, PhD

- 2018 Jinlong ‘Kenney’ Guo (advisor Catherine Blake), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2018 Aseel Addawood (advisor Jana Diesner), PhD Candidate, Illinois Informatics Institute, University of Illinois Urbana-Champaign.

Field Examination, PhD

- 2018 Linh Hoang, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2017 Ruohua Han (advisor Lori Kendall), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.

OUTREACH & PROFESSIONAL CONTINUING EDUCATION

Full-Day Tutorial

- 2014 Practical Linked Data with Open Source, at American Library Association. With Galen Charlton, Dan Scott, and Richard Urban. Las Vegas, Nevada (June 27)

Half-Day Tutorials

- 2013 Linked Data for Digital Libraries, at 17th International Conference on Theory and Practice of Digital Libraries. With Uldis Bojārs and Nuno Lopes. Valletta, Malta (September 22)
- 2012 Linked Data in the Digital Humanities, at Realising the Opportunities of Digital Humanities, With Michael Hausenblas, Nuno Lopes, and Stefan Decker. Dublin, Ireland (October 25)

SELECTED SERVICE

Founding Editor

- 2017– *Data Science: Methods, Infrastructure, and Applications* (IOS Press)
- 2014– *Journal of Open Humanities Data* (Ubiquity Press)
- 2007–2010 *The Code4Lib Journal*

Grant Review Panels

- 2016 Evaluation of Fellowship Proposals for the European Commission Research Executive Agency under Horizon2020 Marie Skłodowska-Curie Actions H2020-MSCA-IF-2016, Engineering Panel. Reviewer of 9 proposals, consensus reports for 5 proposals.

Program Committee Memberships

Conferences

- 2019 Associate Chair, Understanding People Subcommittee of CHI 2019

- 2018 North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT)
- 2017 International Semantic Web Conference - Resources Track (ISWC)
- 2017 SEMANTiCS, Research & InnovationTrack
- 2017 Association for Computing Machinery's Special Interest Group on Design of Communication (SIGDOC)
- 2016 International Conference on Knowledge Engineering and Knowledge Management (EKAW), Research track & Ph.D. symposium
- 2016 International Conference on Computational Linguistics (COLING) – Sentiment Analysis, Computational Argumentation areas
- 2016 International Conference on Computational Models of Argument (COMMA)
- 2015 International Semantic Web Conference – Empirical Studies and Experiments track (ISWC)
- 2014, 2017 ACM Special Interest Group on Design of Communication (SIGDOC)
- 2014– Legal Knowledge and Information Systems Conference (JURIX)
- 2013– ACM International Symposium on Open Collaboration – Wikipedia track (OpenSym, previously WikiSym)
- 2012, 2016– Extended Semantic Web Conference (ESWC)
- 2012 World Wide Web – demo track (WWW)
- 2011– International Conference on Dublin Core and Metadata Applications (DCMI)
- 2010, 2011 Code4Lib2011 and Code4Lib2010

Workshops & Events

- 2018 Semantic Web Solutions for Large-scale Biomedical Data Analytics SeWeBMeDA-18 at ESWC 2018
- 2017 The 11th International Conference on Language Resources and Evaluation (LREC)
- 2017 The Debugging and Evaluation Workshop (DEW) at Joint Ontology Workshops (JOWO) 2017
- 2017 The 4th WWW Workshop on Big Scholarly Data: Towards the Web of Scholars (BigScholar 2017) at the 26th International World Wide Web Conference
- 2016 Linked Data for Information Extraction (LD4IE) at ISWC 2016
- 2016 Linked Science workshop at ISWC 2016
- 2016 Methods for Establishing Trust of Open Data (METHOD) workshop at ISWC 2016
- 2016 Semantic Publishing Challenge 2016 on Assessing the Quality of Scientific Output in its Ecosystem at ESWC 2016
- 2016 2nd International Workshop on Computational History and Data-Driven Humanities, an IFIP Joint Event supported by the IFIP Working Group 12.7 on Social Semantics and Collective Intelligence
- 2015 ISWC 2015 (Empirical Studies and Experiments track)
- 2015– Workshop on Argument Mining at NAACL HLT 2015, ACL 2016, EMNLP 2017
- 2015– Semantics, Analytics, Visualisation: Enhancing Scholarly Data (SAVE-SD) at WWW2015, WWW2016, WWW2017
- 2014 11th OWL: Experiences and Directions Workshop (OWLED) at ISWC2014

- 2013– IFLA World Library and Information Congress Semantic Web Special Interest Group events on Library Linked Data
- 2012 Wikipedia Academy: Research and Free Knowledge
- 2011–2014 SePublica at ESWC 2011, SePublica at ESWC 2012, SePublica at ESWC 2013, and SePublica at ESWC 2014
- 2011 International Workshop on Visual Interfaces to the Social and Semantic Web (VISSW 2011), collocated with IUI 2011

Standardization Work

- 2014–2017 Education Committee, National Information Standards Organization, USA
- 2010–2012 W3C Health Care and Life Sciences Interest Group, Scientific Discourse
- 2010–2011 W3C Library Linked Data Incubator Group

Organizing Committees

- 2016 Toward a Diagnosis Driven Profession 2016, co-located with the American Association for Dental Research meeting, Los Angeles, CA
- 2015 Linked Open Data in Libraries, Archives and Museums summit, Sydney, Australia
- 2014 Linked Data in Libraries: Let's make it happen! International Federation of Library Associations and Institutions satellite meeting, Paris, France
- 2012 Realising the Opportunities of Digital Humanities, Dublin, Ireland
- 2011 1st Workshop on Semantic Web Technologies for Libraries and Readers, at the ACM/IEEE Joint Conference on Digital Libraries, Ottawa, Ontario, Canada

Advisory Boards

- 2014– A Virtual Institute to Prototype Open Collaboration Data Factories, NSF SAVI
- 2014– Automated Notability Detection, Wikipedia Individual Engagement Grant
- 2014– Addressing gaps in clinically useful evidence on drug-drug interactions, NIH R01

Other Committees

- 2012 ASIS&T Best Information Science Book Award Jury
- 2008–2012 Code4Lib Conference Scholarship Committee

Referee, Book Proposals

- 2014 Manning Publications

Referee, Journals

- 2018 *Research Synthesis Methods*
- 2017 *Briefings in Bioinformatics*
- 2017 *Journal of Data Science*

2016 *Transactions on Internet Technology* (ACM)
 2016 *International Journal of Human-Computer Studies* (Elsevier)
 2015 *Cataloging & Classification Quarterly* (Taylor & Francis)
 2015 *Methods of Information in Medicine* (Schattauer Publishers, Stuttgart)
 2015 *Argument & Computation* (Taylor & Francis)
 2014 *Computer Methods and Programs in Biomedicine* (Elsevier)
 2014 *Literary and Linguistic Computing* (Oxford)
 2013 *Journal of Biomedical Semantics* (BioMed Central)
 2013, 2016 *Journal of the American Society for Information Science and Technology* (Wiley)
 2013 *The Computer Journal* (Oxford)
 2013 *IEEE Internet Computing*
 2012 *CSCW* (Springer)
 2012 *The Journal of Electronic Publishing* (University of Michigan Library)
 2011 *IEEE Intelligent Systems*
 2011 *Information Systems* (Elsevier)
 2011 *Social Network Analysis and Mining* (Springer)

Referee, Conferences

2017 American Medical Informatics Association Informatics Summit
 2016 American Medical Informatics Association Joint Summits on Translational Science
 2016– American Medical Informatics Association Annual Meeting
 2014– ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)
 2014– The Annual Meeting of the Association for Information Science and Technology (ASIS&T)
 2013– International AAAI Conference on Weblogs and Social Media (ICWSM)
 2012– Hawaii International Conference on System Sciences (HICSS)
 2012 ACM Conference on WebScience (WebSci)
 2012 Internet Research (AoIR)
 2011– ACM Conference on Human Factors in Computing Systems (CHI)

Referee, Challenge Tasks

2016 ESWC Semantic Publishing Challenge 2016: Assessing the Quality of Scientific Output in its Ecosystem

School of Information Sciences, University of Illinois at Urbana Champaign

2016-7 Admissions Committee
 2017-8 Doctoral Studies Committee

Languages: English (native), French (advanced), Spanish (basic comprehension)