

JODI SCHNEIDER

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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, 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

- Aug 2016– Assistant Professor, School of Information Sciences, University of Illinois at
Urbana-Champaign, Champaign, IL

Internal Affiliations:

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

Assistant Professor (0%), Center for Health Informatics (a World Health
Organization / Pan-American Health Organization Collaborating Center on
Information Systems for Health), since August 2017

External Affiliations:

- Clinical Assistant Professor, Department of Psychiatry, University of Illinois Chicago School of Medicine, Chicago, IL (0%), since February 2018
- 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 Monograph

2018 Manfred Stede and **Jodi Schneider**. *Argumentation mining*. Edited by Graeme Hirst. Synthesis Lectures on Human Language Technologies (Williston, VT: Morgan & Claypool Publishers) doi:10.2200/S00883ED1V01Y201811HLT040

Refereed Journal Articles

2020 **Jodi Schneider**, Di Ye, Alison M. Hill, Ashley S. Whitehorn. “Continued post-retraction citation of a fraudulent clinical trial report, eleven years after it was retracted for falsifying data.” *Scientometrics*. In Press

2020 Liliana Giusti Serra, **Jodi Schneider**, José Eduardo Santarém Segundo. “Describing person identifiers on MARC 21 records in a semantic environment.” *Cataloging & Classification Quarterly*. 58(5):505-519. doi:10.1080/01639374.2020.1771499

2019 Halil Kilicoglu, Zeshan Peng Shabnam Tafreshi, Tung Tran, Graciela Rosembat, and **Jodi Schneider**. “Confirm or refute?: A comparative study on citation sentiment classification in clinical research publications.” *Journal of Biomedical Informatics* 91:103123. doi:10.1016/j.jbi.2019.103123

2019 Amy J. Grizzle, John Horn, Carol Collins, **Jodi Schneider**, Daniel C. Malone, Britney Stottlemeyer, and Richard D. Boyce. “Identifying common methods used by drug interaction experts for finding evidence about potential drug-drug interactions: Web-based surveys.” *Journal of Medical Internet Research* 21(1):e11182. doi:10.2196/11182

2018 **Jodi Schneider** and Sally Jackson. “Modeling the invention of a new inference rule: The case of ‘randomized clinical trial’ as an argument scheme for medical science.” *Argument & Computation* 9(2): 77-89. doi:10.3233/AAC-180036

2018 Sally Jackson and **Jodi Schneider**. “Cochrane review as a ‘warranting device’ for reasoning about health.” *Argumentation* 32(2): 241-272. doi:10.1007/s10503-017-9440-z

2017 Andrea Thomer, Yi-Yun Cheng, **Jodi Schneider**, Michael Twidale, Bertram, and Ludäscher. “Towards alignment of natural history museum database schemas using a logic-based reasoning tool.” *Knowledge Organization* 44(7): 545-558. doi:10.5771/0943-7444-2017-7-545

2017 Thomas Rindfleisch, Catherine Blake, Marcelo Fiszman, Halil Kilicoglu, Graciela Rosembat, **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, and Maria Liakata. “Dynamic enhancement of drug product labels to support drug safety, efficacy,

and effectiveness.” *Journal of Biomedical Semantics* 4: Article Number 5.
doi:10.1186/2041-1480-4-5

- 2013 **Jodi Schneider**, Tudor Groza, and 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.
- 1998 Furstenberg, Ji Li, and **Jodi Schneider**. Stick knots. *Chaos, Solitons and Fractals*. 9(4-5): 561–568. April-May 1998. doi:10.1016/S0960-0779(97)00093-3

Refereed Conference Publications in Proceedings

- 2020 Tzu-Kun Hsiao, Yuanxi Fu, and **Jodi Schneider**. “Visualizing evidence-based disagreement over time: The landscape of a public health controversy 2002-2014.” *Proceedings of the 83rd Annual Meeting of the Association for Information Science and Technology*, Virtual, October.
- 2020 Yuanxi Fu and **Jodi Schneider**. “Towards knowledge maintenance in scholarly digital libraries with the keystone framework.” *Proceedings of the ACM/IEEE Joint Conference on Digital Libraries (JCDL)*, Virtual, August.
doi:10.1145/3383583.3398514
- 2019 **Jodi Schneider** and Sally Jackson. “Beyond randomized clinical trials: emerging innovations in reasoning about health.” *Proceedings of the 2019 European Conference on Argumentation: Reason to Dissent*, Groningen, Netherlands, June.
- 2019 Ly Dinh, M. Janina Sarol, Yi-Yun Cheng, Tzu-Kun Hsiao, Nikolaus Parulian, and **Jodi Schneider**. “Systematic examination of pre- and post-retraction citations.” *Proceedings of the 82nd Annual Meeting of the Association for Information Science and Technology*, Sydney, Australia, October.
- 2019 Yi-Yun Cheng, Nikolaus Parulian, Tzu-Kun Hsiao, Ly Dinh, Janina Sarol, and **Jodi Schneider**. “ReTracker: Actively and automatically matching retraction metadata in Zotero.” *Proceedings of the 82nd Annual Meeting of the Association for Information Science and Technology*, Sydney, Australia, October.
- 2018 **Jodi Schneider** and Sally Jackson. “Innovations in reasoning about health: The case of the randomized clinical trial.” *Proceedings of 9th International Conference on Argumentation, International Society for the Study of Argumentation*, Amsterdam, Netherlands, July.
- 2018 Linh Hoang and **Jodi Schneider**. “Opportunities for computer support for systematic reviewing: A gap analysis.” In: Chowdhury, G., McLeod, J., Gillet, V., and Willett, P. (Eds.). *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, and Bertram Ludäscher. “Agreeing to disagree: Reconciling conflicting taxonomic views using a logic-based approach.” *Proceedings of the Association for Information Science and Technology*, Crystal City, Virginia, October.
- 2017 Joseph Utecht, Mathias Brochhausen, John Judkins, **Jodi Schneider**, and 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**, and 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, and 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, and 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** and 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, and 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, and 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, and 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, and 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, and 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**, and 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

- 2019 Floriana Grasso, Nancy Green, **Jodi Schneider**, and Simon Wells, eds. “CMNA 2019 computational models of natural argument.” *Proceedings of the 19th Workshop on Computational Models of Natural Argument co-located with the 14th International Conference on Persuasive Technology (PERSUASIVE 2019)*, Limassol, Cyprus, April. <http://ceur-ws.org/Vol-2346/>
- 2013 **Jodi Schneider** and Alison Callahan, eds. *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

- 2017 Aseel Addawood, Rezvaneh Rezapour, Shubhanshu Mishra, **Jodi Schneider**, and Jana Diesner. Developing an Information Source Lexicon. *Workshop on Prioritising Online Content at Conference on Neural Information Processing Systems (NIPS)*. Long Beach, CA, October
- 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.

- 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.
- 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.
- 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.
- 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.
- 2014 **Jodi Schneider**, Serena Villata, and 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.
- 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.
- 2012 Anita de Waard and **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.
- 2012 **Jodi Schneider** and 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.

- 2012 **Jodi Schneider** and 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.
- 2010 **Jodi Schneider**, Alexandre Passant, and 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.

Posters and Demos in National and International Conferences with Proceedings

- 2019 Linh Hoang, Richard D. Boyce, Nigel Bosch, Mathias Brochhausen, Joseph Utecht and **Jodi Schneider**. “Automatically classifying study designs of biomedical literature relevant for inclusion in the Drug Interactions Knowledge Base”. Scientific Literature Knowledge Bases at Automated Knowledge Base Construction (AKBC). University of Massachusetts, Amherst, MA, USA, May.
- 2019 Linh Hoang, Richard D. Boyce, Mathias Brochhausen, Joseph Utecht, and **Jodi Schneider**. “A proposal for determining the evidence types of biomedical documents using a drug-drug interaction ontology and machine learning.” AAAI 2019 Spring Symposium on Combining Machine Learning with Knowledge Engineering (AAAI-MAKE 2019). Stanford University, Palo Alto, California, March.
- 2017 Nikola Milošević, Anay Gupta, Austin Chen, Steven T. DeMarco, Joshua Le, **Jodi Schneider**, Yifan Ning, Goran Nenadić, and Richard D. Boyce. “Extraction of Drug-Drug Interactions from Drug Product Labeling Tables.” 2017 Joint Summits on Translational Science, San Francisco, California, March.
- 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.
- 2012 **Jodi Schneider** and 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** and 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, and John G. Breslin. “A content analysis: How Wikipedia talk pages are used.” *Proceedings of the Web Science Conference (WebSci 2010)*. Raleigh, North Carolina, April.

Posters and Demos in National and International Conferences without Proceedings

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.

Selected Local Posters and Demos

2018 Yogeshwar Kansara, Linh Hoang, and **Jodi Schneider**. “Comparing articles identified as Randomized Controlled Trials: MEDLINE, Cochrane, and the RCT Tagger.” Research Showcase, School of Information Sciences, University of Illinois at Urbana-Champaign, Champaign, Illinois, October.

2018 Linh Hoang, Richard D. Boyce, and **Jodi Schneider**. “Extracting claim sentences from biomedical documents: A pilot study focusing on drug-drug interaction claims.” Research Showcase, School of Information Sciences, University of Illinois at Urbana-Champaign, Champaign, Illinois, October.

2018 Di Ye and **Jodi Schneider**. “Tracing persistent citations of a retracted clinical trial with faked data.” Research Showcase, School of Information Sciences, University of Illinois at Urbana-Champaign, Champaign, Illinois, October.

2018 Benjamin Weller and **Jodi Schneider**. “Structuring biomedical papers as RDF micropublications.” Research Showcase, School of Information Sciences, University of Illinois at Urbana-Champaign, Champaign, Illinois, October.

2018 Xiaokai Cui and **Jodi Schneider**. “Evaluating ParsCit’s citation context extraction functionality.” Research Showcase, School of Information Sciences, University of Illinois at Urbana-Champaign, Champaign, Illinois, October.

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, and **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.
- 2016 Linh Hoang, Tanja Bekhuis, and **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.

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.

Other Publications

- 2019 Halil Kilicoglu, Graciela Rosemblat, Zeshan Peng, Mario Malicki, Tony Tse, **Jodi Schneider**, and Gerben ter Riet. “Annotating clinical trial publications to assess CONSORT adherence: A feasibility study.” 6th World Conference on Research Integrity, June. Abstract, accepted for oral presentation.
- 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. doi: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. doi:10.1145/2666216.2666228
- 2011 **Jodi Schneider**. “Beyond the PDF.” *Ariadne* issue 66. <http://www.ariadne.ac.uk/issue/66/beyond-pdf-rpt/>
- 2011 Alison Callahan and **Jodi Schneider**. “Report on the 1st workshop on semantic web technologies for libraries and readers.” In Brief section, *D-Lib Magazine*. July/August. <http://dlib.org/dlib/july11/07inbrief.html>

2009 Nathan Yau and **Jodi Schneider**. “Self-Surveillance.” June/July. *Bulletin of the American Society for Information Science and Technology*, 35(5): 24-30.
doi:10.1002/bult.2009.1720350507

GRANTS

Subawards

2017–2020 “Text mining pipeline to accelerate systematic reviews in evidence-based medicine.” NIH R01, PIs Neil Smalheiser and Aaron Cohen. Subaward \$228,006.

Awarded as PI

2020–2021 Jodi Schneider, Alfred P. Sloan Foundation, \$174,981, 17% effort. Reducing the Inadvertent Spread of Retracted Science: Shaping a Research and Implementation Agenda.

2017–2018 “Using semantic networks to generate novel hypotheses in biomedicine”. XSEDE CDA170001 with Co-PIs Halil Kilicoglu and Thomas Rindfleisch. 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 The David F. Linowes Faculty Fellow, Cline Center for Advanced Social Research, University of Illinois at Urbana Champaign

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

- 2021 Invited Participant, NSF STS as a Critical Pedagogy Workshop, at James Madison University in Harrisonburg, VA (postponed to summer 2021)
- 2020–2021 Linowes Fellow, Cline Center for Advanced Social Research, University of Illinois at Urbana Champaign
- 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 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
- 2016 Invited Participant, Dagstuhl Seminar 16161: Natural Language Argumentation: Mining, Processing, and Reasoning over Textual Arguments, Dagstuhl, Germany, April 17–22

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

- 2019 “Argumentation mining.” Swiss Ph.D. School on Language and Cognition
“Linguistic and corpus perspectives on argumentative discourse,” Fribourg, Switzerland, September 2 and 3
- 2019 “Linked Data Webinar 1: Overview and Basics.” CARLI Webinar, Illinois, February 7

- 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 and 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

- 2018 “Trouble at the academy: Problem citations.” CrossRef LIVE18, Toronto, Canada, November 13
- 2018 “Problematic citations: Detecting problematic citation patterns with the Open Citations Corpus.” Workshop on Open Citations, Bologna, Italy, September 3
- 2018 “Modeling Alzheimer’s Disease Research Claims, Evidence, and Arguments from a Biology Research Paper”. With Novejot Sandhu. 9th International Conference on Argumentation, International Society for the Society of Argumentation, Amsterdam, Netherlands, July 5
- 2018 “What WikiCite can learn from biomedical citation networks.” WikiCite, Vienna, Austria, May 22
- 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, NV, 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

W3C PUBLICATIONS

- 2019 Richard D. Boyce, Elizabeth A. Garcia, Harry Hochheiser, Serkan Ayvaz, Ratnesh Sahay, Michel Dumontier (eds). Juan M. Banda, Oya Beyan, Mathias Brochhausen, Evan Draper, Sam Habiell, Oktie Hassanzadeh, Maria Herrero-Zazo, Brian Hocum, John Horn, Xia Jing, Brian LeBaron, Daniel C. Malone,

Gerald McEvoy, Øystein Nytrø, Thomas Reese, Katrina Romagnoli, **Jodi Schneider**, Lorne Walker, and Louisa Louisa (Yu) Zhang (contributors). “A minimum representation of potential drug-drug interaction knowledge and evidence: Technical and user-centered foundation.” W3C Semantic Web in Health Care and Life Sciences Community Group, Final Community Group Report, May 18.

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, and Marcia Zeng. “W3C Library Linked Data Incubator Group final report.” October.

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, Fall 2018, Spring 2019; IS 505 Fall 2020)

Information Modeling, 4 credit semester course, (LIS 561 Spring 2017; IS 561 Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019 [2 sections])

Knowledge Infrastructures: Making and Doing (IS 590 KI), 4 credit semester course, Spring 2020

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 (Instructor: Peter Darch). Guest lecture: “Issues in the transfer of science into practice,” November 10, 2016
- IS ProSeminar (Instructor: Vetle Torvik): Guest lecture: CARS: The Creating a Research Space model, January 18, 2017
- IS ProSeminar (Instructor: Jana Diesner): Panel participant: Faculty introductions and pieces of advice, m (Instructor: , August 30, 2017
- MSIM seminar (Instructors: 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
- IS590 AT: 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 Witt). Guest lecture: “Data in a global context,” April 5, 2018
- CMN 496: Adv Topics in Communication: Argument in Health Controversy (Instructor: Sally Jackson). Guest lecture: “Imperfect science and tools for tracing it,” April 4, 2019

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 & 3 hours, November 12, 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

STUDENT SUPERVISION

PhD Thesis Advisees

- | | |
|-----------|---|
| 2019–2019 | Erik Moser, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign |
| 2017–2019 | Linh Hoang, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign |
| 2018–2019 | Liliana Giusti Serra, PhD, Library Science, 2019, Paulista State University (UNESP), Brazil. Co-supervisor (‘coorientador’) with José Eduardo Santarém Segundo. Hosted in Illinois, October 2018–March 2019. Now Head Librarian at Prima Informática. |

Research Assistant Supervision

- 2020 Nathan Woods, Master's of Library & Information Science Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2020 Randi Proescholdt, Master's of Library & Information Science Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2020 Brandi Smith, PhD Candidate, Informatics, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2019–2020 Yuanxi Fu, Master's of Bioinformatics Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2019–2019 Erik Moser, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2019–2019 Liri Fang, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2016–2019 Linh Hoang, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2017–2018 M. Janina Sarol, Certificate of Advanced Study Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign

PhD Thesis Committee Member

- 2019– Alexander Michels (advisor Shaowen Wang), PhD Candidate, Informatics, University of Illinois at Urbana-Champaign
- 2018– Ruohua Han (advisor Lori Kendall), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2018– Michael Gryk (advisor Bertram Ludäscher), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2017– Yi-Yun “Jessica” Cheng (advisor Bertram Ludäscher), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2016– Linh Hoang, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2016– Jinlong “Kenney” Guo (advisor Catherine Blake), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2016–2018 Addawood, Aseel, PhD, Informatics, 2019, “Understanding Misinformation on Twitter in the Context of Controversial Issues” (member of proposal defense

committee; entire committee changed in October 2018). Now at Al-Imam
Muhammad Ibn Saud Islamic University, Saudi Arabia

PhD Thesis Hours Supervision

2019 Linh Hoang, Spring
2018 Linh Hoang, Fall
2017 Jinlong “Kenney” Guo (advisor Catherine Blake), Spring

Independent Study Supervision – Graduate students

2019 Eileen Lopez, 2 credits, Spring
2019 Yohta Shimizu, 2 credits, Fall
2019 Halle Burns, 4 credits, Spring
2019 Gaozheng Li, 2 credits, Spring
2018 Linh Hoang in LIS592, 3 credits, Summer; 4 credits, Fall, Spring
2018 Ben Weller, 2 credits, Fall
2018 Xiaokai "Victor" Cui, 2 credits, Fall

Independent Study Supervision - Undergraduates

2018 Di Ye, INFO 499, 1 credit, Fall
2018 Jingye Xie, INFO 499, 1 credit, Fall
2018 Xiaoru Dong, INFO 499, 1 credit, Spring; 2 credits, Fall
2018 Novejot Sandhu, INFO 499, 1 credit, Spring
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

Practicum Supervision

2020 Kevin Adams, Polyvinyl Records Company, Spring
2020 Laura Bretthole, Jaroslav Folda Archive, DePaul University, Department of
History of Art and Architecture
2020 Fernanda Schaefer, Polyvinyl Records Company
2020 Taylor Smith, WCIA-TV
2019 Luesoni Johnson, Health Sciences, University of Illinois Library, Fall
2019 Wendi Zhang, Illinois Leadership Center, Fall
2019 Elora Agste, Krannert Art Museum, Fall
2019 Xiuyu “Jennifer” Hong, Bayer Crop Science, Fall
2019 Amber Hopenworth, Academic Health Sciences Libraries Practicum, Library of
the Health Sciences at the University of Illinois at Chicago and Galter Health
Sciences Library of Northwestern University, Summer
2019 Sarah Marie Kimes, Paul V. Galvin Library, Illinois Institute of Technology,
Summer

- 2019 Yohta Shimizu, University of Illinois Press, Spring
- 2019 Erika Weir, Ryerson and Burnham Libraries, Art Institute of Chicago, Spring
- 2019 Brinna Michael, University of Illinois Library, Metadata Maker project, Spring
- 2019 Brian King, Booth Library, Eastern Illinois University, Spring
- 2018 Harsh Mangal, EnterpriseWorks, Fall
- 2018 Savannah (Paige) Crowl, Emory Center for Digital Scholarship, Fall
- 2018 Vasu Chaudhary, Facebook (Data Engineer, Analytics Department), Summer
- 2018 Ran Li, Illinois Leadership Institute, Spring
- 2017 Kay Grisby, Spurlock Museum, Summer

STUDENT EXAMINATIONS

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

- 2019 Michael Gryk (advisor Bertram Ludäscher), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 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)
2014–2019 *Journal of Open Humanities Data* (Ubiquity Press)
2007–2010 *The Code4Lib Journal*

Officers in Professional Societies

- 2018–2019 Chair, ASIS&T Science and Technical Information Special Interest Group

Grant Review Panels

- 2020 Horizon 2020
- 2020 Dutch Research Council (NWO)
- 2019–2020 National Science Foundation
- 2018, 2019 Evaluation of grants for RDA Europe 4.0: The European plug-in to the global Research Data Alliance
- 2018 Evaluation of Fellowship Proposals for Health Research Board Ireland, Applying Research into Policy & Practice Postdoctoral Fellowship. Reviewer of 1 proposal.
- 2016 Evaluation of Fellowship Proposals for the European Commission Research Executive Agency under Horizon 2020 Marie Skłodowska-Curie Actions H2020-MSCA-IF-2016, Engineering Panel. Reviewer of 9 proposals, consensus reports for 5 proposals.

Program Committee Memberships

Conferences

2020 Semantic Web in Libraries Conference (SWIB)
 2017, 2020 The International Conference on Language Resources and Evaluation (LREC)
 2019 Scientific Program Committee, Translational Bioinformatics Track of AMIA Informatics Summit
 2019 Associate Chair, Understanding People Subcommittee of ACM CHI
 2018 North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT)
 2017 International Semantic Web Conference: Resources Track (ISWC)
 2017, 2018 SEMANTiCS, Research & Innovation Track
 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
 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

2020 3rd Workshop on Argument Strength (ArgStrength)
 2020 1st Scientific Knowledge Graph Workshop (SKG) at the International Conference on Theory and Practice of Digital Libraries (TPDL)
 2018 1st International Workshop on Reframing Research at International Conference on Theory and Practice of Digital Libraries (TPDL) 2018
 2018– Fact Extraction and VERification (FEVER) at Empirical Methods in Natural Language Processing (EMNLP)
 2018 First workshop on Reframing Research RefResh2018 at European Symposium Series on Societal Challenges in Computational Social Science EUROCSS 2018
 2018– Semantic Web Solutions for Large-scale Biomedical Data Analytics SeWeBMeDA at ESWC 2018, ISWC 2019 & 2020
 2017 11th International Conference on Language Resources and Evaluation (LREC)
 2017 Debugging and Evaluation Workshop (DEW) at Joint Ontology Workshops (JOWO) 2017
 2017– WWW Workshop on Big Scholarly Data: Towards the Web of Scholars at WWW2017, SIGKDD 2018
 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– Workshop on Argument Mining
- 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
- 2011 International Workshop on Visual Interfaces to the Social and Semantic Web (VISSW 2011), collocated with IUI 2011

Doctoral Consortium

- 2019 Joint Conference on Digital Libraries (JCDL), mentor
- 2016 International Conference on Knowledge Engineering and Knowledge Management (EKAW), referee & pre-conference mentor

Steering Committees

- 2018– Computational Models of Natural Argument series

Standardization Work

- 2019 Library Reserve Corps (COVID-19 related evidence synthesis)
- 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– Collaborative Archive & Data Research Environment (CADRE), IMLS, Midwest Big Data Hub liaison
- 2014– Addressing gaps in clinically useful evidence on drug-drug interactions, NIH R01
- 2014–2016 Automated Notability Detection, Wikipedia Individual Engagement Grant
- 2014–2017 A Virtual Institute to Prototype Open Collaboration Data Factories, NSF SAVI

Other Committees

- 2019 Best paper committee, 6th Workshop on Argument Mining (ArgMining) at Empirical Methods in Natural Language Processing (EMNLP)
- 2012 ASIS&T Best Information Science Book Award Jury
- 2008–2012 Code4Lib Conference Scholarship Committee

Referee, Book Proposals

- 2014 Manning Publications

Referee, Journals

- 2020 *Journal of the Association for Information Science and Technology*
- 2020 *Argument and Computation*
- 2019 *npj Digital Medicine* (Nature)
- 2018–9 *BMJ Open* (BMJ)
- 2018 PLOS ONE
- 2018 *Health Information and Libraries* (Wiley)
- 2018 *Journal of Biomedical Informatics* (Elsevier)
- 2018 *Research Synthesis Methods* (Wiley)
- 2017 *Briefings in Bioinformatics* (Oxford)
- 2017 *Journal of Data Science* (IOS Press)
- 2017 *Transactions on Emerging Topics in Computing* (IEEE)
- 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

- 2019 European Conference on Information Systems
- 2017 International Conference on Computational Linguistics (COLING)
- 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

University of Illinois at Urbana Champaign

- 2019 Reviewer, University of Illinois/OSF Hospital Jump ARCHES Endowment, 3 proposals
- 2019 Reviewer, University of Illinois Campus Research Board, 2 proposals
- 2018 Reviewer, University of Illinois Campus Research Board, 1 proposal

School of Information Sciences, University of Illinois at Urbana Champaign

- 2020–21 Diversity Committee
- 2020–21 Doctoral Studies Committee
- 2019–20 Executive Committee
- 2018–20 Bioinformatics Master’s working group
- 2018–9 Curriculum Committee
- 2017–8 Doctoral Studies Committee
- 2016–7 Admissions Committee

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