

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, 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

FACULTY APPOINTMENTS

- 2022– Associate Professor, School of Information Sciences, University of Illinois at
Urbana-Champaign, Champaign, IL
Internal Affiliations:
 Illinois Informatics Institute (0%) since August 2016
 Beckman Institute (0%) since March 2017
 Health Care Engineering Systems Center at the Coordinated Science
 Laboratory (0%) since March 2017
 European Union Center (a Jean Monnet Centre of Excellence) (0%) since
 March 2017
 Center for Health Informatics (a World Health Organization / Pan-American
 Health Organization Collaborating Center on Information Systems for
 Health) (0%) since August 2017
 Cline Center for Advanced Social Research (0%) since August 2020
 Institute for Genomic Biology (0%) since November 2023
External Affiliations:
 Clinical Assistant Professor, Department of Psychiatry, University of Illinois
 Chicago School of Medicine, Chicago, IL (0%), since February 2018
 Department of Biomedical Informatics, University of Pittsburgh (0%, since
 August 2016)
- 2016–2022 Assistant Professor, School of Information Sciences, University of Illinois at
Urbana-Champaign, Champaign, IL

GRANTS

Awarded as PI

- 2022–2024 “Reducing the Inadvertent Spread of Retracted Science II: Research and Development towards the Communication of Retractions, Removals, and Expressions of Concern Recommended Practice.” Alfred P. Sloan Foundation, June 21, 2022–July 21, 2024, \$249,998.
- 2021–2024 “Strengthening Public Libraries' Information Literacy Services Through an Understanding of Knowledge Brokers' Assessment of Technical and Scientific Information.” Institute of Museum and Library Services. August 1, 2021–July 31, 2024, \$416,760.
- 2021–2026 “CAREER: Using Network Analysis to Assess Confidence in Research Synthesis.” National Science Foundation Social, Behavioral, and Economic Sciences Directorate. August 1, 2021–July 31, 2026, \$599,963.
- 2020–2021 “Identifying Potential Bias in Science Using Citation Network Structures.” University of Illinois at Urbana-Champaign Campus Research Board, October 16, 2020–August 15, 2021, \$29,960.
- 2020–2021 “Reducing the Inadvertent Spread of Retracted Science: Shaping a Research and Implementation Agenda.” Alfred P. Sloan Foundation, \$174,981.
- 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.

Awarded as co-PI

- 2023–2026 “Automated Indexing for Publication Types and Study Designs.” NIH R01, PI Neil Smalheiser, \$947,925.

Awarded as Senior Personnel

- 2022–2024 “Natural Language Processing to Assess and Improve Citation Integrity in Biomedical Publications.” Office of Research Integrity. PI Halil Kilicoglu, \$300,000.

Subawards

- 2022–2024 “Building the Capacity of Academic Librarians in Understanding Quantitative Data, Data Quality Problems, and Evaluating Data Quality: A National Forum.” PI Yan (Grace) Liu, \$5,300 subaward.
- 2017–2021 “Text Mining Pipeline to Accelerate Systematic Reviews in Evidence-based Medicine.” NIH R01, PIs Neil Smalheiser and Aaron Cohen, \$228,006 subaward.

PUBLICATIONS (underlining indicates student or postdoctoral 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
Reviewed in: *Computing Reviews; Argumentation and Advocacy; Computational Linguistics; Language Resources & Evaluation*
Reprinted by Springer International Publishing, 2022, 175 pages.
doi:10.1007/978-3-031-02169-5

Refereed Journal Articles

- 2024 Yuanxi Fu, Caitlin Vitosky Clarke, Mark Van Moer, **Jodi Schneider**. Exploring evidence selection with the inclusion network. *Quantitative Science Studies*. In Press. doi:10.1162/qss_a_00287
- 2024 Julian Hirt, Thomas Nordhausen, Thomas Fuerst, Hannah Ewald, Christian Appenzeller-Herzog, **on behalf of the TARCiS study group**. (2024). Guidance on terminology, application, and reporting of citation searching: the TARCiS statement. *BMJ*. 385:e078384. doi:10.1136/bmj-2023-078384
- 2024 Caitlin Bakker, Stephanie Boughton, Clovis M. Faggion Jr., Daniele Fanelli, Kathryn A. Kaiser, **Jodi Schneider**. Reducing the residue of retractions in evidence synthesis: Ways to minimize the citation and use of retracted data. *BMJ Evidence-based Medicine*. 29:121–126. doi:10.1136/bmjebm-2022-111921
- 2022 **Jodi Schneider**, Nathan D. Woods, Randi Proescholdt, and The RISRS Team. Reducing the Inadvertent Spread of Retracted Science: Recommendations from the RISRS Report. *Research Integrity & Peer Review*. 7, 6. doi:10.1186/s41073-022-00125-x
Cited & quoted in: Brainard, J. (2023). Scientific retractions may become easier to spot as Retraction Watch finds new partner. *Science*. doi:10.1126/science.adk8174
- 2022 **Jodi Schneider**, Linh Hoang, Yogeshwar Kansara, Aaron Cohen, Neil R. Smalheiser. Evaluation of publication type tagging as a strategy to screen randomized controlled trial articles in preparing systematic reviews. *JAMIA Open*. 5(1):1–7. April 2022. doi:10.1093/jamiaopen/ooac015
- 2022 Neil R. Smalheiser, **Jodi Schneider**, Vetle I. Torvik, Dean P. Fragnito, Eric E. Tirk. The citation cloud of a biomedical article: Enabling citation analysis. *Journal of the Medical Library Association*. 110(1):103–108.
doi:10.5195/jmla.2022.1117
- 2021 Tzu-Kun Hsiao and **Jodi Schneider**. Continued use of retracted papers: temporal trends in citations and (lack of) awareness of retractions shown in citation

contexts in biomedicine. *Quantitative Science Studies*. 2(4):1144–1169.
doi:10.1162/qss_a_00155

Cited in: Chawla, D.S. (January 4, 2024). US project seeks standard way to communicate research retractions. *Nature Index*. doi:10.1038/d41586-024-00014-x

- 2021 Halil Kilicoglu, Graciela Rosemblat, Linh Hoang, Sahil Wadhwa, Zeshan Peng, Mario Malički, **Jodi Schneider**, Gerben ter Riet. Toward assessing clinical trial publications for reporting transparency. *Journal of Biomedical Informatics*. 116:103717. doi:10.1016/j.jbi.2021.103717
- 2021 Harry Hochheiser, Xia Jing, Elizabeth A. Garcia, Serkan Ayvaz, Ratnesh Sahay, Michel Dumontier, Juan M. Banda, Oya Beyan, Mathias Brochhausen, Evan Draper, Sam Habel, Oktie Hassanzadeh, Maria Herrero-Zazo, Brian Hocum, John Horn, Brian LeBaron, Daniel C. Malone, Gerald McEvoy, Øystein Nytrø, Thomas Reese, Katrina Romagnoli, **Jodi Schneider**, Lorne Walker, Louisa (Yu) Zhang, and Richard D. Boyce. A minimal information model for potential drug-drug interactions. *Frontiers in Pharmacology*. 11:608068. section Pharmaceutical Medicine and Outcomes Research, research topic Drug Interactions in the Real World. doi:10.3389/fphar.2020.608068
- 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*. 125(3):2877–2913.
doi:10.1007/s11192-020-03631-1
Cited in:
Chawla, D.S. (February 2, 2021). New bot flags scientific studies that cite retracted papers. *Nature Index*. <https://www.natureindex.com/news-blog/new-bot-flags-scientific-research-studies-that-cite-retracted-papers>
Fanni, D.S. (March 15, 2021). Retracting publications doesn't stop them from influencing science: "Zombie papers" keep on getting cited, with huge ripple effects. *American Society for Biochemistry and Molecular Biology*. <https://www.asbmb.org/asbmb-today/opinions/032821/retracting-publications-doesn-t-stop-them-from-inf>
Chawla, D.S. (April 29, 2024). How reliable is this research? Tool flags papers discussed on PubPeer. *Nature* doi:10.1038/d41586-024-01247-6
- 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 Rosemblat, 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 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, 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

Fully Refereed Conference Publications in Proceedings

- 2024 Togzhan Seilkhanova, Theodore Dreyfus Ledford and Jodi Schneider. COVID-19 Information Spaces, Boundaries, and Information Sharing: An Interview Study. *The Information Seeking in Context (ISIC 2024)*. Proceedings to appear in *Information Research*.
- 2024 Heng Zheng, Theodore Dreyfus Ledford, and **Jodi Schneider**. Arguing about controversial science in the news: Does epistemic uncertainty contribute to information disorder? iConference 2024, Virtual, July. *iConference 2024. Wisdom, Well-Being, Win-Win*. Ed. by Sserwanga, I., et al. *Lecture Notes in Computer Science, vol 14597*. Springer, Cham, 2024, pp. 211–235. doi: 10.1007/978-3-031-57860-1_16

- 2023 **Jodi Schneider**, Jou Lee, Heng Zheng, and Malik Salami. Assessing the agreement in retraction indexing across 4 multidisciplinary sources: Crossref, Retraction Watch, Scopus, and Web of Science. *27th International Conference on Science, Technology and Innovation Indicators (STI 2023)*, Hybrid, Leiden, Netherlands, September. doi:10.55835/6441e5cae04dbe5586d06a5f
Cited & quoted in: Chawla, D. S. (2023, September 19). Crossref acquires Retraction Watch Database. *Chemical & Engineering News*. <https://cen.acs.org/research-integrity/Crossref-acquires-Retracton-Watch-Database/101/web/2023/09>
- 2022 Randi Proescholdt, Tzu-Kun Hsiao, **Jodi Schneider**, Aaron M. Cohen, Marian S. McDonagh, and Neil R. Smalheiser. Testing a filtering strategy for systematic reviews: evaluation work savings and recall. *Proceedings of the AMIA Informatics Summit 2022*, Chicago, March.
- 2022 Amulya Addepalli, Karen Ann Subin, and **Jodi Schneider**. Testing the keystone framework by analyzing positive citations to Wakefield's 1998 Paper. *Information for a Better World: Shaping the Global Future. iConference 2022 Lecture Notes in Computer Science* vol 13192. iConference, Virtual, March. doi:10.1007/978-3-030-96957-8_9 *Best short paper*
- 2021 Yuanxi Fu, Jasmine Yuan, and **Jodi Schneider**. Using citation bias to guide better sampling of scientific literature. *Proceedings of the 18th International Conference on Scientometrics & Informetrics*, Virtual, July.
- 2020 Linh Hoang, Richard D. Boyce, Nigel Bosch, Britney A. Stottlemeyer, Mathias Brochhausen, and **Jodi Schneider**. Automatically classifying the evidence type of drug-drug interaction research papers as a step toward computer supported evidence curation. *Proceedings of AMIA 2020*, Virtual, November.
- 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. doi:10.1002/pr2.315
- 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 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. doi:10.1002/pr2.35
- 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.
doi:10.1002/pr2.32

- 2018 **Linh Hoang** and **Jodi Schneider**. Opportunities for computer support for systematic reviewing: A gap analysis. 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.
doi:10.1002/pr2.2017.14505401006
- 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.
doi:10.3233/978-1-61499-830-3-960
- 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. doi:10.1145/3097286.3097288
- 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.
doi:10.1145/2641580.2641614
- 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. doi:10.1145/2441776.2441897
- 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. doi:10.1007/978-3-642-33876-2_4

- 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. doi:10.3233/978-1-61499-111-3-43
- 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. doi:10.1145/2462932.2462955
- 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. Doi: 10.1145/1982185.1982358
- 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. doi:10.3233/978-1-60750-619-5-439
- 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. doi:10.1145/1874590.1874601

Conference Papers with Proceedings (Reviewed as Abstracts)

- 2024 **Jodi Schneider**. “Scientific Controversies in Digital Publics” in panel “Misinformation, Conspiracy, and Politicization in Digitally Mediated Science,” Accepted to *Association of Internet Researchers (AoIR2024)*, Sheffield, UK and virtual, October–November.
- 2024 Heng Zheng, Yuanxi Fu, and **Jodi Schneider**. “Using argument graphs to audit reasoning in empirical scientific publications.” Accepted to *The Thirteenth Conference of the Ontario Society for the Study of Argumentation: Argumentation and Changing Minds*. Windsor, Canada, May.
- 2023 **Jodi Schneider**. “How do empirical biomedical research articles argue? Examining the layers of rhetorical, domain-specific, and citation-based argumentation.” *Proceedings of the 10th Conference of the International Society for the Study of Argumentation*, Leiden, Netherlands, July.

- 2023 Sally Jackson and **Jodi Schneider**. “What Can Be Learned about Argument Schemes from Other Fields’ Inventions?.” *Proceedings of the 10th Conference of the International Society for the Study of Argumentation*, Leiden, Netherlands, July.
- 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.
- 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.

Workshop Papers with Proceedings

- 2023 Yuanxi Fu, Caitlin Vitosky Clarke, Mark Van Moer, and **Jodi Schneider**. Exploring evidence selection with the inclusion network. In *Networks in Science of Science: A NetSci 2023 Satellite Workshop*, Vienna, Austria, July. <https://openreview.net/forum?id=KYHoRtut9fj>
- 2021 Yuanxi Fu, **Jodi Schneider**, and Catherine Blake. Finding keystone citations for constructing validity chains among research papers. In *WWW '21: Companion Proceedings of The Web Conference*, 451–455, Virtual, April. doi:10.1145/3442442.3451368
- 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.

Edited Proceedings

- 2023 Floriana Grasso, Nancy Green, Jodi Schneider, Simon Wells, eds. (December 2023). CMNA 2023 Computational Models of Natural Argument: Proceedings of

- the 23rd Workshop on Computational Models of Natural Argument. Virtual Event, December 3, 2023. Published as CEUR Volume 3614. <https://ceur-ws.org/Vol-3614/>
- 2022 Floriana Grasso, Nancy Green, **Jodi Schneider**, and Simon Wells, eds. *Proceedings of the 22nd Workshop on Computational Models of Natural Argument. Cardiff, Wales, September 12, 2022*. Published as CEUR Volume 3205. <https://ceur-ws.org/Vol-3205/>
- 2022 Gabriella Lapesa, **Jodi Schneider**, Yohan Jo, and Sougata Saha. 2022. *Proceedings of the 9th Workshop on Argument Mining. International Conference on Computational Linguistics, Online and in Gyeongju, Republic of Korea*. <https://aclanthology.org/2022.argmining-1.0/>
- 2022 Paul Groth, Anisa Rula, **Jodi Schneider**, Ilaria Tiddi, Elena Simperl, Panos Alexopoulos, Rinke Hoekstra, Mehwish Alam, Anastasia Dimou, Minna Tamper, editors. *The Semantic Web: ESWC 2022 Satellite Events. Hersonissos, Crete, Greece, May 29 – June 2, 2022, Proceedings* doi:10.1007/978-3-031-11609-4
- 2021 Wolf-Tilo Balke, Anita de Waard, **Yuanxi Fu**, Bolin Hua, **Jodi Schneider**, Ningyuan Song, and Xiaoguang Wang. *Proceedings of the Workshop on Digital Infrastructures for Scholarly Content Objects (DISCO 2021), Online (Due to the Global Pandemic), September 30, 2021*. Published as CEUR Volume 2976. <http://ceur-ws.org/Vol-2976/>
- 2021 Floriana Grasso, Nancy Green, **Jodi Schneider**, and Simon Wells, eds. *Proceedings of the 21st Workshop on Computational Models of Natural Argument. Online, September 2-3, 2021*. Published as CEUR Volume 2937. <http://ceur-ws.org/Vol-2937/>
- 2020 Floriana Grasso, Nancy Green, **Jodi Schneider**, and Simon Wells, eds. *Proceedings of the 20th Workshop on Computational Models of Natural Argument co-located with the 8th International Conference on Computational Models of Argument (COMMA 2020) Perugia, Italy (and online), September 8th, 2020*. Published as CEUR Volume 2669. <http://ceur-ws.org/Vol-2669/>
- 2019 Floriana Grasso, Nancy Green, **Jodi Schneider**, and Simon Wells, eds. *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, 9th April 2019*. Published as CEUR Volume 2346. <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, Issue 1, July*. <https://bulletin.jcdl.org/Bulletin/v9n1/>

Manuscripts under Public Review

2021 Aaron M. Cohen, **Jodi Schneider**, Yuanxi Fu, Marian S. McDonagh, Prerna Das, Arthur W. Holt, Neil R. Smalheiser. (2021). Fifty Ways to Tag Your Pubtypes: Multi-Tagger, a Set of Probabilistic Publication Type and Study Design Taggers to Support Biomedical Indexing and Evidence-Based Medicine. Preprint in medRxiv: doi:10.1101/2021.07.13.21260468

SELECTED HONORS

2023 Senior Member, Association of Computing Machinery

2020, 2023 List of Teachers Ranked as Excellent: Fall 2020, Spring 2023

FELLOWSHIPS

2024–2025 Perrin Moorhead Grayson and Bruns Grayson Fellow, Harvard Radcliffe Institute for Advanced Study

2023–2024 Associate, Center for Advanced Study, University of Illinois at Urbana Champaign

2020–2022 Linowes 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

2012 A. R. Zipf Fellowship from the Council on Library and Information Resources

POSTDOCTORAL, RESEARCH, AND PROFESSIONAL EMPLOYMENT

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

INVITED PARTICIPANT

- 2023–2024 Emerging Research Leaders Academy, University of Illinois at Urbana Champaign
- 2023–2024 OpEd Project Public Voices Fellow, University of Illinois at Urbana Champaign
- 2022 Invited Participant, Dagstuhl Seminar 22432: Towards a Unified Model of Scholarly Argumentation, Dagstuhl, Germany, October 23–28. Declined due to COVID-19 travel concerns.
- 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 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
- 2013 Short-term Academic Visit. SINTELNET, for visit to INRIA Sophia Antipolis in November–December
- 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

NON-ARCHIVAL PUBLICATIONS

Posters and Tutorials in National and International Conferences with Proceedings

- 2022 **Jodi Schneider**, Jacqueline Léveill , Randi Proescholdt, Susmita Das, The RISRS Team. Characterization of Publications on Post-Retracted Citation of Retracted Articles. Ninth International Congress on Peer Review and Scientific Publication, Chicago and online, September.
<https://peerreviewcongress.org/abstract/characterization-of-publications-on-post-retraction-citation-of-retracted-articles/>
<https://hdl.handle.net/2142/114477>
- 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, Massachusetts, 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, Demos, and Lightning Talks in National and International Conferences without Proceedings

- 2023 Ishita Sarraf, Yuanxi Fu, and **Jodi Schneider**. Text mining scholarly publications using APIs. METSTI 2023: Workshop on Informetric, Scientometric, and Scientific and Technical Information Research at ASIS&T, London, October. Poster paper: <https://doi.org/10.5281/zenodo.10581542> Poster presentation: <https://doi.org/10.5281/zenodo.10767479>
- 2023 Togzhan Seilkhanova and **Jodi Schneider**. An interview study of how intermediaries gather and make sense of COVID-19 information. SIG USE Symposium, online, October.
- 2021 Morgan Gray and **Jodi Schneider**. "I would have never gotten a diagnosis": Investigating the information seeking needs, behaviors, and barriers faced by endometriosis patients. SIG USE Symposium at ASIS&T, online, October.
- 2021 Neil R. Smalheiser and **Jodi Schneider**. The Citation Cloud of a Biomedical Article: Enabling Citation Analysis. Medical Library Association, online, May.
- 2021 Neil R. Smalheiser, **Jodi Schneider**, and Aaron Cohen. Multiple Probabilistic Automated Publication Type Taggers to Index Biomedical Articles and Support Evidence Synthesis. Medical Library Association, online, May.

- 2020 Randi Proescholdt and **Jodi Schneider**. Retracted Papers with Inconsistent Document Type Labeling in PubMed, Scopus, and Web of Science. METRICS 2020: ASIS&T Virtual Workshop on Informetrics and Scientometrics Research, online, October.
- 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.

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.

Articles in Bulletins, Professional Magazines, and Journals with a Professional Audience

- 2022 Nathan D. Woods, **Jodi Schneider**, and The RISRS Team. Addressing the continued circulation of retracted research as a design problem. *GW Journal of Ethics in Publishing*. Available from: <https://gwpress.manifoldapp.org/read/retraction-as-a-design-problem/section/32a19ddd-381b-4a4c-aac9-bcbfd10c9c0a>
- 2022 Samantha Blickhan, Stephanie Dawson, Bahar Mehmani, Nici Pfeiffer, and **Jodi Schneider**. 2022. The role of the Information Community in Ensuring that Information is Authoritative: Strategies from NISO Plus 2022. *Information Services & Use*. (NISOPlus Special Issue). 42(3-4):2022 doi:10.3233/ISU-220169
- 2021 Michele Avissar-Whiting, Caitlin Bakker, Hannah Heckner, Sylvain Massip, **Jodi Schneider**, and Randy Townsend. Addressing disorder in scholarly communication: Strategies from NISO Plus 2021. *Information Services & Use*. (NISOPlus Special Issue). 41(1-2):107–121. doi:10.3233/ISU-210113
- 2011 **Jodi Schneider**. Beyond the PDF. *Ariadne*. 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

1997 Colin Adams, Eric Furstenberg, Jie Li, **Jodi Schneider**. Exploring knots. *Mathematics Teacher*. 90, 8, 640–46,652. 1997. doi:10.5951/MT.90.8.0640

Workshop Descriptions

2022 Joel Chan, Wayne Lutters, **Jodi Schneider**, Karola Kirsanow, Sílvia Bessa, and Jonny L. Saunders. 2022. Growing new scholarly communication infrastructures for sharing, reusing, and synthesizing knowledge. *Companion Publication of the 2022 Conference on Computer Supported Cooperative Work and Social Computing (CSCW'22 Companion)*, 278–281. doi:10.1145/3500868.3559398

2022 Wolf-Tilo Balke, Hermann Kroll, Yuanxi Fu, **Jodi Schneider**, Anita de Waard. 2nd Workshop on Digital Infrastructures for Scholarly Content Objects (DISCO'22). *Proceedings of the 22nd ACM/IEEE Joint Conference on Digital Libraries (JCDL '22)*, Article 58, 1–2. doi:10.1145/3529372.3530943

2021 **Jodi Schneider**, Anita de Waard, Wolf-Tilo Balke, Xiaoguang Wang, Ningyuan Song, Bolin Hua, and Yuanxi Fu. Digital Infrastructures for Scholarly Content Objects. *Proceedings of the 2021 ACM/IEEE Joint Conference on Digital Libraries (JCDL 2021)*, 346–347. doi:10.1109/JCDL52503.2021.00069

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 Habel, 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.

Other Reports

- 2021 **Jodi Schneider**, Nathan D. Woods, Randi Proescholdt, Yuanxi Fu, and the RISRS Team. Reducing the Inadvertent Spread of Retracted Science: Shaping a Research and Implementation Agenda. Unpublished white paper. doi:10.31222/osf.io/ms579
- 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

PRESENTATIONS

Invited Talks

- 2023 “Citation Integrity” with Halil Kilicoglu. Talk to Online Ethics Center Scholars, Educators & Administrators Fostering Research Integrity Community of Practice, Online, September 21
- 2022 “Is it possible to have a career as a meta-researcher?” The Association for Interdisciplinary Meta-research and Open Science Webinar. Panelists Carl Bergstrom, Jennifer Byrne, James Heathers, Jodi Schneider, Online, June 6
- 2021 “Continued citation of bad science and what we can do about it,” Universidad de Especialidades Espíritu Santo (UEES), Ecuador, September 29
- 2021 “Continued citation of bad science and what we can do about it,” joint George Washington University – Children’s National Health System Informatics Seminar Series, April 20
- 2021 “Continued citation of bad science and what we can do about it,” Center for Computational & Data Science, Syracuse University School of Information Studies, Virtual, February 19
- 2021 “Methods pyramids as an organizing structure for evidence-based medicine”, Workshop on Conceptual Modeling, Virtual, JCDL 2020, August 1 [Keynote]
- 2019 “Argumentation mining.” Swiss Ph.D. School on Language and Cognition
“Linguistic and corpus perspectives on argumentative discourse,” Fribourg, Switzerland, September 2 and 3
- 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 Academic Conferences and Workshops without Formally Published Proceedings

- 2024 Janayne Carvalho do Amaral and **Jodi Schneider**. “How medical cannabis activists in Brazil build their authority as experts and impact the science-society relationship.” In panel: Justice-oriented science communication research: sharing knowledge, building a network. European Association for the Study of Science and Technology (EASST) and the Society for Social Studies of Science (4S) (EASST-4S), Amsterdam, Netherlands, July 16-19
- 2024 M. Janina Sarol, Shufan Ming, Yaswanth Narsupalli, Shruthan Radhakrishna, **Jodi Schneider**, Halil Kilicoglu. “Towards automatic detection of citation quotation errors: An open dataset and machine learning models.” 8th World Conference on Research Integrity (WCRI), Athens, Greece, June 2-5.
- 2023 Heng Zheng and **Jodi Schneider**. “Can argumentation help improve communication between experts and the public?” *Information Science Trends 2023*, Uppsala, Sweden and online, June 20 doi:10.5281/zenodo.8023747
- 2022 **Jodi Schneider**, Susmita Das, Will White, Yee Yan ‘Vivien’ Yip, Randi Proescholdt, The RISRS Team. “Reviewing what is known about the citation, reuse, and spread of retracted science using the Empirical Retraction Lit database.” World Conference on Research Integrity (WCRI), Cape Town, South Africa and virtual, May 29. Slides: <http://hdl.handle.net/2142/114195> Abstract, accepted for oral presentation.
- 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 (WCRI), Hong Kong, June 3.

- 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
- 2017 “Developing an information source lexicon.” With Aseel Addawood, Rezvaneh Rezapour, Shubhanshu Mishra, and Jana Diesner. *Workshop on Prioritising Online Content at Conference on Neural Information Processing Systems (NIPS)*. Long Beach, CA, December 9
- 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 (ECA), 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
- 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
- 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
- 2008 “Authors, authority and the shift from script to print.” Questioning Authority, Ann Arbor, MI, March 28

Dissemination to Practitioners and the Public at Professional Conferences and Events

- 2024 Only can prevent research integrity fires!: What practices contribute to improving research integrity and how can you help? Todd Carpenter, Patrick Hargitt, Hylke Koers, Marie McVeigh, Ivan Oransky, Jodi Schneider, Caroline Sutton. Moderator: Todd Carpenter. Society for Scholarly Publishing, Boston, MA, May 29–31
- 2024 A New Standard for Communication of Retractions, Removals, and Expressions of Concern. Speakers: Tilla Edmunds, Annette Flanagan, Jodi Schneider. Moderator: Kelly Hadsell. Council of Science Editors, Portland, OR, May 4–7
- 2023 New approaches towards retractions, Panelists: Anna Abalkina, Todd Carpenter, Jodi Schneider, Mike Streeter. Moderator: Tim Kersjes. STM Research Integrity Day, London, UK, December 6
- 2023 “Department of We-Take-It-Back!: Promoting Awareness of Retracted Research in the Scholarly Record”. Panelists: Keondra Bailey, Caitlin Bakker, Jodi Schneider. Charleston Conference, Charleston, South Carolina and online, November 9
- 2023 “How Medical Librarians Can Stop the Spread of Retracted Research”, Pacific Northwest Chapter of Medical Library Association: Annual Meeting, Online, November 8 [Keynote]
- 2023 NISO Communication of Retractions, Removals, and Expressions of Concern (CREC) Recommended Practice Public Comment Webinar. Panelists: Rachael Lammey, Todd Carpenter, Caitlin Bakker, Jodi Schneider, online, October 11
- 2023 Crossref Retraction Watch Community Call, Panelists Rachael Lammey, Ivan Oransky, Jodi Schneider, Michelle Avissar-Whiting, Jennifer Heimberg, Chris Graf. Moderator: Madhura Amdekar, online, September 27
<https://www.youtube.com/watch?v=b5VBUWz8KZY>
- 2023 “Wikimedians as information intermediaries for COVID-19”. Lightning Talk Showcase: Powerful Wiki Ideas Worth Sharing. Wikimania, Singapore and online, August 18 <https://www.youtube.com/watch?v=48DX018po6Y&t=30475s>
- 2023 “Open Teleconference April 2023 - CREC (Communication of Retractions, Removals, and Expressions of Concern)” NISO Open Telecon, online, April 10
- 2023 “The Effect of Retractions on the Scholarly Record”, Highwire webinar. Panelists: Jodi Schneider, Luigi Longobardi, Helen MacDonald, and Simone Ragavoolo. Moderated by Tony Alves with support from Mridul Saxena, online, January 11
- 2022 “The Communication of Retractions, Removals, and Expressions of Concern (CORREC) Working Group”, in Panel: Information Standards and the Global

Research Infrastructure. Japan Open Science Summit, Panelists: Makoto Murata, Todd Carpenter, Jason Griffey, Ritsuko Nakajima, Alison McGonagle O'Connell, Jodi Schneider, online, June 6

- 2022 “What is the impact of retracted research?”, in Panel: Publishing Ethics and Misconduct Practices and Processes. Moderator: Luigi Longobardi, Panelists: Jodi Schneider, Gianluca Setti, Dan Kulp, Peter Luh, IEEE Panel of Editors, New Brunswick, NJ and online, April 29
- 2022 “Safeguarding the integrity of the literature: the role of retraction”, in Panel “The Role of the Information Community in Ensuring that Information is Authoritative”. Moderator: Stephanie Dawson, Panelists Samantha Blickhan, Bahar Mehmani, Nici Pfeiffer, Jodi Schneider. NISO Plus 2022 virtual event, February 17
- 2022 “CORREC Update” Todd Carpenter and Jodi Schneider, in Panel “NISO-Plus 2021 followup-session”. NISO Plus 2022 virtual event, February 16
- 2022 “An Essential Introduction to Retractions and Evaluating Research Quality”, Medical Library Association continuing education webinar. With Elizabeth Suelzer, Ciara Healey, and Christopher Lehmann. Online (June 14)
- 2022 “Scientific Publishing and the Pandemic: ACRL STS Hot Topics Discussion Summer 2022”. With Julia Gelfand. Online (June 7)
- 2021 “How to reverse the inadvertent spreading of retracted science?”. Tools for Trust; new standards and innovations for Research Integrity. STM Innovations Week, Virtual, December 7
- 2021 “A cross-industry discussion on retracted research: Connecting the dots for shared responsibility”. Panelists: Jodi Schneider, IJsbrand Jan Aalbersberg, Christopher Lehmann, and Elizabeth Suelzer. Charleston Conference, Hybrid, Charleston, SC, November 4
- 2021 “Continued citation of retracted science and what we can do about it”. Panel: Reducing retracted science: Best practice for the editorial office, Panelists: Ivan Oransky, Jodi Schneider. Moderator: Ryan Farrell. International Society of Managing and Technical Editors Global Virtual Event, Virtual, October 12
- 2021 “Continued citation of retracted science and what we can do about it”. Panel: Reducing the inadvertent spread of retracted science. Panelists: Jodi Schneider, Daniele Fanelli, Geoffrey Bilder. Moderator: Deborah Poff. Council on Publication Ethics annual virtual seminar, September 29
- 2021 “A cross-industry discussion on retracted research: Connecting the dots for shared responsibility,” Moderator: Annette Flanagan. Panelists: Jodi Schneider, Hannah

Heckner, Deborah Poff, John Seguin. Society for Scholarly Publishing 43rd Annual Meeting. May 26

- 2021 “Connecting the dots: A cross-industry discussion on retracted research,” Moderator. Panelists: Jodi Schneider, Caitlin Bakker, Hannah Heckner, Randy Townsend. NISO Plus. February 25
- 2020 “The problems of post-retraction citation - and mitigation strategies that work.” NIH Bibliometrics & Research Assessment Symposium 2020, October 9
- 2019 “Linked Data webinar 1: Overview and basics.” CARLI Webinar, Illinois. Online (February 7)
- 2018 “Trouble at the academy: Problem citations.” CrossRef LIVE18, Toronto, Canada, November 13
- 2018 “What WikiCite can learn from biomedical citation networks.” WikiCite, Vienna, Austria, May 22
- 2010 “Dynamics of Wikipedia talk pages.” WikiMania 2010, Gdańsk, Poland, July 9
- 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
- 2009 “What we talk about when we talk about FRBR.” Presented with William Denton. Code4Lib 2009, Providence, RI, February 25
- 2008 “The Code4Lib Journal.” With Jonathan Brinley and Edward M. Corrado. Code4Lib 2008, Portland, OR, February 26

TEACHING EXPERIENCE

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

Advanced Topics in Data Analytics & Data Science, section on Research Impact [bibliometrics], 4 credit semester course (IS IS597 RIO Spring 2023)

Analytical Foundations for Information Problems [discrete mathematics], 3 credit semester course (IS 203 Spring 2022)

Social Network Analysis, 3 credit semester course (IS 324 Spring 2022)

Information Modeling, 4 credit semester course (LIS 561 Spring 2017; IS 561 Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019 [2 sections]; IS 515 Spring 2021, Fall 2021)

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, Fall 2023)

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

POSTDOCTORAL RESEARCHER SUPERVISION

2023– Liliana Giusti Serra

2023– Heng Zheng

2022– Janaynne do Amaral

PHD STUDENT SUPERVISION

PhD Thesis Advisees

2023– Puranjani Das, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.

2023– Theodore Ledford, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.

2023– Emily Wegrzyn, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.

- 2022– Togzhan Seilkhanova, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2021– Yuanxi Fu, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2020– Malik Salami, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign, Co-advisor with Vetle Torvik.
- 2023–2024 James Hahn, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2022–2023 Divya Pathak, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2022–2023 David Eby, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2021–2024 Hannah Smith, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2020–2023 Chris Wiley, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign, Co-advisor with Karen Wickett.
- 2019 Erik Moser, 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. First placement: Head Librarian at Prima Informática, Brazil.

PhD Thesis Committee Member

- 2024– Janina Sarol (advisor Halil Kilicoglu), PhD Candidate, Informatics, University of Illinois at Urbana-Champaign
- 2024– Jana Perkins (advisors Ted Underwood and Zoe LeBlanc), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2023– Sihan Li (advisor Salah Issa), PhD Candidate, Agricultural & Biological Engineering), University of Illinois at Urbana-Champaign
- 2019– Alexander Michels (advisor Shaowen Wang), PhD Candidate, Informatics, University of Illinois at Urbana-Champaign

- 2018–2023 Michael Gryk (advisor Bertram Ludäscher), PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2018–2023 Ruohua Han (advisor Lori Kendall), PhD, School of Information Sciences, University of Illinois at Urbana-Champaign. “Exploring the Sharing of Autobiographical Memories and Memory Objects in Chinese Families”. First placement: Assistant Professor of Library and Information Science, University of Denver, Colorado.
- 2016–2020 Jinlong “Kenney” Guo (advisor J. Stephen Downie), MSLIS, School of Information Sciences, University of Illinois at Urbana-Champaign. First placement: Data Engineer, Shanghai Institute of Materia Medica, China.
- 2016–2021 Linh Hoang, PhD, Library and Information Science, (2022 under advisor Halil Kilicoglu; I advised 2017-2019), School of Information Sciences, University of Illinois at Urbana-Champaign. “Natural Language Processing to Support Evidence Quality Assessment of Biomedical Literature”. First placement: Data Scientist, Gilead Sciences, California.
- 2017–2020 Yi-Yun “Jessica” Cheng, PhD, Information Sciences, University of Illinois at Urbana-Champaign, (advisor Bertram Ludäscher), 2022, “Agreeing to Disagree: Applying a Logic-based Approach to Reconciling and Merging Multiple Taxonomies”. First placement: Assistant Professor of Library and Information Science, Rutgers University, New Jersey.
- 2016–2018 Aseel Addawood, Informatics, University of Illinois at Urbana-Champaign, 2019, “Understanding Misinformation on Twitter in the Context of Controversial Issues” (member of proposal defense committee; entire committee changed in October 2018). First placement: Assistant Professor, Al-Imam Muhammad Ibn Saud Islamic University, Saudi Arabia.

PhD Thesis Hours Supervision

- 2024 Yuanxi Fu, Spring; Hannah Smith, Spring
- 2023 Yuanxi Fu, Fall; Chris Wiley, Fall
- 2019 Linh Hoang, Spring
- 2018 Linh Hoang, Fall
- 2017 Jinlong “Kenney” Guo (advisor Catherine Blake), Spring

VISITING RESEARCHER SUPERVISION

- 2022 Johan Krause, Master’s student at Karlsruhe Institute of Technology, hosted for DAAD funded visit June–November

STUDENT EXAMINATIONS

External, PhD Theses

- 2024 External examiner, Heng Zheng (advisors Bart Verheij and Davide Grossi), Department of Artificial Intelligence, Bernoulli Institute for Mathematics, Computer Science and Artificial Intelligence, Faculty of Science and Engineering, University of Groningen
- 2022 External examiner, Yingya Li (advisor Bei Yu), School of Information Studies, Syracuse University
- 2022 External referee (reading assessment committee), Ivan Heibi (advisor Silvio Peroni), University of Bologna, Bologna, Italy.
- 2020 External examiner, Lucy McKenna, “NAISC-L: A Linked Data Interlinking Framework for Libraries, Archives and Museums”. October 21. University of Dublin, Trinity College Department of Computer Science, Dublin, Ireland.
- 2016 External referee (reading assessment committee), 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

- 2023 Malik Salami, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2023 Yuanxi Fu, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign.
- 2021 Jaihyun Park, PhD Candidate, School of Information Sciences, University of Illinois at Urbana-Champaign
- 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

PROFESSIONAL CONTINUING EDUCATION

Full-Day Tutorial without Proceedings

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 without Proceedings

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)

Tutorials in Proceedings

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 28) doi:10.1145/2666216.2666228

2013 Uldis Bojārs, Nuno Lopes, **Jodi Schneider**. (September 22). Linked Data for Digital Libraries. In: Aalberg, T., Papatheodorou, C., Dobрева, M., Tsakonas, G., Farrugia, C.J. (eds.) *Research and Advanced Technology for Digital Libraries*. TPD L 2013. Lecture Notes in Computer Science, vol 8092. Springer, Berlin, Heidelberg. 17th International Conference on Theory and Practice of Digital Libraries, Valletta, Malta (September 22) doi:10.1007/978-3-642-40501-3_72

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*

Editorial Boards

2021– *Frontiers in Research Metrics and Analytics*, Review Editor, Research Assessment section (Frontiers)

2021– *Journal of Scholarly Publishing* (University of Toronto Press)

Officer in Professional Societies

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

Grant Reviewing

2021–2022 European Commission Marie Skłodowska-Curie Actions Doctoral Networks (HE-MSCA-DN-2021)

2020, 2022 Dutch Research Council (NWO)

- 2019–2022 National Science Foundation
- 2021 National Institutes of Health Bridge to Artificial Intelligence (Bridge2AI)
- 2021 Swiss National Science Foundation
- 2021 National Institutes of Health study section on Clinical Data Management and Analysis
- 2020 Horizon 2020
- 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
- 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

Presentations to Government Agencies

How retractions, expressions of concern, and research misconduct pose challenges for evidence synthesis. Invited Talk to Systematic Review Community of Practice, U.S. Environmental Protection Agency, online, October 11, 2022

Retracted Science: an overview for Agencies. White House Office of Science and Technology Policy Subcommittee on Open Science Publications Workgroup, online, May 19, 2022

Participation in Government Consultations

Government Accountability Office Engagement on Research Reliability (Surveyed May 2021)

White House Office of Science and Technology Policy Request for Information (RFI) to Improve Federal Scientific Integrity Policies (Response to 86 FR 34064, July 2021)

Selected Press

Nidhi Subbaraman. (May 14, 2024). Flood of fake science forces multiple journal closures: Wiley to shutter 19 more journals, some tainted by fraud. *Wall Street Journal*. <https://www.wsj.com/science/academic-studies-research-paper-mills-journals-publishing-f5a3d4bc>

Xue Yang. (2024, April 3). 警惕论文撤稿引发学术信任危机 [Beware the retraction of papers triggering a crisis of academic trust]. China Social Science Network. https://www.cssn.cn/skgz/bwyc/202404/t20240403_5744706.shtml

Dalmeet Singh Chawla (September 13, 2022). Five-year campaign breaks science's citation paywall: Reference lists for more than 60 million journal studies in Crossref are now free to view and reuse. *Nature News*. doi:10.1038/d41586-022-02926-y

Roxanne Khamisi (May 1, 2020). Scite.ai tracks positive and negative citations for COVID-19 literature. *Nature*. doi:10.1038/d41586-020-01324-6

Journalistic OpEd Pieces

Jodi Schneider (November 26, 2023). *The Hill*. Science is littered with zombie studies. Here's how to stop their spread. <https://thehill.com/opinion/education/4326865-science-is-littered-with-zombie-studies-heres-how-to-stop-their-spread/>

Chair and Organizer Roles

2022 Workshop on Argument Mining (ArgMining) 2022 at the International Conference on Computational Linguistics (COLING)

2022 Extended Semantic Web Conference (ESWC) [Poster/demo Chair]

2021– Digital Infrastructures for Scholarly Content Objects (DISCO), at the ACM/IEEE Joint Conference on Digital Libraries (JCDL)

2019 Understanding People Subcommittee of ACM CHI [Associate Chair]

2018– Steering Committee, Computational Models of Natural Argument series

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 (STLR), at the ACM/IEEE Joint Conference on Digital Libraries (JCDL), Ottawa, Ontario, Canada

Program Committee Memberships

Conferences

2023 IEEE International Conference on Big Data (IEEE BigData)

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

2018 North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT)

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) 2015; Resources track 2017; Poster track 2020
- 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

- 2024 Networks in Science of Science Satellite Workshop at the International School and Conference on Network Science (NetSci) 2024
- 2023 International Workshop on Semantics in Dataspaces (SDS) at The Web Conference (WWW)
- 2022 Bibliometric-enhanced Information Retrieval workshop
- 2021 The First Workshop on Argumentation Knowledge Graphs (ArgKG 2021)
- 2021– International Workshop on Scientific Knowledge Representation, Discovery, and Assessment (Sci-K) at The Web Conference (WWW)
- 2021– 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 & 2021 & 2022
- 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 Consortia

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

Formal Mentoring Programs

- 2022–2023 ASIS&T Early Career Mentorship Program

Standardization Work

- 2022– NISO Working Group on Communication of Retractions, Removals, and Expressions of Concern
- 2021 FORCE11 Research Data Ethics group
- 2020–2021 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

Advisory Boards

- 2019 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

Award 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

Other Committees

- 2023 Evidence-Based Toxicology Collaboration Open Science working group

2023 FORCE11 Communications Committee

Referee, Reports and Book Proposals

2022 National Academies of Science Report, Accelerating Social and Behavioral Science Through Ontology Development and Use
2014 Manning Publications

Referee, Journals

Accountability in Research (Taylor & Francis), *Argument & Computation* (Taylor & Francis), *BMJ Open* (BMJ), *Briefings in Bioinformatics* (Oxford), *Cataloging & Classification Quarterly* (Taylor & Francis), *Computer Methods and Programs in Biomedicine* (Elsevier), *CSCW* (Springer), *Digital Health* (SAGE), *Ethical Theory and Moral Practice* (Springer), *Health Information and Libraries* (Wiley), *Heliyon* (Cell Press), *IEEE Intelligent Systems*, *IEEE Internet Computing*, *Information Systems* (Elsevier), *International Journal of Human-Computer Studies* (Elsevier), *JAMA Network Open* (JAMA Network), *JAMIA* (Oxford), *Journal of Academic Ethics* (Springer), *Journal of Biomedical Informatics* (Elsevier), *Journal of Biomedical Semantics* (BioMed Central), *Journal of Clinical Epidemiology* (Elsevier), *Journal of Data Science* (IOS Press), *GW Journal of Ethics in Publishing* (GWU), *Journal of Information Science* (Springer), *Journal of the Association for Information Science and Technology* (Wiley), *Journal of Clinical Epidemiology* (Elsevier), *Journal of Scholarly Publishing* (Toronto), *Journal of Web Semantics* (Wiley), *Literary and Linguistic Computing* (Oxford), *Methods of Information in Medicine* (Schattauer Publishers, Stuttgart), *NeuroImage* (Elsevier), *North American Actuarial Journal* (Taylor & Francis), *npj Digital Medicine* (Nature), *PLOS ONE* (PLOS), *Proceedings of the National Academy of Sciences* (National Academy of Sciences), *Quantitative Science Studies* (MIT Press), *Research Synthesis Methods* (Wiley), *Scientometrics* (Springer), *Social Media + Society Journal* (SAGE), *Social Network Analysis and Mining* (Springer), *The Computer Journal* (Oxford), *The Journal of Electronic Publishing* (University of Michigan Library), *Transactions on Emerging Topics in Computing* (IEEE), *Transactions on Internet Technology* (ACM)

Leadership Training

2023 Emerging Research Leaders Academy, University of Illinois Urbana-Champaign
2023 Women in STEM Leadership Program, Alan Alda Center for Communicating Science, Stonybrook University

Campus-level talks at University of Illinois at Urbana Champaign

2024 “Citation Integrity” with Halil Kilicoglu. Talk to Research and Innovation Network (RIN), Online, April 5
2023 “Citation Integrity” with Halil Kilicoglu. Talk to Responsible Conduct of Research series, Online, November 8
2022 “Misinformation in science and scholarship: Why do we keep citing retracted papers?” University of Illinois, Center for Advanced Study, March 30

Service for University of Illinois at Urbana Champaign

2022–23 Information Sciences Librarian Search Committee
2022–23 Planning committee, Illinois Health Data Analytics Summit
2022 Reviewer, University of Illinois National Center for Supercomputer Applications Fellowship Applications

2023 Reviewer, University of Illinois Cline Center Linowes Fellow nominations
2019, 2020, 2022, 2023 Reviewer, University of Illinois/OSF Hospital Jump ARCHES
Endowment
2018, 2019, 2021, 2023 Reviewer, University of Illinois Campus Research Board

Service for School of Information Sciences, University of Illinois at Urbana Champaign

2023–24 Master’s in Information Management Committee
2020–24 Faculty Senate
2022–23 Workforce Development/Continuing Education Committee
2020–22 Doctoral Studies Committee
2021, 2021–22 Specialized Faculty Search Committee
2020–21 Diversity 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)