

STAŠA MILOJEVIĆ

December 5, 2018

Associate Professor, School of Informatics, Computing and Engineering, Indiana University
Bloomington (IUB)

School of Informatics, Computing and Engineering
Informatics East 257
919 E 10th St.
Bloomington, IN 47408, USA
Phone: (812) 855-8695
E-mail: smilojev@indiana.edu

EDUCATION

Ph.D. Information Studies, University of California, Los Angeles, 2009

Master of Library and Information Science, Kent State University, Kent, Ohio, 2001

Bachelor of Arts in English Language and Literature, University of Belgrade, Serbia, 1994

RESEARCH AREAS

Science of science: Sociology of science; Computational social science

ACADEMIC APPOINTMENTS

Associate Professor, School of Informatics, Computing, and Engineering, Indiana University,
Bloomington, July 2015-present

Core Faculty of Cognitive Science, Indiana University, Bloomington, December 2013-present

Fellow, Rob Kling Center for Social Informatics, Indiana University, Bloomington, November
2012-present

Program Director, Master of Library Science, Indiana University, Bloomington, January 2015-July
2015

Assistant Professor, School of Informatics and Computing, Indiana University, Bloomington,
August 2009-June 2015

Graduate Student Researcher, UCLA Department of Information Studies, 2008-2009
Encyclopedia of Library and Information Science, 3rd ed. (assistant to the editor)

Special reader, Department of Information Studies, UCLA, 2005-2008

Graduate Student Researcher, UCLA Department of Information Studies, 2003-2004. Center for
Embedded Networked Sensing (CENS)

PUBLICATIONS AND PRESENTATIONS

Edited Journal Issues

Börner, K., Edmonds, B., Milojević, S., & Scharnhorst, A. (Eds.). (2016). Simulating the processes of science, technology, and innovation. *Scientometrics*.

Journal Articles (Peer-reviewed)

Bar-Ilan, J., Halevi, G., & Milojević, S. (in press). Differences between altmetric data sources – A case study. *Journal of Altmetrics*.

Milojević, S., Radicchi, F., & Walsh, J. P. (in press). The changing demographics of scientific careers: The rise of the temporary workforce. *Proceedings of the National Academy of Sciences (PNAS)*.

Fortunato, S., Bergstrom, C. T., Börner, K., Evans, J. A., Helbing, D., Milojević, S., Petersen, A. M., Radicchi, F., Sinatra, R., Uzzi, B., Vespignani, A., Waltman, L., Wang, D., & Barabási, A-L. (2018). Science of science. *Science*, 359(6379), eaao0185.

Iacopini, I., Milojević, S., & Latora, V. (2018). Network dynamics of innovation processes. *Physical Review Letters*, 120(4), 048301.

Milojević, S. (2017). The length and semantic structure of article titles – Evolving disciplinary practices and correlations with impact. *Frontiers in Research Metrics and Analytics*, 2(2). doi: 10.3389/frma.2017.00002.

Milojević, S., Radicchi, F., & Bar-Ilan, J. (2017). Citation success index – An intuitive pair-wise journal comparison metric. *Journal of Informetrics*, 11(1), 223-231.

Jensen, S., Liu, X., Yu, Y., & Milojević, S. (2016). Generation of topic evolution trees from heterogeneous bibliographic networks. *Journal of Informetrics*, 10(2), 606-621.

Leydesdorff, L., Bornmann, L., Comins, J., & Milojević, S. (2016). Citations: Indicators of quality? The impact fallacy. *Frontiers in Research Metrics and Analytics*, 1(1). doi: 10.3389/frma.2016.00001

Milojević, S. (2016). Revisiting the connection between Solar eruptions and primary headaches and migraines using Twitter. *Scientific Reports*, 6, 39769.

Sugimoto, C. R., Sugimoto, T. J., Tsou, A., Milojević, S., & Larivière, V. (2016). Age stratification and cohort effects in scholarly communication: A study of social sciences. *Scientometrics*, 109(2), 997-1016.

- Hu, B., Dong, X., Zhang, C., Bowman, T.D., Ding, Y., Yan, E., Milojević, S., Ni, C., & Larivière, V. (2015). A lead-lag analysis of the topic evaluation patterns for preprints and publications. *Journal of the Association for Information Science and Technology*, 66(12), 2643-2656.
- Milojević, S. (2015). Quantifying the cognitive extent of science. *Journal of Informetrics*, 9(4), 962–973.
- Larivière, V., Sugimoto, C.R., Macaluso, B., Milojević, S., Cronin, B., & Thelwall, M. (2014). arXiv e-prints and the journal of record: An analysis of roles and relationships. *Journal of the Association for Information Science and Technology*, 65(6), 1157-1169.
- Leydesdorff, L., Bornmann, L., Marx, W., & Milojević, S. (2014). Referenced Publication Years Spectroscopy applied to iMetrics: Scientometrics, Journal of Informetrics, and a relevant subset of JASIST. *Journal of Informetrics*, 8(1), 162-174.
- Milojević, S. (2014). Principles of scientific research team formation and evolution. *Proceedings of the National Academy of Sciences (PNAS)*, 111(11), 3984-3989.
- Milojević, S., Sugimoto, C. R., Larivière, V., Thelwall, M., & Ding, Y. (2014). The role of handbooks in knowledge creation and diffusion: A case of science and technology studies. *Journal of Informetrics*, 8(3), 693–709.
- Milojević, S. (2013). Accuracy of simple, initials-based methods for author name disambiguation. *Journal of Informetrics*, 7(4), 767-773.
- Milojević, S. (2013). Different traditions in the study of disciplinarity in science – science and technology studies, library and information science and scientometrics. *Information Research*, 18(3), paper C34.
- Milojević, S., & Leydesdorff, L. (2013). Information metrics (iMetrics): A research specialty with a socio-cognitive identity? *Scientometrics*, 95(1), 141-157.
- Milojević, S., & Šabanović, S. (2013). Conceptual foundations for representing robotics history in a non-linear digital archive. *Library Hi Tech*, 31(2), 341-354.
- Sun, X., Kaur, J., Milojević, S., Flammini, A., & Menczer, F. (2013). Social dynamics of science. *Scientific Reports*, 3, 1069.
- Zhang, G., Ding, Y., & Milojević, S. (2013). Citation content analysis (CCA): A framework for syntactic and semantic analysis of citation content. *Journal of the American Society for Information Science and Technology*, 64(7), 1490-1503.
- Milojević, S. (2012). How are academic age, productivity and collaboration related to citing behavior of researchers? *PLoS ONE*, 7(11), e49176.
- Milojević, S. (2012). Multidisciplinary cognitive content of nanoscience and nanotechnology. *Journal of Nanoparticle Research*, 14(1), 1-28.

- Yan, E., Ding, Y., Milojević, S., & Sugimoto, C.R. (2012). Topics in dynamic research communities: An exploratory study for the field of information retrieval. *Journal of Informetrics*, 6(1), 140-153.
- Francisco, M., Milojević, S., & Šabanović, S. (2011). Conference models to bridge micro and macro studies of science. *JASSS - Journal of Artificial Societies and Social Simulation*, 14(4), 13.
- Milojević, S., Sugimoto, C.R., Yan, E., & Ding, Y. (2011). The cognitive structure of library and information science: Analysis of article title words. *Journal of the American Society for Information Science and Technology*, 62(10), 1933-1953.
- Ding, Y., Jacob, E., Fried, M., Toma, I., Yan, E., Foo, S., & Milojević, S. (2010). Upper Tag Ontology (UTO) for integrating social tagging data. *Journal of the American Society for Information Science and Technology*, 61(3), 505-521.
- Milojević, S. (2010). Modes of collaboration in modern science: Beyond power laws and preferential attachment. *Journal of the American Society for Information Science and Technology*, 61(7), 1410-1423.
- Milojević, S. (2010). Power-law distributions in information science: Making the case for logarithmic binning. *Journal of the American Society for Information Science and Technology*, 61(12), 2417-2425.

Book Chapters and Encyclopedia Entries (Refereed)

- Börner, K., & Milojević, S. (Accepted). Science forecasts: Modeling and communicating developments in Science, Technology, and Innovation. In W. Glaenzel, H.F. Moed, U. Schmoch, & M. Thelwall (Eds.), *Springer Handbook of Science and Technology Indicators*. Berlin: Springer.
- Wyatt, S., Milojević, S., Park, H. W., & Leydesdorff, L. (2017). The intellectual and practical contributions of Scientometrics to STS. In U. Felt, R. Fouché, C. Miller & L. Smith-Doerr (Eds.), *Handbook of science and technology studies* (4th edition). Boston, MA: MIT Press.
- Leydesdorff, L., & Milojević, S. (2015). Scientometrics. In J. D. Wright, M. Lynch et al. (Eds.), *The international encyclopedia of social and behavioral sciences*, Section 8.5: Science and Technology Studies, Subsection 85030, 2nd ed. Oxford: Elsevier.
- Milojević, S. (2014). Network analysis and indicators. In Y. Ding, R. Rousseau, & D. Wolfram (Eds.), *Measuring scholarly impact - methods and practice* (pp. 57-82). Berlin: Springer.
- Börner, K., Boyack, K.W., Milojević, S., & Morris, S. (2012). An introduction to modeling science: Basic model types, key definitions, and a general framework for comparison of process models. In A. Scharnhorst, K. Börner, & P. van den Besselaar (Eds.), *Models of science dynamics: Encounters between complexity theory and information sciences* (pp. 3-22). Berlin: Springer.

Toma, I., Caverlee, J., Ding, Y., Jacob, E.K., Yan, E., & Milojević, S. (2011). Social networks and semantics. In P. Papadopoulou, P. Kanellis, & D. Martakos (Eds.) *Social computing theory and practice: Interdisciplinary approaches* (pp. 155-196). Hershey, PA: Information Science Research.

Milojević, S. (2010). Serbia: Libraries, archives and museums. In M. Bates & M. N. Maack (Eds.) *Encyclopedia of library and information science*, 3rd edition.

Book reviews (Refereed)

Milojević, S. (2007). Review: *The access principle: The case for open access to research and scholarship* by John Willinsky. *InterActions: UCLA Journal of Education and Information Studies*, 3(1), Article 11.

Refereed Conference Papers, Presentations, Posters, and Panels

Bar-Ilan, J., Haustein, S., Wolfram, D., Milojević, S., & Peters, I. (2018). Peer review, bibliometrics and altmetrics – Do we need them all?. *ASIST Annual Meeting* (Panel) – Vancouver, Canada.

Chen, W-C & Milojević, S. (2018). Interaction or segregation: Vaccination and information sharing on Twitter. *The 21st ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2018)* (Poster) – New York, NY.

Iacopini, I., Milojević, S., & Latora, V. (2018). Network dynamics of innovation processes. *NetSci 2018* – Paris, France.

Iacopini, I., Milojević, S., & Latora, V. (2018). Network dynamics of innovation processes. *BIFI International Conference 2018 "Complexity, Networks and Collective Behavior"* – Zaragoza, Spain.

Milojević, S., Radicchi, F., & Walsh, J.P. (2017). Team composition and the pace of science: An ecological perspective. *The LEI-BRICK Workshop "The Organization, Economics and Policy of Scientific Research"* – Turin, Italy.

Börner, K. & Milojević, S. (2016). Modeling science, technology, innovation. *OECD Blue Sky Forum "Informing Science and Innovation Policies: Towards the Next Generation of Data and Indicators"* – Ghent, Belgium.

Leydesdorff, L., Bornmann, L., Comins, J., & Milojević, S. (2016). Citations as currency and concept symbols: The "impact fallacy." *International Conference on Science and Technology Indicators (STI 2016)* – Valencia, Spain.

Sun, X., Kaur, J., Milojević, S., Flammini, A., & Menczer, F. (2016). Social dynamics of science. *International Symposium on Science of Science* – Washington, DC.

- Bar-Ilan, J., Bowman, T.D., Haustein, S., Milojević, S., Peters, I. (2015). Self-presentation in academia today: From peer-reviewed publications to social media. *ASIST Annual Meeting* (Panel) – St. Louis, MO.
- Guo, C., Milojević, S., Liu, X. (2015). How are academic articles cited over time? *iConference 2015* (Poster).– Newport Beach, CA.
- Leydesdorff, L. & Milojević, S. (2015). The citation impact of German sociology journals and the validity of scientometric evaluations. *4S*, Denver, CO.
- Milojević, S. (2015). Quantifying the Knowledge Domain of Science. *Computational Social Science Summit 2015* (Paper Presentation) – Evanston, IL.
- Milojević, S. (2015). Sizes of research teams and the growth of knowledge. *Science of Team Science Conference* (Paper Presentation) – Bethesda, MD.
- Chambers, T., Milojević, S., & Ding, Y. (2014). Female Semantic Web researchers: Does collaboration with male researchers influence their network status? *Web Science 2014* (Poster) – Bloomington, IN.
- Milojević, S. (2014). Principles of scientific team formation and evolution. *Science of Team Science Conference* (Paper Presentation) - Austin, TX.
- Adler, M., Milojević, S., Rogers, C., Tennis, J., van Hooland, S., & West, J.D. (2013). The temporal dimension in the study of knowledge bases: Approaches to understanding knowledge creation and representation over time. *Annual Meeting of the Association for Information Science and Technology (ASIST 2013)* (Panel) – Montreal, Canada.
- Ding, Y., Yan, E., Sugimoto, C.R., & Milojević, S. (2013). Lead-lag topic analysis: e-prints vs. journal articles in astrophysics. *Proceedings of the International Society for Scientometrics and Informetrics conference* – Vienna, Austria. (short paper)
- Kaur, J., Sun, X., Milojević, S., Flammini, A., & Menczer, F. (2013). Social dynamics and emergence of scientific disciplines. *COVENANT 2013 workshop – ECCS (European Conference on Complex Systems)* (Presentation) – Barcelona, Spain.
- Larivière, V., Macaluso, B., Sugimoto, C.R., Milojević, S., Cronin, B., & Thelwall, M. (2013). The nuanced nature of e-print use: A case study of arXiv. *Proceedings of the International Society for Scientometrics and Informetrics conference* – Vienna, Austria. (full paper)
- Milojević, S. (2013). Different traditions in the study of disciplinarity in science – STS, LIS and scientometrics. *The Conceptions of Library and Information Science (CoLIS) 8* – Copenhagen, Denmark. [**Note:** this paper is the one published in *Information Research*]
- Milojević, S. (2013). Using title words to measure cognitive domains of disciplines. *iConference 2013 Workshop: Computational Scientometrics: Theory and Applications* – Fort Worth, TX. (short paper)

- Milojević, S. & Šabanović, S. (2013). Robotics narratives and networks: Conceptual foundations for a non-linear digital archive. *Proceedings of iConference 2013* – Fort Worth, TX. [Note: this paper is the one published in *Library Hi Tech*]
- Milojević, S., Sugimoto, C.R., Larivière, V., Thelwall, M., & Ding, Y. (2013). The role of handbooks in the knowledge creation and diffusion: A case of science studies. *Annual Meeting of the Association for Information Science and Technology (ASIST 2013) Workshop: Metrics 2013 – Symposium on Informetric and Scientometric Research* (Presentation) – Montreal, Canada.
- Milojević, S., Sun, X., Kaur, J., Flammini, A., & Menczer, F. (2013). Social dynamics of science. *Science of Team Science Conference* (Paper Presentation) - Evanston, IL.
- Sugimoto, C.R., Milojević, S., Tsou, A., & Ding, Y. (2013). Career aging and cohort succession in the scholarly activities of sociologists: A preliminary analysis. *Proceedings of the International Society for Scientometrics and Informetrics conference* – Vienna, Austria. (short paper)
- Bar-Ilan, J., Bollen, J., Levitt, J., Milojević, S., Priem, J., & Wolfram, D. (2012). Emerging Web metrics of scholarship: Future or Fad? *iConference* (Panel) – Toronto, Canada.
- Larivière, V., Macaluso, B., Milojević, S., Sugimoto, C.R., & Thelwall, M. (2012). Of caterpillars and butterflies: The life and afterlife of an arXiv e-print. *altmetrics12 - an ACM Web Science Conference workshop* (Presentation) - Evanston, IL.
- Larivière, V., Macaluso, B., Milojević, S., Sugimoto, C.R., & Thelwall, M. (2012). On the scientific impact of ArXiv: A case study of astrophysics. *Annual Meeting of the American Society for Information Science and Technology (ASIST 2012) Workshop: Metrics 2012 – Symposium on Informetric and Scientometric Research* (Presentation) – Baltimore, MD.
- Milojević, S. (2012). Cognitive domains of disciplines - a new method for measuring domain's size and evolution. *Annual Meeting of the American Society for Information Science and Technology (ASIST 2012) Workshop: Metrics 2012 – Symposium on Informetric and Scientometric Research* (Presentation) – Baltimore, MD.
- Milojević, S. (2012). Towards a more realistic scientific collaboration network. *NetScience 2012* (Poster) – Evanston, IL.
- Milojević, S., Chen, C., Hemminger, B.M., Leydesdorff, L., Priem, J., & Weingart, S.B. (2012). Information visualization state of the art and future directions. *Annual Meeting of the American Society for Information Science and Technology (ASIST 2012)* (Panel) – Baltimore, MD.
- Sugimoto, C.R., Ding, Y., Lariviere, V., Milojević, S., & Thelwall, M. (2012). Re-examining scholarly communication through the lens of digital datasets. *Oxford Internet Institute symposium on Interdisciplinary Insights on the Social Science of Digital Research* (Presentation) – Oxford, Great Britain.
- Milojević, S. (2011). Citation practices in the field of Library and Information Science. *Annual Meeting of the American Society for Information Science and Technology (ASIST 2011)*

Workshop: Metrics 2011 – Symposium on Informetric and Scientometric Research
(Presentation) – New Orleans, LA.

Milojević, S., Šabanović, S., Sugimoto, C., Edwards, P., Hakken, D., & Knobel, C. (2011). iSchools as bridges between scientometrics and STS. *iConference* (Roundtable) – Seattle, WA.

Ding, Y., Sun, Y., Chen, B., Börner, K., Ding, L., Wild, D., Wu, M., DiFranzo, D., Fuenzalida, A. G., Li, D., Milojević, S., Chen, S., Sankaranarayanan, M., & Toma, I. (2010). Semantic Web Portal: A platform for better browsing and visualizing semantic data. *Proceedings of the 2010 International Conference On Active Media Technology (AMT2010), Lecture Notes in Artificial Intelligence (LNAI)*, Springer – Toronto, Canada.

He, B., Ding, Y., Milojević, S., & Jacob, E. (2010). A comparative analysis of user-generated and author-generated metadata for web resources. *Annual Meeting of the American Society for Information Science and Technology (ASIST 2010)* (Poster) – Pittsburgh, PA.

Li, D., Ding, Y., Qin, Z., Milojević, S., He, B., Yan, E., & Dong, T. (2010). Dynamic features of social tagging vocabulary: Delicious, Flickr and YouTube. *The 2010 International Conference on Advances in Social Network Analysis and Mining (ASONAM)* – Odense, Denmark.

Milojević, S. (2010). Studying interdisciplinarity and transdisciplinarity at the subfield level: The case of nanotechnology. *Science of Team Science Conference* (Poster) – Chicago, IL.

Milojević, S., Yan, E., & Ding, Y. (2010). Social and cognitive structure of library and information science: A historical overview. *The Conceptions of Library and Information Science (CoLIS) 7* – London, Great Britain.

Milojević, S. (2009). Evolution of the social structure of nanotechnology. *iConference* (Poster)– Chapel Hill, NC.

Milojević, S. (2009). Small world of nanoscience: Structural parameters of coauthorship networks. *Association for Library and Information Science Education (ALISE) Conference* (Poster) – Denver, CO. [2nd place in 2009 Alise/Jean Tague Sutcliffe Doctoral Student Research Poster Competition]

Milojević, S. (2007). Big science, nano science? Mixed method approach to mapping the evolution and structure of nanotechnology. *Information Research*, **12**(4). [Available at <http://InformationR.net/ir/12-4/colis/colisp09.html>; poster presented at the Conceptions of Library and Information Science (CoLIS) conference – Borås, Sweden]

Wallis, J. C., Milojević, S., Borgman, C. L., & Sandoval, W. A. (2006). The special case of scientific data sharing with education. *Proceedings of the Annual Meeting of the American Society for Information Science & Technology* – Austin, TX.

Conference and Workshop Presentations

- Milojević, S. Radicchi, F., & Walsh, J.P. (2017, September). The pace of science: An ecological perspective. *Society for Social Studies of Science (4S) Conference* (Presentation) – Boston, MA.
- Milojević, S. (2016, November). Citation benefit – A journal comparison metric based on full citation distributions. *Web of Science as a Research Dataset Workshop* (Presentation) – Bloomington, IN.
- Milojević, S. (2016, May). The role of small teams in big science era. *Modeling Science, Technology & Innovation Conference* (Paper Presentation) – Washington, DC.
- Milojević, S. (2014, June). Evolution of research team sizes and the modes of knowledge production. *The web of scientific knowledge: Current trends and future perspectives in the big data era workshop – Web Science 2014* (Presentation) - Bloomington, IN.
- Asaro, P., Šabanović, S., Milojević, S., & Ansari, S. (2013, November). Communicating the history of robotics through the voices of roboticists: the oral history of robotics project. *Understanding robotics and public opinion: Best practices in public science communication and online dissemination workshop – IROS 2013* (Presentation) – Tokyo, Japan.
- Šabanović, S., Asaro, P., & Milojević, S. (2011, November). 50 years of robotics through narratives and networks. *The International Network for Engineering Studies (INES)/The Prometheans special interest group in the Society for the History of Technology (SHOT) joint workshop* (Presentation) – Cleveland, OH.
- Milojević, S. (2011, August). Title words and cognitive/epistemic structure of science. *Workshop on Science Metrics, Classifications, and Mapping Standards* (Presentation) – Bloomington, IN.
- Milojević, S. (2010, October). Modes of collaboration in modern science. *Workshop on Modeling Knowledge Dynamics* (Presentation) – Amsterdam, Netherlands.
- Milojević, S. (2010, July). Using subfields to study social structures of modern scientific fields: The case of nanotechnology. *The International Sunbelt Social Network Conference XXX* (Presentation) – Trento, Italy.
- Milojević, S. (2009, March). Preferential attachment in the evolution of the network of scientific collaboration in nanotechnology. *The International Sunbelt Social Network Conference XXIX* (Presentation) – San Diego, CA.
- Milojević, S. (2008, May). Growth of nanoscience: Structural parameters of coauthorship networks. *The NanoBank Research Conference* (Poster) – Cambridge, MA.
- Milojević, S. (2008, January). Big science, nano science? Mixed method approach to mapping the evolution and structure of nanotechnology. *Association for Library and Information Science Education (ALISE) Conference* (Work-in-Progress Poster) – Philadelphia, PA.

Milojević, S. (2007, October). Do STS and IS provide compatible theories and methods for the study of scientific disciplines? *Society for Social Studies of Science (4S) Conference* (Presentation) – Montreal, Canada.

Milojević, S. (2007, January). The quest for librarian's self-knowledge: Jesse H. Shera a historian. *Association for Library and Information Science Education (ALISE) Conference* (Panel Presentation) – Seattle, WA.

Invited talks

"The Changing Demographics of Scientific Careers: The Rise of the Temporary Workforce." National Center for Science and Engineering Statistics, National Science Foundation, Alexandria, VA, August 22, 2018.

"Science of science." Bibliometrics and Research Assessment Symposium 2018, National Institutes of Health, Bethesda, MD, August 20-21, 2018.

"Science of science." Xi'an Jiaotong University, Xi'an, China, June 18, 2018.

"Science of science." The 1st International Symposium on Big Data and Philosophy of the Social Sciences, Baoding, China, June 15-16, 2018.

"Dynamics of academic workforce: Production and attrition of researchers and outcomes for science as a whole." Arthur M. Sackler Colloquium of the National Academy of Sciences "Modeling and Visualizing Science and Technology Development, Irvine, CA, December 4, 2017.

"Twitter as a health-study platform - a case of Geomagnetic storms and migraines." The Northwestern University Media, Technology & Society (MTS) Speaker Series, Northwestern University, Evanston, IL, October 2, 2017.

"Scientific teams and the production of knowledge." 8th Conference on Complex Networks (CompleNet'17), Dubrovnik, Croatia, March 23, 2017.

"A new indicator of knowledge diversity." NSF-NCSSES Expert Panel on Network Analyses as Indicators of Science and Engineering Activity. George Washington University, Washington DC, December 14, 2016.

"Harnessing the power of words to understand science." The Georgia Institute of Technology's School of Public Policy, Atlanta, GA, December 2, 2016.

"Dynamics of large science collaborations." The Large Synoptic Survey Telescope (LSST) 2016 Project and Community Workshop, Tucson, AZ, August 18, 2016.

"Intellectual diversity of scientific disciplines and research teams." Network Science Talks, Indiana University, Bloomington, IN, March 9, 2015.

"Astronomy as a scientific field: Social and cognitive practices and their evolution." Department of Astronomy Colloquium Series, Department of Astronomy, Indiana University, Bloomington, IN, October 28, 2014.

"Scientific teams: their formation, size evolution and the modes of knowledge production." Wednesdays@NICO Seminar, Northwestern Institute on Complex Systems, Northwestern University, Evanston, IL, May 14, 2014.

"Information education" (Invited Panelist) Indiana University Bloomington American Library Association Student Chapter Speaker Series: Bloomington, IN, April 15, 2014.

"Science through documents" (Invited Presentation) Center of Excellence for Women in Technology (CEWiT) Faculty Salon: Bloomington, IN, March 26, 2014.

"Measuring interdisciplinarity" (Invited Presentation) iConference14 Workshop Interdisciplinary Practices in iSchools: Berlin, Germany, March 4, 2014.

"Harnessing the power of words to understand science." Rob Kling Center for Social Informatics Speaker Series: Bloomington, IN, January 31, 2014.

Faculty panel on "Open Access" Indiana University Libraries (Invited Panelist): Bloomington, IN, October, 21, 2013.

"How are academic age, productivity and collaboration related to citing behavior of researchers?" SLIS Research Brownbag: Bloomington, IN, October 17, 2012.

"Interdisciplinarity." Workshop for Department Chairs and Academic Associate Deans on Revised Campus Guidelines for Promotion and Tenure Reviews (Invited Presentation) – Bloomington, IN, August 15, 2012.

"Citation practices in the field of library and information science." SLIS Research Brownbag: Bloomington, IN, November 30, 2011.

Modeling and Mapping Science Workshop Panel (Invited Panelist) - Bloomington, IN, March 21, 2011.

"Power-law distributions in information science: Making the case for logarithmic binning." SLIS Research Brownbag: Bloomington, IN, November 10, 2010.

"Emergence and growth of nanoscience: Study of large-scale coauthorship networks." SLIS: Bloomington, IN, April 2, 2009.

"Emergence and growth of nanoscience: Study of large-scale coauthorship networks". Faculty of Information & Media Studies at University of Western Ontario: London, Canada, March 9, 2009.

"Emergence and growth of nanoscience: Study of large-scale coauthorship networks." School of Information Sciences University of Pittsburgh: Pittsburgh: PA, February 19, 2009.

“Emergence and growth of nanoscience: Study of large-scale coauthorship networks.” The iSchool at Drexel: Philadelphia, PA, February 12, 2009.

“Jesse H. Shera: A historian of librarianship.” Doctoral Student Forum, 2005-06 UCLA Information Studies Colloquium Series (Paper Presentation) – Los Angeles, CA, January 12, 2006.

“Data management for CENS: Bridging multiple communities.” CENS Technical Seminar Series (Invited Speaker) – Los Angeles, CA, June 4, 2004.

Publications, other

Börner, K., Edmonds, B., Milojević, S., & Scharnhorst, A. (2016). Editorial. *Scientometrics*.

Börner, K., & Milojević, S. (2016). Modeling science, technology and innovation. NSF conference report, Indiana University.

Leydesdorff, L., & Milojević, S. (2015). The citation impact of German sociology journals: Some problems with the use of scientometric indicators in journal and research evaluations. *Soziale Welt-Zeitschrift für Sozialwissenschaftliche Forschung und Praxis*, 66, 193-204. [Invited paper]

Šabanović, S., Milojević, S., Kaur, J., Francisco, M., & Asaro, P. (2015). Robotics narratives and networks: Fifty years building a community. *IEEE Robotics & Automation Magazine*, 22(1), 137-146. [Invited paper]

Šabanović, S., Milojević, S., Kaur, J., Francisco, M., & Asaro, P. (2014). Raymond Jarvis. *IEEE Robotics & Automation Magazine*, 21(4), 120-126. [Invited paper]

Milojević, S., Šabanović, S., & Kaur, J. (2013). Miomir Vukobratović. *IEEE Robotics & Automation Magazine*, 20(2), 112-122. [Invited paper]

Ballard, L.A., Šabanović, S., Kaur, J., & Milojević, S. (2012). George Charles Devol, Jr. *IEEE Robotics & Automation Magazine*, 19(3), 114-119. [Invited paper]

Milojević, S. & Sugimoto, C.R. (2012). Introduction. *The Bulletin of the American Society for Information Science and Technology*, special section “Metrics & ASIS&T”. (August/September).

Šabanović, S., Milojević, S., & Kaur, J. (2012). John McCarthy. *IEEE Robotics & Automation Magazine*, 19(4), 99-106. [Invited paper]

OTHER SCHOLARLY ACTIVITIES

The HathiTrust Research Center UnCamp (Attendee) – Bloomington, IN, September 10, 2012

Digital Social Research Forum (Participant) – Oxford Internet Institute, Oxford, March 13, 2012

Workshop on Science Metrics, Classifications, and Mapping Standards (Invited Participant) –
Bloomington, IN, August 11-12, 2011

NSF Workshop on Scholarly Evaluation Metrics: Opportunities and Challenges (Attendee) –
Washington, D.C., December 16, 2009

iConference 2009 Doctoral Colloquium (Selected to Participate) – University of North Carolina,
Chapel Hill, February 8, 2009

NBER Conference on Emerging Industries: Nanotechnology and Nanoindicators (Participant) –
Cambridge, MA, May 1-2, 2008

Sixth International Conference on Conceptions of Library and Information Science (CoLIS 6)
Doctoral Forum (Selected to Participate) – Boras, Sweden, August 13, 2007

International Society for Scientometrics and Informetrics (ISSI) Doctoral Forum (Selected to
Participate) – Madrid, Spain, June 24, 2007

California Institute for Telecommunications and Information Technology (CALIT2) Second Annual
Graduate Student Forum on the social aspects of science (Participant) – University of
California, Irvine, March 10, 2006

The Knowledge Network for Biocomplexity (KNB) and Science Environment for Ecological
Knowledge (SEEK) Data Management Tools Workshop (Participant) – University of California
at Santa Barbara, September 28-30, 2004

FUNDED RESEARCH

Current

Completed

Network data analytics for predicting the emergence of science & Technology Fields

\$133,583 provided by U.S. Navy

Role: Co-Principal Investigator (with PI Filippo Menczer (IU) and Co-PIs Alessandro Flammini and Santo Fortunato (IU))

Dates: August 2017 – September 2018.

EAGER: Collaborative research: Structural characteristics and the pace of scientific advance

\$93,562 provided by National Science Foundation (NSF) (IU part is \$58,246)

Role: Principal investigator (with Co-PI Filippo Radicchi (IU) and Co-PI John Walsh (Georgia Tech))

Dates: September 2016 – August 2018.

SciSIP Agenda Setting Conference on Modelling Science, Technology, and Innovation.

\$48,750 provided by National Science Foundation (NSF)
Role: Co-principal investigator (with PI Katy Börner (IU)).
Dates: September 2015 – August 2016.

Incubators of knowledge: Predicting protégé productivity and impact in the social sciences.
\$240,197 provided by the National Science Foundation (NSF)
Role: Co-Principal Investigator (with PI Cassidy R. Sugimoto (IU) and Co-PI Ying Ding (IU)).
Dates: August 2012 – July 2014

Cascades, islands, or streams? Time, topic, and scholarly activities in humanities and social science research.
\$124,927 (of approximately \$460,000 for all three international partners) provided by the National Science Foundation (NSF) (funding for the UK and Canada portion provided by JISC and SSHRC)
Role: Co-Principal Investigator (with PI Cassidy R. Sugimoto and Co-PI Ying Ding (USA), PI Mike Thelwall (UK), and PI Vincent Lariviere (CAN))
Dates: February 2012-January 2014

Digital video navigation and archival content management tools for non-linear oral history narratives.
\$49,986 provided by the National Endowment for the Humanities (NEH)
Role: Co-Principal Investigator (with PI Peter Asaro (The New School University) and Co-PI Selma Šabanović (IU))
Dates: June 2012 – December 2013

Fifty years of robotics history.
\$89,896 provided by the Institute for Electrical and Electronics Engineers (IEEE)
Role: Co-Principal Investigator (with PI Selma Šabanović (IU), and Co-PIs Peter Asaro (The New School University), Peter Corke (Queensland University of Technology), and Oussama Khatib (Stanford University)).
Dates: January 2011 – December 2013

TEACHING

Courses taught

Representation and Organization (graduate course) (Fall 2009, Spring 2010, Fall 2010, Spring 2011)
Information Architecture (graduate course) (Spring 2010, Fall 2010, Spring 2011, Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Fall 2016)
Information Networks (graduate course) (Fall 2011, Fall 2012, Fall 2013)
Indexing (graduate course) (Spring 2013, Spring 2014)
User Services and Tools (graduate course) (Fall 2014, Fall 2015)
Information Analytics (graduate course) (Spring 2016, Fall 2016)
Information Architecture in Practice (graduate course) (Spring 2016)
Storytelling with Data (undergraduate course) (Spring 2017, Spring 2018)
Math Foundations of Informatics (undergraduate course) (Fall 2017, Spring 2018)
Data Fluency (undergraduate course) (Spring 2019)

Guest lectures

- “Science of science” in I501 Intro to Informatics, Dr. Johan Bollen, Fall 2018
- “Twitter as a health study platform” in I407/I507 Introduction to Health Informatics, Dr. Kay Connelly, Fall 2017, Fall 2018
- “Science of science” in I400/I590 Collective Intelligence, Dr. Johan Bollen, Fall 2015
- “Scholarly communication and bibliometrics” in Z701 Introduction to Doctoral Research in Information Science, Dr. Howard Rosenbaum & Dr. Pnina Fichman, IUB, Fall 2015
- “Science of science” in Z701 Introduction to Doctoral Research in Information Science, Dr. Howard Rosenbaum & Dr. Pnina Fichman, IUB, Fall 2015
- “Computational scientometrics” in Z701 Introduction to Doctoral Research in Information Science, Dr. Ying Ding, IUB, Fall 2014
- “Computational scientometrics” in Z701 Introduction to Doctoral Research in Information Science, Dr. Ying Ding, IUB, Fall 2013
- “Network analysis” in S701 Introduction to Doctoral Research in Information Science, Dr. Ying Ding, IUB, Fall 2012
- “Network analysis” in S701 Introduction to Doctoral Research in Information Science, Dr. Howard Rosenbaum, IUB, Fall 2011
- “Bibliometrics and citation analysis in humanities” in S521 Humanities Information, Dr. Ron Day, IUB, Fall 2010
- “Fundamentals of information retrieval” in S701 Introduction to Doctoral Research in Information Science, Dr. Elin Jacob, IUB, Fall 2010
- “The research process: Methods and evidence” in S701 Introduction to Doctoral Research in Information Science, Dr. Elin Jacob, IUB, Fall 2010
- “Network analysis” in S701 Introduction to Doctoral Research in Information Science, Dr. Elin Jacob, IUB, Fall 2010
- “The research process: Methods and evidence” in S701 Introduction to Doctoral Research in Information Science, Dr. Elin Jacob, IUB, Fall 2009
- “Collaboration and coauthorship” in IS208 Scholarly Communication and Bibliometrics, Dr. Jonathan Furner, UCLA, February 2009
- “Jesse Shera: A historian of librarianship” in IS281 Historical Methodology in Information Studies, Dr. Mary Niles Maack, UCLA, April 2008
- “Scientific records and OAIS model” in IS240 Electronic Records, Dr. Jean-François Blanchette, UCLA, November 2007
- “Jesse Shera as a historian” in IS281 Historical Methodology in Information Studies, Dr. Mary Niles Maack, UCLA, February 2007
- “Scientific records and OAIS model” in IS240 Electronic Records, Dr. Jean-François Blanchette, UCLA, April 2006
- “Standards and metadata” in IS270 Introduction to Information Technologies, Dr. Jean-François Blanchette, UCLA, February 2006

Independent studies/Student projects/Directed readings

- Clinton McKay: Robots and society (Spring 2016)
- Wei-Chu Chen: Exploring the filter bubble in health communication (Fall 2015)
- Chenwei Zhang: Information networks (Fall 2015)
- Wei-Chu Chen: Social media research: data, theories, and methods used (Spring 2015)
- Hsiao-Wen Wu: Information architecture and interaction design (Spring 2015)
- Shivika Thapar: Information architecture and interaction design (Spring 2015)

Nipurn Doshi: Information architecture and interaction design (Spring 2015)
 Jean Bevins: Information architecture and interaction design (Spring 2015)
 Joyce Bevins: Information architecture and interaction design (Spring 2015)
 Fiath Bradham: TEI and the TEI Guidelines for Victorian Women Writers Project (Spring 2015)
 Kristopher Rutherford: Data mining interview transcripts covering the field of robotics (Spring 2015)
 Clinton McKay: Teaching IT and front-end programming at iSchools (Spring 2015)
 Chun Guo: Citation of academic articles over time (Fall 2014)
 Delainey Bowers: Oral histories of female race car drivers in Bloomington (Fall 2014)
 Meghan McGrath: Information architecture (Summer 2014)
 Bradford Demarest: ILS discourse on technology (Spring 2014)
 Laura Manifold: So you think you can graph? Data literacy for information professionals (Spring 2014)
 Margaret Janz: The role of libraries in data management at zoological parks (Spring 2013)
 Gerry Alvarez: E-commerce website redesign (Spring 2013)
 Scott Weingart: Visualization – state of the art and future directions (Fall 2012)
 Tamy A. Chambers: Thesaurus and name authority for the novels by Gail Carriger (Summer 2012)
 Wei-Chu Chen: Development of robotics at Stanford (Spring 2012)
 David D. Wright: Digitizing public library collections (Spring 2012)
 Elsa Alvaro: Retracting scientific papers (Spring 2012)
 Scott Weingart: Citing Kuhn’s Structure of Scientific Revolutions (Fall 2011)
 Christina Lirot: Social network analysis/structures (Spring 2011)
 Chaoqun Ni: Studying social structure of Library and Information Science using network analysis (Fall 2010)
 Chiayi Tsui: Classification of ethnic groups (Summer 2010)
 Erjia Yan: Detecting the dynamics of research fields through networks (Spring 2010)
 Angela Zoss: Scholarly communication and bibliometrics (Spring 2010)
 Bing He: Social tagging systems and social network analysis (Spring 2010)
 Bing He: Network analysis of tagging behavior in social networking sites (Spring 2010)

Doctoral committee membership (current)

Gary Arave, School of Informatics and Computing, Indiana University (research committee)
 Alexander TJ Barron, School of Informatics and Computing, Indiana University (advisory committee)
 Pei-Ying Chen, School of Informatics and Computing, Indiana University (advisory committee)
 Wei-Chu Chen, School of Informatics, Computing, and Engineering, Indiana University (advisory committee, chair)
 Bradford Demarest, School of Informatics and Computing, Indiana University (qualifying exam reader & research committee)
 Ali Ghazinejad, School of Informatics and Computing, Indiana University (advisory & research committee)
 Anand Kulanthaivel, School of Informatics and Computing, IUPUI (minor advisor)
 Clinton McKay, School of Informatics and Computing, Indiana University (advisory committee)
 Jaimie Murdock, School of Informatics and Computing and Cognitive Science Program (advisory committee, co-chair)
 Ewa Zegler-Poleska, School of Informatics and Computing, Indiana University (advisory committee)

Chenwei Zhang, School of Informatics and Computing, Indiana University (advisory committee)

Doctoral committee membership (completed)

Angela Zoss, "Network visualization literacy: Task, context, and layout." School of Informatics, Computing, and Engineering, Indiana University, March 2018.

Madelyn R. Sanfilippo, "An unequal information society: How information access initiatives contribute to the construction of inequality." School of Informatics and Computing, Indiana University, April 2016.

Timothy D. Bowman, "Investigating the Use of Affordances and Framing Techniques by Scholars to Manage Personal and Professional Impressions on Twitter." School of Informatics and Computing, Indiana University, June 2015.

Peter A. Hook, "The Structure and Evolution of the Academic Discipline of Law in the United States: Generation and Validation of Course-Subject Co-Occurrence (CSCO) Maps." School of Informatics and Computing, Indiana University, June 2014.

Lala Hajibayova, "Factors influencing user-generated vocabularies: An investigation of the effects of resource and genre on tagging." School of Informatics and Computing, Indiana University, December 2013.

Yasser Chuttur, "Training and Best Practice Guidelines: Implications for Metadata Creation." School of Library and Information Science, Indiana University. July 2012.

Jasleen Kaur, "Emergence of Innovation and Impact in Science." School of Informatics and Computing, Indiana University, December 2014.

Stacy Kowalczyk, "e-Science Data Environments: A View from the Lab Floor." School of Library and Information Science, Indiana University. December 2011.

External examiner

Michal Benyamin-Kahana, Department of Information Science, Bar-Ilan University, Israel, February 2018.

Tzipi Cooper. Department of Information Science, Bar-Ilan University, Israel, September 2015.

Master's committee membership (completed)

Cody Daniel Behles. "The Internet as a tool in Central Asia: Uses and impact". Theses for the Master of Arts in the Department of Central Eurasian Studies. Indiana University Bloomington. May 2013.

Students' professional development

Mentor, WebSci 2014 Doctoral Consortium, Bloomington, IN, June 23, 2014

Panelist, "On the market". ILS Half-Day Doctoral Student Seminar, Bloomington, IN, April 25, 2014

Senior adviser, CoLIS 8 Doctoral Forum, Lund University, Sweden, August 18, 2013

Presenter, "Work-life balance". SLIS Professional Doctoral Forum, Bloomington, IN, April 20, 2012

Speaker, "Effective job search". CareerCon 2011 conference organized by Beta Phi Mu (Chi Chapter) and seven SLIS student associations, Bloomington, IN, October 20, 2011

Guest organizer and presenter, "Academic job search process". SLIS Professional Doctoral Forum, Bloomington, IN, October 7, 2011

Faculty Participant, Indiana's Librarians Leading in Diversity Master of Library Science Fellows' Annual Forum, Indianapolis, IN, May 10, 2010

Presenter, "Academic job search process". Friday research talks organized by SLIS PhD students, Bloomington, IN, October 23, 2009

AWARDS AND HONORS

Trustees Teaching Award, School of Informatics and Computing, Indiana University, 2016
Trustees Teaching Award, School of Library and Information Science, Indiana University, 2012
2nd place at 2009 ALISE/Jean Tague Sutcliffe Doctoral Student Research Poster Competition.
Poster title: Small world of nanoscience: Structural parameters of coauthorship networks
Best Dissertation Proposal Award, UCLA Dept. of Information Studies, 2008. \$1,000 award.
Awarded to one student annually
Summer Research Fellowship, UCLA Graduate Division and Dept. of Information Studies, 2007. A \$4,700 award to conduct research in collaboration with peers
Fellowship, UCLA Graduate Division and Dept. of Information Studies, 2006/2007. A merit-based, unrestricted \$7,800 stipend
Fellowship, UCLA Graduate Division and Dept. of Information Studies, 2005/2006. A merit-based, unrestricted \$8,000 stipend
Summer Research Fellowship, UCLA Graduate Division and Dept. of Information Studies, Summer 2005. A \$2,000 award to conduct research in collaboration with peers
Kent State University School of Library and Information Science Jesse H. Shera Memorial Award, awarded to a student who maintains an excellent academic record and demonstrates potential for future scholarly research and publication, 2002
Beta Phi Mu Honor Society, 2002
Kent State University and Phi Beta Delta Honor Society of International Scholars Academic Award to International Students with 4.0 GPA, 2000
Phi Beta Delta Honor Society, 2000.

PROFESSIONAL SERVICE

Association for Information Science and Technology (ASIST)

Member, ASIST 2017 Doctoral Colloquium committee, 2017
Liaison, Special Interest Group on Metrics (SIG METRICS), 2015-2016
Member, SIG of the year award committee, 2013
Past chair, Special Interest Group on Metrics (SIG METRICS), 2012-2013
Chair, Special Interest Group on Metrics (SIG METRICS), 2011-2012 [SIG METRICS awarded 2012 SIG of the year]
Chair-elect, Special Interest Group on Metrics (SIG METRICS), 2010-2011
Co-founder (with Cassidy R. Sugimoto), Special Interest Group on Metrics (SIG METRICS), 2010

Organizer and organizing committee member

METRICS 2016: ASIS&T workshop on informetrics and scientometrics research, ASIST, 2016
Modeling Science, Technology & Innovation Conference (an NSF SciSIP agenda-setting conference), 2016 (Co-organizer)
METRICS 2015: ASIS&T workshop on informetrics and scientometrics research, ASIST, 2015
Forecasting science: Models of science and technology dynamics for innovation policy, The International Society for Scientometrics and Informetrics (ISSI) conference, 2015 (General co-chair)
The web of scientific knowledge: Current trends and future perspectives in the big data era workshop, ACM Web Science Conference, 2014 (General co-chair)

METRICS 2012: Workshop on Informetric and Scientometric Research, ASIST, 2012 (Chair)
METRICS 2011: Symposium on Informetric and Scientometric Research, ASIST, 2011 (General co-chair)

Program committee member

17th International Conference on Scientometrics & Informetrics (ISSI2019), Rome, Italy, September 2-5, 2019
CoLIS 10, Ljubljana, Slovenia, June 16-19, 2019
IC2S2 International Conference on Computational Social Science, Evanston, July 12-15, 2018.
10th ACM Conference on Web Science 2018 (WebSci18), Amsterdam, Netherlands, May 27-30, 2018.
10th International Conference on Social Informatics (SocInfo 2018), St.Petersburg, Russia, September 25-28, 2018.
European Symposium Series on Societal Challenges in Computational Social Science 2017: Inequality and Imbalance (ESCSS 2017), London, UK, November 15-17, 2017
9th International Conference on Social Informatics (SocInfo 2017), Oxford, UK, September 13-15, 2017
16th Conference of the International Society for Scientometrics & Informetrics (ISSI2017), Wuhan, China, October 16–20, 2017
9th International ACM Web Science Conference 2017 (WebSci 2017), Troy, June 26-28, 2017
NetSci 2017, Indianapolis, June 21-23, 2017
5th International Workshop on Bibliometric-enhanced Information Retrieval (BIR2017), Aberdeen, Scotland UK, April 9, 2017
8th International Conference on Social Informatics (SocInfo 2016), Seattle, November 15-17, 2016
CoLIS 9, Uppsala, Sweden, June 27-29, 2016
The Joint Workshop on Bibliometric-enhanced Information Retrieval and Natural Language Processing for Digital Libraries (BIRNDL 2016) at the Joint Conference on Digital Libraries (JCDL '16), Newark, NJ, June 23, 2016
3rd International Workshop on Bibliometric-enhanced Information Retrieval (ECIR 2016), Padova, Italy, March 20, 2016
7th International Conference on Social Informatics (SocInfo 2015), Beijing, China, December 9-12, 2015
2nd International Workshop on Bibliometric-enhanced Information Retrieval (ECIR 2015), Vienna, Austria, March 29, 2015
6th International Conference on Social Informatics (SocInfo 2014), Barcelona, Spain, November 10-13, 2014
Science and Technology Indicators & European Network of Indicator Designers conference 2014 (STI 2014), Leiden, Netherlands, September 3-5, 2014
Bibliometric-enhanced Information Retrieval workshop (ECIR 2014), Amsterdam, Netherlands, April 13, 2014
Computational Scientometrics: Theory and Applications workshop (iConference), Fort Worth, TX, February 12, 2013
2013 World Conference on Information Systems and Technologies (WorldCIST'13), Algarve, Portugal, March 27-30, 2013

Editorial Board

Associate Editor, *Journal of Informetrics* (2016-present)

Associate Editor, *Frontiers in Research Metrics and Analytics* (2015-present)
Editorial board member, *Journal of Altmetrics* (2018-present)
Editorial board member, *BioScience* (2015-present)
Distinguished reviewer and member of the editorial board of *Scientometrics* (2012-present)
Guest co-editor (with Cassidy R. Sugimoto). *The Bulletin of the American Society for Information Science and Technology*, special section “Metrics & ASIS&T”, August/September 2012

Journal Reviewer (alphabetical)

ACM Computing Surveys
Aslib Proceedings
Canadian Journal of Information and Library Science
Ecology and Evolution
EPJ Data Science
The Information Society
Journal of Information Science
Journal of Informetrics
Journal of Management Information Systems
Journal of Nanoparticle Research
Journal of the American Society for Information Science and Technology/Journal of the Association for Information Science and Technology (JASIST)
Materials Research
PLoS ONE
Proceedings of the National Academy of Sciences (PNAS)
Quality & Quantity (Special issue on “Applied and Methodological Issues in the Analysis of Network Data”)
Research Policy
Royal Society Open Science
Science & Public Policy
Scientometrics
Social Network Analysis and Mining
Social Networks
Zootaxa

Book Chapters Reviewer

Advancing Social and Behavioral Health Research through Cross-disciplinary Team Science, Hall, C, Croyle, R., & Vogel, A. (Eds.), 2016
Collaborative Knowledge in Scientific Research Networks, Diviacco, P., Fox, P., Pshenicny, C., & Leadbetter, A. (Eds.), 2014
Encyclopedia of Library and Information Sciences, 3rd ed., 2008
Measuring Scholarly Impact - Methods and Practice, Ding, Y., Rousseau, R., & Wolfram, D. (Eds.), 2014
Models of Science Dynamics: Encounters Between Complexity Theory and Information Sciences, Scharnhorst, A., Börner, K., & van den Besselaar, P. (Eds.), 2010
Social Networking and Community Behavior Modeling: Qualitative and Quantitative Measures, Safar, M., & Mahdi, K. (Eds.), 2010

Conference Reviewer

23rd Science and Technology Indicators conference - September 12-14, 2018. Leiden, The Netherlands.

Association for Information Science and Technology (ASIST) Annual Meeting (2014, 2015, 2016, 2017, 2018)

iConference (2011, 2014, 2015, 2016, 2017, 2018)

Grant Reviewer

National Science Foundation (Science, Technology, and Society) (2018)

National Science Foundation (NRT & IGE) (2018)

The Chilean National Science and Technology Commission (CONICYT - Chile) (2017)

Academy of Finland (2017)

National Science Foundation (Science of Science Innovation and Policy) (2016)

Croatian Science Foundation (2015)

INSTITUTIONAL SERVICE

Indiana University, Bloomington

Department of Informatics

Member, Colloquium Committee, 2017-

Member, Promotion and Tenure Committee, 2016

Department of Information and Library Science/ School of Library and Information Science

ILS Colloquium coordinator, 2015-2016

Chair, Sub-committee on MLS curriculum, ILS Graduate Programs Committee, 2015-2016

Member, Promotion and Tenure Committee, 2015-2016

Member, Search Committee for Open-Rank Faculty Hire, July 2015-March 2016

Program Director, Master of Library Science Program, January 2015-July 2015

Member, Graduate Admission and Scholarship Committee (Doctoral and Master Programs),
January 2015-July 2015

Member, ILS Graduate Programs Committee (Doctoral and Curriculum Committees), 2015-2016

Director, Information Architecture Specialization (MLS), 2013-2016

Member, SLIS IUB ad hoc curriculum committee, 2013

Member, MLS core curriculum review committee, 2012-2013

Member, Curriculum Steering Committee, 2011-2014

Member, Admissions and Scholarship Committee, 2011

Member, Standing Sub-Committee on Review of Students on Probation. 2009-2011

Member, Ph.D. Program Review Working Group, 2010

School of Informatics, Computing, and Engineering

Member, Data Science Admissions Committee, 2018-2019

Member, Organizing Committee, Research Horizons, 2018

Member, Data Science Admissions Committee, 2017-2018

Member, Data Science Program Curriculum Committee, 2017-2018

Member, Associate Dean for Research Faculty Advisory Council, 2016-

Member, Organizing Committee, Research Horizons, 2016

Member, Curriculum Committee, 2014-2016

Member, Search Committee for the Career Services Assistant Director, January-March 2014

Member, Merged School Launch Planning Committee, 2013-2014

Member, Search Committee for the Career Services Director. School of Informatics and Computing, July 2012

Indiana University, Bloomington Campus

Member, 1st and 2nd round review committee for The Emerging Areas of Research, 2017
Member, Bloomington Faculty Council (BFC) Nomination Committee, April 19, 2016-January 1, 2017
Liaison, Cognitive Science/Information and Library Science, 2015-2016
Member, Bloomington Faculty Council (BFC) Library Committee, 2015-2016
Member-at-large, Bloomington Faculty Council (2015-present)
Member, Bloomington Faculty Council (BFC) Research Affairs Committee, 2014-2017
Faculty Judge, Center of Excellence for Women in Technology (CEWiT) Research Poster Competition, March 28, 2014
Faculty Judge, Women in Science Research Day, March 2, 2012
Presenter, “Showcase your research: A poster workshop” sponsored by the Women in Science Program of the Office for Women’s Affairs, February 15 & 21, 2012
Guest Speaker, Indiana University Librarians Association (InULA) Annual Holiday Luncheon, December 9, 2011
Panelist, Office for Women’s Affairs (OWA) Mentoring Workshop Panel, October 27, 2011
Member, Ad Hoc Item Committee of the Task Force on Online Course Evaluation, 2011-2012
Faculty Advisor, ALA-Student Chapter, 2011- 2016 [The ALA Student Chapter was the National Chapter of the year runner up in 2012, 2014, and 2015]
Faculty Judge, Women in Science Research Day, March 4, 2011
Member, Women in Science Program (WISP) Advisory Board, 2009-2012

University of California Los Angeles

Graduate School of Education and Information Studies, Information Studies Department

Information Studies Professional Programs Committee (PPC) – Doctoral Student Representative, 2008-2009