

Jevin D. West

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Academic Positions

- 2013 - Assistant Professor, Information School, University of Washington
- 2014 - Co-Director, DataLab, Information School, University of Washington
- 2014 - Data Science Fellow, eScience Institute, University of Washington
- 2014 - Affiliate Faculty, Center for Statistics & Social Sciences, University of Washington
- 2018 - Adjunct Faculty, Computer Science & Engineering, University of Washington

Research

Science of Science, Bullshit Studies, Scholarly Communication, Big Scholarly Data, Bibliometrics

I study the *Science of Science*. I develop methods for tracking the origin and evolution of scholarly disciplines. My laboratory is the vast network of scholarly papers. I engineer *knowledge discovery* tools for studying science and facilitating science. These tools include interactive maps and recommender systems. I use these tools to study the sociological and economic factors that drive and slow science. My goal is to help scientists read the literature at scale, find relevant papers, generate new hypotheses, and maximize its problem-solving capabilities for the betterment of society.

Education

- 2011 - 2012 Postdoc, Department of Physics, Umea University, Sweden
- 2005 - 2010 Ph.D., Department of Biology, University of Washington
- 1996 - 2004 B.S., M.S., Department of Biology, Utah State University

Publications

Peer-Review Journals and Conferences

- 2018 H. Piwowar, J. Priem, L. Vincent, J.P. Alperin, J. Pablo, L. Matthias, B. Norlander, A. Farley, **J.D. West**, and S. Haustein (2018). The state of OA: a large-scale analysis of the prevalence and impact of open access articles. *PeerJ*, 6:e4375
- S. Yang, P. Lee, A. Joshi, L. Kazakova, B.M. Oh, **J.D. West**, and B. Howe (2018b). Central figure identification. *KDD Big Scholar Workshop*
- L. Aulck, K. Vasan, and **J.D. West** (2018b). Is together better? examining scientific collaborations across multiple authors, institutions, and departments. *KDD Big Scholar Workshop*
- S. Yang, and D. Merchant, B., B. Howe, and **J.D. West** (2018a). Classifying digitized art type and time period. *KDD Workshop on Data Science for Digital Art History*
- 2017 M.M. King, C.T. Bergstrom, S.J. Correll, J. Jacquet, and **J.D. West** (2017). Men set their own cites high: Gender and self-citation across fields and over time. *Socius*, 3:1–22

- L. Aulck, R. Aras, L. Li, C. LHeureux, P. Lu, and **J.D. West** (2017). Stem-ming the tide: Predicting stem attrition using student transcript data. In *SIGKDD Workshop on Advancing Education with Data*
- M. Chow, H. Egna, and **J.D. West** (2017). Towards assessing gender authorship in aquaculture publications. *The Journal of the Asian Fisheries Society*, 30s:131–143
- P. Lee, S. Yang, **J.D. West**, and B. Howe (2017a). Phyloparser: A hybrid algorithm for extracting phylogenies from dendrogram. In *14th IAPR International Conference on Document Analysis and Recognition (ICDAR)*, pages 1087–1094
- P. Lee, **J.D. West**, and B. Howe (2017b). Viziometrics: Analyzing visual information in the scientific literature. *IEEE Transactions on Big Data*, PP(99):1–14
- A.W. Torrance and **J.D. West** (2017). All patents great and small - a big data network approach to valuation. *Virginia Journal of Law and Technology*, 20(3):466–504
- L. Kim, **J.D. West**, and Stovel, K. (2017). Echo chambers in science? In *American Sociological Association (ASA) Annual Meeting*
- B. Howe, P. Lee, M. Grechkin, P.T. Yang, and **J.D. West** (2017). Deep mapping of the visual literature. In *Proceedings of the 26th International Conference on World Wide Web Companion (WWW): Workshop on Big Scholarly Data*, pages 1273–1277
- Hiniker, A., Hong, R., Kim, Y., N. Chen, **J.D. West**, and Aragon, C. (2017). Toward the operationalization of visual metaphor. *Journal of the American Society for Information Science and Technology*, 68(10):2338–2349
- L. Aulck and **J.D. West** (2017). Attrition and performance of community college transfers. *PLoS One*, 12(4):1–23
- J.R. Nahum, **J.D. West**, B.A. Althouse, L. Zaman, C. Ofria, and B. Kerr (2017). Improved adaptation in exogenously and endogenously changing environments. *Proceedings of the 14th European Conference on Artificial Life*, 14:306–313
- J. Portenoy and **J.D. West** (2017). Visualizing scholarly publications and citations to enhance author profiles. In *Proceedings of the 26th International Conference on World Wide Web Companion (WWW): Workshop on Big Scholarly Data*, pages 1279–1282
- S. Bae, D. Halperin, **J.D. West**, M. Rosvall, and B. Howe (2017). Scalable and efficient flow-based community detection for large-scale graph analysis. *ACM Transactions on Knowledge Discovery from Data*, 11(3):32:1–32:30
- J. Portenoy, J. Hullman, and **J.D. West** (2017). Leveraging citation networks to visualize scholarly influence over time. *Frontiers in Research Metrics and Analytics*, 2:1–10
- 2016 **J.D. West**, I. Wesley-Smith, and C.T. Bergstrom (2016). A recommendation system based on hierarchical clustering of an article-level citation network. *IEEE Transactions on Big Data*, 2(2):113–123
- I. Wesley-Smith, C.T. Bergstrom, and **J.D. West** (2016). Static ranking of scholarly papers using article-level eigenfactor (ALEF). In *WSDM Conference: Entity Ranking Challenge Workshop*
- J.D. West** and J. Portenoy (2016b). Delineating fields using mathematical jargon. In *Joint Conference on Digital Libraries. Workshop on Bibliometric-enhanced Information Retrieval and Natural Language Processing for Digital Libraries (BIRNDL)*, pages 63–71

- L. Aulck, N. Velagapudi, J. Blumenstock, and **J.D. West** (2016). Predicting student dropout in higher education. In *International Conference on Machine Learning (ICML). Workshop on Data4Good: Machine Learning in Social Good Applications*
- I. Wesley-Smith and **J.D. West** (2016). Babel: A platform for research in scholarly article recommendation. In *Proceedings of the 26th International Conference on World Wide Web (WWW)*, pages 389–394
- P. Lee, **J.D. West**, and B. Howe (2016). Viziometrix: A platform for analyzing the visual information in big scholarly data. In *WWW Workshop on Big Scholarly Data*, pages 413–418
- J. Portenoy and **J.D. West** (2016). Dynamic visualization of citation networks showing the influence of scholarly fields over time. In *WWW Workshop on Semantics, Analytics, Visualisation: Enhancing Scholarly Data*, pages 147–151. Springer International Publishing
- 2015 C.R. Sugimoto, C. Ni, **J.D. West**, and V. Larivire (2015). The academic advantage: Gender disparities in patenting. *PLoS ONE*, 10(5):e0128000
- I. Wesley-Smith, R.J. Dandrea, and **J.D. West** (2015). An experimental platform for scholarly article recommendation. In *37th European Conference on Information Retrieval (ECIR): Workshop on Bibliometric-Enhanced Information Retrieval*, volume 1344, pages 30–39
- 2014 **J.D. West**, T.C. Bergstrom, and C.T. Bergstrom (2014). Cost effectiveness of open access publications. *Economic Inquiry*, 52(4):1315–1321
- M. Rosvall, A.V. Esquivel, A. Lancichinetti, **J.D. West**, and R. Lambiotte (2014). Memory in network flows and its effects on spreading dynamics and community detection. *Nature Communications*, 5(1)
- D. Vilhena, J. Foster, M. Rosvall, **J.D. West**, J. Evans, and C.T. Bergstrom (2014). Finding cultural holes: How structure and culture diverge in networks of scholarly communication. *Sociological Science*, 1:221–238
- K.R. Larsen, D. Hovorka, **J.D. West**, J. Birt, J.R. Pfaff, T.W. Chambers, Z.R. Sampedro, N. Zager, and B. Vanstone (2014). Theory identity: A machine-learning approach, (best paper nomination). In *Hawaii International Conference on System Sciences*, pages 4639–4648. IEEE
- C.R. Sugimoto, C. Ni, **J.D. West**, and V. Lariviere (2014). Innovative women: an analysis of global gender disparities in patenting. In *International Conference on Science and Technology Indicators*, pages 611–615
- 2013 **J.D. West**, M.C. Jensen, R.J. Dandrea, G.J. Gordon, and C.T. Bergstrom (2013b). Author-level Eigenfactor metrics: Evaluating the influence of authors, institutions, and countries within the social science research network community. *Journal of the American Society for Information Science and Technology*, 64(4):787–801
- J.D. West**, J. Jacquet, M.M. King, S.J. Correll, and C.T. Bergstrom (2013a). The role of gender in scholarly authorship. *PloS One*, 8(7):e66212
- S. Bae, D. Halperin, **J.D. West**, M. Rosvall, and B. Howe (2013). Scalable flow-based community detection for large-scale network analysis. In *International Conference on Data Mining Workshops (ICDMW)*, pages 303–310. IEEE
- M. Brooks, **J.D. West**, C.R. Aragon, and C.T. Bergstrom (2013). Hoptrees: branching history navigation for hierarchies. In *Human-Computer Interaction (INTERACT)*, pages 316–333. Springer

- 2011 **J.D. West**, D. Peak, K.A. Mott, and S. Messinger (2011). Comparing the dynamics of stomatal networks to the problem-solving dynamics of cellular computers. In *Unifying Themes in Complex Systems: Proceedings of the Fifth International Conference on Complex Systems*, pages 327–341. Springer
- 2010 **J.D. West**, T.C. Bergstrom, and C.T. Bergstrom (2010b). The eigenfactor metrics: A network approach to assessing scholarly journals. *College and Research Libraries*, 71(3):236–244
- J.D. West**, T.C. Bergstrom, and C.T. Bergstrom (2010a). Big macs and eigenfactor scores: Don't let correlation coefficients fool you. *Journal of the American Society for Information Science and Technology*, 61(9):1800–1807
- 2009 B.M. Althouse, **J.D. West**, C.T. Bergstrom, and T.C. Bergstrom (2009). Differences in impact factor across fields and over time. *Journal of the American Society for Information Science and Technology*, 60(1):27–34
- F. Prado, A. Sheih, **J.D. West**, and B. Kerr (2009). Coevolutionary cycling of host sociality and pathogen virulence in contact networks. *Journal of theoretical biology*, 261(4):561–569
- 2005 **J.D. West**, D. Peak, J.Q. Peterson, and K.A. Mott (2005). Dynamics of stomatal patches for a single surface of xanthium strumarium l. leaves observed with fluorescence and thermal images. *Plant, Cell & Environment*, 28(5):633–641
- 2004 D.Peak, **J.D. West**, S. Messinger, and K.A. Mott (2004). Evidence for complex, collective dynamics and emergent, distributed computation in plants. *Proceedings of the National Academy of Sciences of the United States of America*, 101(4):918–922

Books

- 2018 C.T. Bergstrom and **J.D. West** (2018). *Calling Bullshit*. Random House. (in prep)

Invited Journals, Conferences and Op-Eds

- 2017 **J.D. West** (2017). How to fine-tune your bs meter. *Seattle Times*, Op-ed, Sept. 12
- 2016 **J.D. West** (2016). The science of data science. *Journal of Integrated Creative Studies*, No.2016-010-e
- 2011 **J.D. West** and C.T. Bergstrom (2011). Can ignorance promote democracy? *Science*, 334(6062):1503–1504
- 2010 **J.D. West** (2010b). How to improve the use of metrics: Learn from game theory. *Nature*, 465:870–872
- J.D. West**, T.C. Bergstrom, and C.T. Bergstrom (2010c). Response to big macs and eigenfactor scores: The correlation conundrum. *Journal of the American Society for Information Science and Technology*, 61(12):2592–2592
- 2009 **J.D. West**, M. Stefaner, and C.T. Bergstrom (2009). The eigenfactor metrics: How does the journal of biological chemistry stack up? *The American Society for Biochemistry and Molecular Biology (ASBMB Today)*, April:20–21
- 2008 C.T. Bergstrom and **J.D. West** (2008a). Assessing citations with the eigenfactor metrics. *Neurology*, 71(23):1850–1851

C.T. Bergstrom, **J.D. West**, and M. Wiseman (2008). The eigenfactor metrics. *The Journal of Neuroscience*, 28(45):11433–11434

J.D. West (2008). Eigenfactor - the google approach to bibliometrics. *FrontMatter*, 4:7

Book Chapters

2018 **J.D. West** (2018). The data reasoning antidote. In Kendeou, P. and Robinson, D., editors, *Quackery and Fake News in Education*, chapter (in prep). Information Age Publishing

A. Torrance and **J.D. West** (2017). Patent analytics: Information from innovation. In Katz, D. M., Bommarito, M. J., and Dolin, R., editors, *Legal Informatics*, chapter (in press). Cambridge University Press

2016 **J.D. West** and J. Portenoy (2016a). The data gold rush in higher education. In Sugimoto, C., Ekbia, H., and Mattioli, M., editors, *Big Data is Not a Monolith*, chapter 10. MIT Press

2014 **J.D. West** and D. Vilhena (2014). A network approach to scholarly evaluation. In B. Cronin and C.R. Sugimoto, editors, *Beyond Bibliometrics: Harnessing Multidimensional Indicators of Scholarly Impact*, chapter 8, pages 151–166. MIT Press

2008 B. Kerr, **J.D. West**, and B. Bohannon (2008). Bacteriophages: models for exploring basic principles of ecology. In S.T. Abedon, editor, *Bacteriophage Ecology: Population Growth, Evolution, and Impact of Bacterial Viruses*, chapter 2, pages 31–63. Cambridge University Press

Working Papers

2018 S. Yang, P. Lee, **J.D. West**, and B. Howe (2018c). Delineating disciplines using visual information in scientific literature. *ECML-PKDD (in review)*

K.R. Larsen, D. Hovorka, A. Dennis, and **J.D. West** (2018). Understanding the elephant: A discourse approach to corpus identification for theory review articles. *(in review)*

L. Aulck, J. Malters, C. Lee, G. Mancinelli, A. Lau, M. Sun, and **J.D. West** (2018a). Helping students figure it out: A data-driven look at freshmen seminars via first-year interest groups (figs). *(in review)*

N. Hassoun, S. Conklin, M. Nekrasov, and **J.D. West** (2018). Historical data on the underrepresentation of women in philosophy journals. *(in review)*

J. Portenoy and **J.D. West** (2018). Mapping mathematical jargon in the scholarly literature. *(in review)*

L. Kim, **J.D. West**, and K. Stovel (2018b). Echo chambers in science? *(in prep)*

S. Wang, **J.D. West**, C.T. Bergstrom, C. Lee, and E.A. Erosheva (2018). Gender-based homophily in scientific collaborations. *(in prep)*

P. Lee, **J.D. West**, and B. Howe (2018). Show me don't tell me: Figure use associated with increased citations. *(in prep)*

L. Kim, J. Portenoy, **J.D. West**, and K. Stovel (2018a). The role of the journal post-arxiv. *(in prep)*

J.D. West, J. Portenoy, A.K. Misra, J. Foster, and C.T. Bergstrom (2018a). Measuring interdisciplinarity without subject categories. (*in prep*)

J.D. West, J. Portenoy, D. Vilhena, M. Rosvall, and C.T. Bergstrom (2018b). Ranking and mapping article-level citation networks. (*in prep*)

A. Torrance and **J.D. West** (2018). Are trolls good (at choosing valuable patents)? (*in prep*)

Theses, Patents, Blog Posts, Pseudocode and Conference Workshops

- 2017 C.T. Bergstrom, M. Rosvall, D. Vilhena, **J.D. West**, and A. Torrance (2016). Systems and methods for data analysis. PCT Application Filed on Feb. 1, 2013
- Y. Ding, **J.D. West**, M. Song, G. Meng, and Q. Yu (2017). Data-driven discovery: A new era of exploiting the literature and data. iConference, Wuhan, China
- 2016 C.T. Bergstrom and **J.D. West** (2016). Comparing impact factor and scopus citescore
- 2014 **J.D. West** (2014). Modifying the eigenfactor algorithm for improving interpretability. ASIS&T Workshop on Informetric and Scientometric Research, Seattle, WA
- 2013 A. Adler, S. Milojevic, C. Rogers, J. Tennis, S. Van Hooland, , and **J.D. West** (2013). The temporal dimension in the study of knowledge bases: Approaches to understanding knowledge creation and representation over time. *Proceedings of the American Society for Information Science and Technology*, 50(1):1–3
- 2010 **J.D. West** (2010a). *Eigenfactor: ranking and mapping scientific knowledge*. PhD thesis, University of Washington, Department of Biology
- 2008 **J.D. West** and C.T. Bergstrom (2008a). Calculating author-level eigenfactor metrics. *Eigenfactor.org*
- C.T. Bergstrom and **J.D. West** (2008b). Compressed source code for the eigenfactor calculation. *Eigenfactor.org*
- J.D. West** and C.T. Bergstrom (2008b). Calculating journal-level eigenfactor metrics. *Eigenfactor.org*
- 2004 **J.D. West** (2004). Investigations into the spatial and temporal dynamics of stomatal networks to determine whether plants perform emergent, distributed computation. Master's thesis, Utah State University, Department of Biology

Presentations

Keynotes

- 2018 TBA. National Association for Business Economics (**NABE**). Boston, MA (Sept 30)
- TBA. **NIH** Bibliometrics and Research Assessment Symposium. Bethesda, MD (Aug 21)
- ‘Calling BS in an Age of Misinformation.’ Washington Medical Library Association (**WMLA**). UW, Seattle, WA (July 20)

- ‘Data reasoning amidst the data deluge.’ Academic Business Library Directors (**ABLD**) Annual Meeting. UW, Seattle, WA (May 9)
- ‘Combatting Misinformation in Science.’ **PharmaSUG** Annual Conference. Westin Hotel, Seattle, WA (April 29)
- ‘Reigning in Data Science.’ **UW Data Science Summit**. UW, Seattle, WA (April 3)
- ‘Calling BS in the Age of Big Data.’ Engineering Biology Research Consortium. (**EBRC**) UW, Seattle, WA (March 24)
- ‘Sorting Evidence from Bullshit in the Age of Evidence-Based Dentistry.’ **UW Dental School Research Day**. UW, Seattle, WA (Jan. 30)
- ‘Calling BS in an Age of Misinformation.’ **University of Iowa** meeting on ‘Teaching with the Library: From Data to Knowledge.’ Iowa City, IA (Jan. 8)
- 2017 ‘Learning how to become an expert at recognizing BS.’ **TEDxSeattle**. McCaw Hall, Seattle, WA (Nov 18)
- ‘When to Call BS on Big Data.’ National Association for Business Economics (**NABE**). Economics in the Age of Algorithms, Experiments and A.I., Marriott Waterfront, Seattle, WA (Nov 16)
- ‘Calling BS in the Age of Big Data.’ **Washington Library Association Conference**. Hotel Murano, Tacoma, WA (Nov 4)
- ‘The Role of Gender in Scholarly Authorship.’ **NSF ADVANCE** Conference on Broadening Participation: Intersectionality. Washington, DC (Oct 8)
- ‘Calling BS in the Age of Big Data.’ **Washington State Council for the Social Studies** Annual Conference. Woodway High School, Edmonds, WA (Oct 7)
- ‘Calling BS in the Age of Big Data.’ **AUREO** Conference. Fairmont Olympic Hotel, Seattle, WA (Sept 18)
- ‘Viziometrics: mapping the knowledge literature.’ **Netsci Workshop: Knowledge Networks in Science and Technology**. Indianapolis, IN (June 20)
- ‘Measuring patent influence using citation and litigation.’ **Netsci Satellite: Quantifying Success**. Indianapolis, IN (June 20)
- ‘Viziometrics: building a figure-centric search engine for the scholarly literature.’ Joint Conference on Digital Libraries (**JCDL**), Workshop on Mining Scientific Publications. University of Toronto, Canada (June 19)
- 2016 ‘The Science of Science.’ International Conference on Data-driven Discovery: Data Science Meets Information Science. **Fred Hutchinson Cancer Institute Annual Retreat**, Grand Hyatt, Seattle, WA (Sept 12)
- ‘Ranking and Mapping Science.’ International Conference on Data-driven Discovery: Data Science Meets Information Science. National Science Library, **Chinese Academy of Sciences**, Beijing, China (June 20)
- 2015 ‘Loosing sleep in a data-driven dream.’ Moore-Sloan **Data Science Environment Summit**. Suncadia Resort, Cle Elem, WA (Oct. 5)

Sponsored University Lectures

- 2018 | TBA. **Simon Fraser University Dream Colloquium**. Burnaby, BC, Canada (Sept 13)
- ‘The Truth in Numbers.’ **The Future of Information Alliance**. meeting on the ‘Future of Facts in a Post-Truth World.’ University of Maryland, The Phillips Collection Museum, Washington DC (May 15)
- ‘Cleaning up our polluted information environments.’ **UW Provost Lecture Series on Fake News and Misinformation** UW, Seattle, WA (April 24)
- ‘Thinking critically about data in the social and natural sciences.’ **The Rolf Buchdahl Endowed Lecture** on Science, Technology, and Values. North Carolina State University, Raleigh, NC (March 16)

Invited Talks

- 2018 | ‘Calling BS in the Age of Big Data.’ *University District Rotary Club*. Seattle Yacht Club (April 6)
- ‘Combatting Misinformation in Science.’ *Am. Institute of Physics*. College Park, MD (March 29)
- ‘Calling BS in an Age of Misinformation.’ *Western Washington University Lecture Series*. Poulsbo, WA (March 22)
- ‘Calling BS: data reasoning for a digital age.’ *Seattle Chamber of Commerce*. Washington Athletic Club (WAC), Seattle, WA (March 5)
- Bullshitting: Empirical and Experiential Examinations of a Pervasive Social Behavior. *Society for Personality and Social Psychology Annual Meeting*. Atlanta, GA (March 3)
- Combatting Misinformation with Libraries. *Association of Librarians of the UW (ALUW)* Seattle, WA (Feb 27)
- Making sense of information: Who do we trust? Where do we go from here? *UW Faculty Senate* UW, Seattle, WA (Feb 9)
- ‘Calling BS in the Real World.’ *Epistemology for the Real World*. UW, Seattle, WA (Jan. 29)
- Calling BS in the Age of Big Data. *Big History Annual Meeting*. Seattle, WA (Jan 20)
- 2017 | Identifying Fake News. *Beyond the Bench 24: Uniting for a Better Future*. Manchester Grand Hyatt, San Diego, CA (Dec 19)
- ‘Mapping Knowledge Networks.’ *League of Women Voters*. Benaroya Hall, Seattle, WA (Dec 7)
- Data Reasoning in a Digital World. *Creative Mornings*. Seattle, WA (Dec 15)
- Calling BS in the Age of Data Science Euphoria. *National Academy of Sciences, Integrating Ethics and Privacy Concerns into Data Science Education*. Washington, DC (Dec 8)
- Calling BS in the Age of Big Data. *Clinical Informatics Grand Rounds Meeting*. Mayo Clinic, Rochester, MN (Nov 13)
- Plenary. Media Literacy in the Age of Big Data. *Journalism Interactive*. University of Maryland, College Park, MD (Oct 20)
- ‘Calling BS in the Age of Big Data.’ *SCIX Chemistry Conference*. Reno, NV (Oct 13)
- Panel on Misinformation. *GeekWire Summit*. Sheraton Hotel, Seattle, WA (Oct 11)

- Plenary. Calling BS in a Data-Driven World. *UPCEA Conference*. Seattle, WA (Sept 26)
- Talking fake news and misinformation. *UW News Facebook Live Q&A*. UW, Seattle, WA (Sept 20)
- Public Panel on The Information War: Fake News, Privacy and Big Data. *UW MS Data Science Panel*. ImpactHub, Seattle, WA (Sept 18)
- Podcast. *Lifehacker*. Seattle, WA (Sept 6)
- Why we do what we do. *Faculty Fellows Program Panel*. Center for Teaching and Learning, UW, Seattle, WA (Sept 5)
- Calling BS in the Age of Big Data. *National Network of Libraries of Medicine (PNR Rendezvous)*. Seattle, WA (Aug 16)
- Digital history from the perspective of a data scientist. *Chemical Heritage Foundation*. Philadelphia, PA (May 27, 2017)
- Plenary. Calling BS Worskshop. Lakeside High School, Seattle, WA (May 15)
- Are Trolls Good (At Choosing Valuable Patents)? *PAE Reform Symposium*. Stanford University, Palo Alto, CA (May 11)
- Plenary. Calling Bullshit in the Age of Big Data, *UW Foundation Board*. University of Washington, Seattle, WA (April 28)
- An information theoretic approach for hierarchically clustering largeacyclic graphs. *American Mathematical Society*. Washington State University, Pullman, WA (April 23)
- BS in Science *Northwest Science Writers Association*. University House, Seattle, WA (March 14)
- News Literacy Working Group. *Walter Cronkite School of Journalism & Mass Communication*, Arizona State University, AZ (March 4-5)
- 2016 Measuring patent value using citation networks. *The Stanford Center for Legal Informatics, Stanford University*. Palo Alto, CA (Nov. 18)
- Measuring and Messaging Research Outcomes. *Health Research Alliance Annual Meeting*. New York City, NY (April 1)
- Science of Science. *International Symposium on Science of Science?*. Library of Congress, Washington, DC (March 22)
- Static Ranking of Scholarly Papers using Article-Level Eigenfactor (ALEF). *WSDM Cup 2016 - Entity Ranking Challenge Workshop*. San Francisco, CA (Feb. 22)
- Mapping the Emergence of Scientific Disciplines. *International Symposium on Advanced Future Studies*. Kyoto University, Japan (Feb. 12)
- The Data Gold Rush in Science Education. *International Symposium on Advanced Future Studies*. Kyoto University, Japan (Feb. 11)
- Facilitating discovery with zoomable maps. *Allen Institute for Artificial Intelligence*. Seattle, WA (Feb. 4)
- 2015 Mapping Knowledge Networks. *Duke University Machine Learning Seminar Series*. Durham, NC (Nov. 11)
- Mapping the citation influence of the Pew Biomedical Scholars Program. *Pew Biomedical Scholars Conference*. Grand Cayman, West Indies (Nov. 5)
- Gender Differences in Scholarly Self Citation. *Social-Personality Psychology Seminar*. University of Washington, (Oct. 22)

- Data Cartography: Managing Knowledge Networks. *SKKU Library and Information Science Distinguished Lecture Series*. Sungkyunkwan University, Seoul, South Korea (July 16)
- Normalizing Eigenfactor Scores. *Thomson Reuters Webinar on the State of Journal Evaluation*. (June 23)
- The Jargon Barriers of Science. *Santa Fe Institute Speaker Series*. Santa Fe, NM (March 17)
- Data Cartography: using maps to navigate knowledge networks. *Cisco Data Science Speaker Series*. San Jose, CA (Jan. 27)
- Data Cartography: using maps to navigate knowledge networks. *Pacific Northwest National Laboratory*. Richland, WA (Jan. 14)
- The Economics and Structure of Scholarly Publishing. *Group Health Research Seminar*. Seattle, WA (Jan. 13)
- 2014 Data Cartography. *Boulder Analytics Fellows, Leeds School of Business*. University of Colorado, Boulder, CO (Nov. 6)
- Mapping Jargon. *Center for Statistics & Social Sciences Seminar Series*. University of Washington, Seattle, WA (Oct. 5)
- The Flow of Ideas from the Non-patent Literature to the Patent Literature. *TechMining International Conference*. Leiden, Netherlands (Sept. 2)
- Mapping Institutional Impact. *Gordon Research Conference on Science and Technology Policy*. Waterville Valley, NH (Aug 13)
- DataLab: Developing a Student-centered Data Science Lab. *Microsoft Faculty Summit*. Redmond, WA (July 16)
- Detecting Innovation in Patents. *Gruter Institute for Law and Behavior*. Squaw Valley, CA (May 19)
- Biology and Data Science. *Department of Biology Annual Awards Banquet*. University of Washington, Seattle, WA (April 8)
- Using Maps to Navigate Large, Hierarchical Networks. *Biomedical & Health Informatics Lecture Series*. University of Washington, Seattle, WA (Feb. 4)
- 2013 Article-Level Navigators. *Public Library of Science Article-level Metrics Workshop*. San Francisco, CA (Oct 11)
- Data Cartography. *School of Library and Information Science*. Bloomington, IN (Nov 18)
- Article-Level Navigators. *National Science Communication Institute*. Seattle, WA (Nov 15)
- The Role of Gender in Scholarly Authorship. *Genome Sciences Seminar*. University of Washington, Seattle, WA (Nov 12)
- The Genesis of Scientific Disciplines. *Association for Information Science and Technology*. Montreal, Canada (Nov 5)
- The Eigenfactor Metrics. *International Society of Managing & Technical Editors*. Washington, DC (Aug 6)
- Publishing and Perishing in the Twenty-First Century. *Microsoft Faculty Summit*. Redmond, WA (July 15)
- Innovation in Science. *Gruter Institute For Law & Behavioral Research*. Squaw Valley, CA (May 21)

- Using Maps to Navigate Knowledge Networks. *National Socio-Environmental Synthesis Center*. University of Maryland, Annapolis, MD (April 9)
- Document Discovery. *Aquatic & Fishery Science*. UW, Seattle, WA (March 22)
- 2012 Growth of Growth Economics. *Gruter Institute For Law & Behavioral Research*. Stanford University, Palo Alto, CA (Oct 12)
- Ranking and Mapping. *Digital Science*. London, UK (June 14)
- The Role of Gender in Scholarly Authorship. *International Conference on Academia & Publishing*. Torino, Italy (May 31)
- Can Ignorance Promote Democracy? *Gruter Institute For Law & Behavioral Research*. Squaw Valley, CA (May 21)
- 2011 Document Discovery: Advancing Research with Large Knowledge Networks. *Computer Science and Engineering Seminar Series*. University of Washington, Seattle, WA (Dec 1)
- Eigenfactor. *Graduate School of Library and Information Science*. University of Illinois, Champaign—Urbana, IL (Nov 11)
- Document Discovery: Advancing Research with Large Knowledge Networks. *Department of Computer Science*. University of Colorado, Boulder, CO (Nov 3)
- Future of Scholarly Communication. *Harvard eScience Workshop*. Harvard University, Boston, MA (Oct 24)
- Canadian Research Knowledge Network*, Ottawa, Canada (Oct 5)
- Eigenfactor: ranking and mapping scientific knowledge. *Microsoft Faculty Summit*. Redmond, WA (July 20)
- Eigenfactor and Microsoft Academic Search. *Open Repositories*, U. of Texas, Austin, TX (June 7)
- The Eigenfactor Metrics: a network approach to assessing scholarly journals. *Society of Scholarly Publishing*, Boston, MA (June 1)
- Measuring Interdisciplinarity in Science. *Law and Human Behavior - Innovation and Economic Growth*, Gruter Institute, CA (May 26)
- The Eigenfactor Metrics: a network approach to assessing scholarly journals. *Mapping and Measuring Scientific Output*, Santa Fe, NM (May 10)
- Mapping the Network Ecology of Science at the Article Level. *Centers for Models of Life*. Niels Bohr Institute, Copenhagen, Denmark (April 19)
- Mapping the Network Ecology of Science at the Article Level. *Applications in Network Theory - The Conference*. NORDITA, Stockholm, Sweden (April 8)
- 2010 Eigenfactor: ranking and mapping scientific knowledge. *The Changing Face of Scientific Research*. McGill University, Montreal, Canada (Dec 1)
- Eigenfactor: ranking and mapping scientific knowledge. *Assessing The Usage and Value of Scholarly and Scientific Output*, Philadelphia, PA (Nov 10)
- Eigenfactor: harnessing the power of networks to better navigate the scholarly... *Impact & Productivity Measurements in a Changing Research Environment*. Washington, DC (Oct 27)
- Eigenfactor: harnessing the power of networks to better navigate the scholarly... *ITHAKA Sustainable Scholarship 2010: Discovering Scholarly Content*, New York, NY (Sept 28)

- New Developments in Defining Impact. *Society for Scholarly Publishing 32nd Annual Meeting*, San Francisco, CA (June 4)
- Eigenfactor and the Future of Scholarly Communication. *American Chemistry Society National Meeting*, San Francisco, CA (March 24)
- 2009 The Eigenfactor Metrics. *NSF Workshop: Scholarly Evaluation Metrics: Opportunities & Challenges*. Washington, DC (Dec 16)
- Traversing Fitness Landscapes by Changing Environments. *International Workshop on What is Evolution?*. Kyoto University, Japan (Oct 17)
- The Networks of Bibliometrics. *Complex Networks*, Department of Physics, Umea University, Sweden (Oct 2)
- The Eigenfactor Metrics: tools for navigating the scholarly literature. *ALPSP International Conference*. Oxford, UK (Sept 10)
- The Eigenfactor 'Ac-count' of Scholarly Evaluation. *Council of Science Editors Annual Meeting*. Pittsburgh, PA (May 3)
- The Economics and Structure of Scholarly Publishing. *Digital Research Symposium*. Portland State University (April 29)
- The Economics and Structure of Scholarly Publishing. *BioOne*, Washington, DC (April 17)
- Eigenfactor: ranking and mapping the scholarly literature. *Electronic Resources and Libraries Conference*. University of California, Los Angeles, CA (Feb. 11)
- 2008 Eigenfactor: ranking and mapping the scholarly literature. *National Institute of Informatics*. Tokyo, Japan (Nov. 24)
- Eigenfactor and Materials Science Journals. *National Institute for Materials Science*. Tokyo, Japan (Nov 25)
- Eigenfactor: ranking and mapping scientific knowledge. *Yale Library and Faculty*. Yale University (Nov 3)
- Alternatives to Impact Factor in Evaluating Scholarly Literature. *Center for Digital Research and Scholarship*. Columbia University (Oct 30)
- Measuring Interdisciplinarity: A Flow Cite-ometry Approach. *Institute of Economic Research & Yukawa Institute of Theoretical Physics*. Kyoto, Japan (Oct 21)
- Applying Eigenfactor Metrics to JSTOR Data. *American Library Association Annual Conference*. Anaheim, CA (June 29)
- Using bibliometrics to making purchasing decisions. *SLA International Conference*. Seattle, WA (June 16)
- Eigenfactor: ranking and mapping the scientific knowledge. *Council of Science Editors Annual Meeting*. Vancouver, B.C. (May 19)
- Journal-Quality Metrics, the Eigenfactor. *HighWire Press Publishers Meeting*. Stanford University (May 6)
- The Academic Perspective on Research Evaluation. *Assessing Research Performance and Value*. University of California, Los Angeles (May 5)
- Eigenfactor - The Google Approach to Bibliometrics. *Emerging Trends in Scholarly Publishing*. National Press Club, Washington, D.C. (April 17)

- Eigenfactor, a new approach to assessing journal quality. *National Academy of Sciences E-Journal Summit*, Washington, D.C. (March 18)
- 2007 Metrics for the Humanities. *European Science Foundation*, University of Granada, Spain (Nov. 19)
- Networks, Disease and Maps. *29th Annual ARCS Luncheon*. Westin Hotel, Seattle, WA (Nov. 13)
- From antibiotic resistance to the bird flu. *ARCS Auction Dinner*, Conibear Shellhouse, University of Washington, Seattle, WA
- 2006 Academic Reputation: Democracy vs Meritocracy. *Berkman Center for Internet & Society*, Harvard University, Cambridge, MA (May 4)

Conferences, Workshops and Meetings

- 2018 Echo Chambers in Science. *Sunbelt Conference*. Utrecht University, Netherlands (June 26)
- 2017 Calling BS on Phrenology 2.0. *UW iSchool Research Symposium*. Seattle, WA (Dec 4)
- Making a case for open research: Implications for reproducibility and transparency. *ASIS&T Annual Conference*. Washington, DC (Oct 27)
- Calling BS in the Age of Big Data. *MisinfoCon*. Mozilla Festival, London, UK (Oct 26)
- Data Literacy. *News Literacy Working Group*. Walter Cronkite School of Journalism & Mass Communication, Arizona State University, AZ (March 4-5)
- 2016 Data Science Education. *Moore-Sloan Data Science Environments Annual Summit*. Mohonk Mountain House, New Paltz, NY (March 23-26)
- Scholarly Recommendation. *Metaknowledge Network*. University of Chicago, Hyde Park, IL (March 14-15)
- 2015 Data Science Education. *SciFoo*. Google, Mountain View, CA (June 26-28)
- Metaknowledge Network. Asilomar, Pacific, CA (July 27-30)
- 2014 Modifying the Eigenfactor Algorithm for improving interpretability. *ASIS&T SIGMET Workshop*. Sheraton, Hotel, Seattle, WA (Nov 5)
- Curation and Policy Issues in Collaborative Research Data Management Communities. *Association for Information Science and Technology Annual Meeting*. Sheraton, Hotel, Seattle, WA (Nov 5)
- Data Science Panel. *Association for Information Science and Technology Annual Meeting*. Sheraton, Hotel, Seattle, WA (Nov 5)
- Data Science Education. *Moore-Sloan Data Science Environments Annual Summit*, Asilomar, Monterey, CA (Oct 6-8, 2014)
- Evaluating patents from large open data sets. *United States Patent and Trademark Office*, Washington, DC (Aug 4)

Media Coverage

- 2018 **The Conversation**. ‘Why bullshit hurts democracy more than lies’ (May 15)
- The Wall Street Journal**. “Fine-Tune Your B.S. Detector: Youll Need It” (March 19)

- King5 News**, Seattle. “UW professor who studies ‘information warfare’ on how to protect yourself” (Feb 16)
- UW News Today. “Making sense of information: Who do we trust? Where do we go from here?” (Feb 9)
- The Daily, UW. “Technology will only contribute to the production of fake news” (Feb 9)
- The Chronicle of Higher Education**. “Metrics Mania” (Jan 7)
- 2017 UW News. “UW’s 2017: A year of innovation, access and impact” (Dec 20)
- Nature**. “The science that’s never been cited” (Dec 13)
- RadioLab. “Stereothreat” (Nov 23)
- Inside Higher Ed**. “Messy but Essential” Ana Mari Cauce (Nov 20)
- Le Monde**. “Researchers mobilize for free access to publications” David Larousserie (Nov 8)
- Columbia Journal Review**. “Making media literacy great again” Michael Rosenwald (Oct 15)
- The New Yorker**. “The A.I. Gaydar Study and the Real Dangers of Big Data” Alan Burdick. (Sept 15)
- Seattle Times**. “UW panel on battling fake news: Think more, share less” Paige Cornwell. (Sept 13)
- Lifehacker. “How to Detect Bullshit” Alice Bradley. (Sept 11)
- MyNorthwest. “UW professors in search of the truth or calling BS” Dave Ross. (Aug 31)
- King5 News**. “UW data expert Jevin West explains your odds of winning the Powerball jackpot” Amanda Grace and Mark Wright. (Aug. 22)
- King5 News Facebook. “How do you increase your luck when you play the lottery?” Heather Bosch. (Aug 22)
- The Scientist**. “Open Access On the Rise: Study” Bob Grant. (Aug. 7)
- New York Magazine**. “A Beginner’s Guide to Calling BS” Thomas MacMillan. (June 26)
- New Scientist**. “Feedback: The university offering a course on calling bullshit” Paul McDevitt. (June 21)
- Salon**. “Explosive growth in bulls**t studies! The latest academic frontier in the age of You Know Who” Paul Rosenberg. (June 18)
- The New Yorker**. “How to call B.S. on big data: A practical guide” Michelle Nijuis. (June 3)
- Daily KOS. “Calling Bullshit (on us all, and in no one in particular)” Frederick Clarkson. (May 28)
- UW Daily. “Analyzing bullshit” Michael Blume. (May 16)
- iSchools. “Popular University of Washington Course Calls ‘Bull’ on Big Data” (May 13)
- Seattle Times**. “We crashed UW’s class on calling BS. Here’s what we learned about sleuthing ‘big data’” Katherine Long. (May 11)
- Der Freitag. “Zahlenmbig leider unterlegen” Moritz Wichmann. (May 4)
- Irish Medical Times. “The death of the expert” (April 21)
- Forbes**. “This college course teaches you to separate fact from BS” Kevin Murnane. (April 19)

- Q13 News.** “Students pack new UW class on ‘B.S.’” Carolyn Kresser. (April 12)
- King 5’s The Sound Podcast. “Calling BS on Fake News” Ryan Takeo. (April 11)
- DeMorgen. “Word eens ‘Master in de bullshit’ ” Lieven Desmet. (April 10)
- Financial Times.** “A masterclass in calling bullshit” (April 9)
- King 5 News.** “UW’s ‘Calling BS’ class tackles fake news” Ryan Takeo. (April 5)
- Columns. “Busting BS: Training students to catch—and call out fake news and falsehoods” Quinn Russell Brown. (March 30)
- UW Information School. “In new iSchool class, students get to start ‘Calling Bullshit’” (March 30)
- Press Release Point. “After much media attention, UW Information Schools Calling BS class begins” (March 28)
- Top Hat. “Washington Profs Counter BS and Fake News with New Course” Juanita Bagawan. (March 28)
- SFGate. “Calling Bullsh*t 101: The (real) college course the world needs now” Mark Morford. (March 17)
- Publishers Weekly.** “London Book Fair 2017: A Few Novels Gain Buzz Amid Restrained Deal-Making.” Rachel Deahl. (March 15)
- The Indy 100. “There’s a new university class ‘calling bulls*t’ on fake news” Jessica Brown. (March 15)
- Boing Boing.** “Site is calling BS on crappy data visualization and other annoyances” Andrea James. (March 10)
- Big Think. “‘Calling Bullshit’ is the College Course for Our Time - Here’s How You Can Take it Online” Paul Ratner. (February 26)
- Boston Globe.** “Innovation of the Week” David Scharfenberg. (February 25)
- University Herald. “University of Washington to Teach Course on Critical Thinking about Big Data” Emily Marks. (February 21)
- The Chronicle of Higher Education.** “Job-Killing Computerization Sets Its Sights on the University Researcher.” Paul Basken. (February 20)
- Silicon. “Un cours sur le ”bullshit” l’re du Big Data passionne” Jacques Cheminat. (February 20)
- The Register. “BS Detection 101 becomes actual University subject” Richard Chirgwin. (February 20)
- Seattle Review of Books. “A ”Bullshit” Course at University of Washington” Paul Constant. (February 20)
- ReCode.** “These University of Washington professors are teaching a course on bullshit” Tess Townsend. (February 19)
- Business Insider.** “This college course teaches you how to call out things that are unscientific” Usha Lee McFarling. (February 17)
- STAT. “In age of alternative facts, a college course on calling out scientific crap” Usha Lee McFarling. (February 17)
- NPR KUOW.** “The Record, Tues. Feb 7th” KUOW Staff. (February 7)

UW Today. “Overwhelming’ response, global press attention, for new UW Information School course, ‘Calling BS’” Peter Kelley. (February 6)

Indiana Statesman. “University of Washington Class on How to Spot Fake Data Goes Viral Within Hours” Katherine Long. (February 6)

Seattle Times. “Librarians take up arms against fake news” Jerry Lange. (February 5)

King 5 Seattle Evening News. “UW Professors’ data class goes viral” (February 1)

UW Home Page. ”UW class on how to spot fake data goes viral within hours” (February 1)

Inc. Magazine. “Here’s How You Can Learn to Spot Fake News (There’s Much More of it Than You Think)” Minda Zetlin. (January 31)

Seattle Channel. “Exploring inclusive solutions to disruption” (January 31)

Daily KOS. “Bullshit 101” DRo. (January 28)

The Seattle Times. “UW class on how to spot fake data goes viral within hours.” Katherine Long. (January 28)

Konbini. “Professors create a ‘calling bullshit’ course because it’s getting out of hand.” Justina Bakutyte. (January 27)

RT Today. “Calling bullsh*t’: University course teaches how to identify BS” (January 26)

Dave Ross Show, KIRO Radio. “UW will soon teach students how to call ‘BS’ on claims” KIRO Radio Staff. (January 26)

UPI. “University of Washington instructors push for ‘calling BS’ in class” Ben Hooper. (January 24)

NPR, Morning Edition. ”It’s Getting Harder to Sort Out Truth From Fiction.” Rachel Martin. (January 23)

Seattle PI. “University of Washington could offer course in ‘BS’.” Mitch Pittman. (January 22)

KOMO News. “University of Washington could offer course in ‘BS’.” Mitch Pittman. (January 20)

Fast Company Co.Design. “Data Can LieHere’s A Guide To Calling Out B.S.” Katharine Schwab. (January 19)

EdSurge News. “Navigating B.S. might soon be a college level course” (January 19)

UW Information School press release. “Professors aim to fight for truth by ‘Calling Bullshit’” (January 17)

The Chronicle of Higher Education. “The Fine Art of Sniffing Out Crappy Science.” Steve Kolowich. (January 16)

Brain Magazine. “Identifier le bullshit : un seminaire.” (January 13)

The Outline. “Two Professors Created a Course on How to Recognize Bullshit.” Jon Christian. (January 13)

Boing Boing. “A potential college course on detecting and combating bullshit in all its forms.” Cory Doctorow. (January 12)

2016 **Inside Higher Ed.** “How to Measure Impact.” Carl Straumsheim. (December 14)

Nature. “Controversial impact factor gets a heavyweight rival.” Richard Van Noorden. (December 8)

- Reuters News.** “Female researchers underrepresented, but collaborate widely.” Kathryn Doyle. (November 9)
- Slate.** “Mansplaining Is Real! But Male Self-Citation in Academic Work Isn't So Simple.” Rebecca Onion. (August 2)
- Jezebel.** “Men Are Their Own Favorite Experts Says Unsurprising Study.” Anna Merlan. (August 1)
- New York Magazine.** “Men Are Way More Likely to Cite Themselves As an Expert.” Drake Baer. (August 1)
- The Washington Post.** “New study finds that men are often their own favorite experts on any given subject.” Christopher Ingraham. (August 1)
- Vice Media’s Motherboard.** “Study Finds Men Are More Likely Than Women to Cite Their Own Science Papers.” Stephen Buranyi. (July 22)
- The London Times.** “Women academics trail men (at shameless self-citation).” Tom Whipple. (July 16)
- Nature.** “Men cite themselves more than women do.” Dalmeet Singh Chawla. (July 5)
- The Economist.** “A scientific study of the importance of diagrams to science.” (June 18)
- MIT Technology Review.** “The First Visual Search Engine for Scientific Diagrams.” (May 27)
- Microsoft Research. “Microsoft opens up online infrastructure to the research community.” (Feb 23)
- UW iSchool. “UW team takes second place in Microsoft search challenge.” (Feb 24)
- Chronicle of Higher Education.** “The rise of the megajournal” Paul Basken. (Jan 13)
- Thomas Reuters. “The state of journal evaluation.” (December)
- 2015 UW eScience. “UW Research Science Team Takes 2nd in WSDM Cup” (Dec 1)
- Bloomberg News.** “Patents By Women – Better In The Life Sciences?” John T. Aquino (Nov 12)
- Inside Higher Ed.** “Men Who Admire Their Own Work.” Scott Jaschik. (Aug. 25)
- FiveThirtyEight.** “In Science, It Matters that Women Come Last.” Emma Pierson. (Aug. 5)
- Data Technology. “Finding Relevant Data Gets Easier With New Microsoft Research Graph.” Michael Hart. (June 29)
- UW iSchool. “DataLab at the University of Washington iSchool.” (June 15)
- 2014 **Nature.** “Bibliometrics: the citation game.” Jonathan Adams. (June 25)
- Popular Science Magazine.** “The Life Cycle of Ideas.” Katie Peek. (May 21)
- The Chronicle of Higher Education.** “Lowered Cites.” Robin Wilson. (March 17)
- Think Magazine.** “Visualizing and analyzing large data.” (January)
- UW iSchool. “Big Data expert Jevin West joins the iSchool as assistant professor.” (Jan 5)
- 2013 **Nature.** “Open access: The true cost of science publishing.” (March 17)
- Wired.** “Finding Bang for your Buck in the World of Open Access.” Samuel Arbesman. (February 7)
- The Scientist.** “Cheap Impact?” Dan Cossins. (January 23)

- Nature.** “Price doesn’t always buy prestige in open access.” Zoe Corbyn. (January 22)
- 2012 **The Chronicle of Higher Education.** “Scholarly Publishing’s Gender Gap.” Robin Wilson. (October 22)
- The Chronicle of Higher Education.** “The Marketplace in Your Brain.” (September 24)
- The Scientist.** “Predicting Publishing Futures.” Sabrina Richards. (September 12)
- Science.** “Live Chat: The Science of Decision Making.” Jane J. Lee. (April 11)
- College of Science Letters. “Live Chat: The Science of Decision Making.” Jane J. Lee. (January 10)
- 2011 **Science News.** “Uncommitted newbies can foil forceful few.” Susan Milius. (December 15)
- MSNBC.** “Can ignorance make a better democracy? In fish it can...” Joseph Castro. (December 15)
- The Chronicle of Higher Education.** “The Anatomy of Influence.” Evan R. Goldstein. (November 8)
- The Boston Globe.** “Academic Influence, Visualized.” Josh Rothman. (October 5)
- The Chronicle of Higher Education.** “Citation by Citation, New Maps Chart Hot Research and Scholarship’s Hidden Terrain.” Jennifer Howard. (September 11)
- Nature.** “Computing giants launch free science metrics.” Declan Butler. (August 2)
- The Economist.** “Of goats and headaches.” (May 26)
- 2010 Above the Law. “Ranking the Law Reviews.” Elie Mystal. (October 6)
- Concurring Opinions. “The Top Law Reviews (Eigenfactor).” Lawrence Cunningham. (October 5)
- The Chronicle of Higher Education.** “Conference Explores How to Find – and Make Findable – Information in a Digital Sea.” Jennifer Howard. (September 29)
- Galileo. “Scienziati vs criteri quantitativi.” (June 22)
- Nature.** “Let’s make science metrics more scientific.” Julia Lane. (March 25)
- The Scientist.** “Science on the map.” Jef Akst. (January 28)
- NPR,** “All Things Considered”. “Want to argue about ‘sharia’? Here’s what it means.” (January 27)
- 2009 **The Chronicle of Higher Education.** “Scholars Seek Better Metrics for Assessing Research Productivity.” David Glenn. (December 16)
- Utah State University. “USU’s David Peak Named Utah’s 2009 Carnegie Professor of the Year” (November 19)
- Wired.** “The Genius Index: One Scientist’s Crusade to Rewrite Reputation Rules.” Wired Staff. (May 22)
- Journal of Biological Chemistry. “Journal of Biological Chemistry Cover” (May 8)
- Proceedings of the National Academy of Sciences.** “The most influential journals: Impact Factor and Eigenfactor”

Funding

- 2018 (PI) Improving access to the literature. **JSTOR** (\$110,000)
- (PI) Facilitating the curation and conversation of biotech history. **Science History Museum**. (\$19,992)
- 2017 (PI) Calling Bullshit in the Age of Fake News. **Knight Foundation** (\$50,000)
- (PI) Echo Chambers in Science? The Impact of Academic Recommender Systems on the Dissemination of Scientific Knowledge. **National Science Foundation** (NSF SciSip) (\$293,372)
- (PI) Tracking Data Science Funding. **Gordon and Betty Moore Foundation** (\$5,000)
- Scholarship Allocation. UW Academic Services (RA Support)
- 2016 (PI) Measuring scholarly influence. **Pew Charitable Trust** and **Chemical Heritage Foundation** (\$43,073)
- (RA) Incorporating citation recommendation into Semantic Scholar. Allen Institute for Artificial Intelligence (\$14,000)
- (PI) Improving market function in Open Access publishing through transparent comparison of journal price and quality. **Sloan Foundation** (\$124,370)
- (PI) Employing Data Science at the University of Washington. Royalty Research Fund, UW (\$39,404)
- (PI) Mapping and Recommending Scholarly Articles. JSTOR Gift (\$110,000)
- (co-PI) CCE STEM: Collaborative: Learning from Ethics Self-Regulation in InfoSec Research. **National Science Foundation** (\$336,058)
- (PI) Fundamental Mathematical Models for Human Interactions. **Pacific Northwest National Laboratory** (\$88,516)
- (collaborator) Open Data Literacy. Institute of Museum and Library Services (\$690,858)
- (PI) Cloud Computing. Microsoft Azure (\$20,000)
- 2015 (PI) Diversification dynamics of scientific ideas using small clustering for community detection. Metaknowledge Network, Templeton Foundation (\$35,000)
- (PI) Inferring the hierarchical structure of citation networks to improve semantic search. Metaknowledge Network, **Templeton Foundation** (\$109,172)
- Semantic Scholar Recommendation. Allen Institute for Artificial Intelligence (RA Support)
- DataLab Gift. Tony Hey (\$2,000)
- (PI) Measuring the Influence Pew Scholars. **Pew Charitable Trust** (\$24,044)
- (RA) Mapping student trajectories. UW Grad School (\$14,000)
- (AWS) Recommendation as a service (\$5,000)

	(PI) Data Science Education. Cisco (\$2,000)
	(PI) DataLab. Tony Hey (\$2,000)
2014	(PI) Scholarly recommendation of PLoS content. Public Library of Science (\$24,000)
	Mapping Student Trajectories. UW Graduate School (RA Support)
	(RA) Metaknowledge Network, Templeton Foundation (\$14,000)
	(co-PI) Blackrock Research (\$49,251)
	(PI) Auto-classifying scholarly publications. Microsoft (\$40,000)
	(co-PI) Metaknowledge Network, Templeton Foundation (\$15,015)
	(co-PI) Eigenfactor Project. CoMotion, UW (\$5,000)
	(PI) Cloud Computing. Amazon Web Services (\$5,000)
2013	(PI) Evaluating scholarly influence. Kauffman Foundation (\$18,000)
	(co-PI) DataLab Formation. Costco (\$60,000)
2012	(PI) Postdoctoral Fellow. Center for Commercialization, UW (\$36,000)
2011	(co-PI) Mapping citation networks over time. JSTOR (\$90,000)

Teaching

I co-founded the course, “Calling Bullshit in the Age of Big Data”. It has garnered world-wide attention and is being taught at many universities and high schools. I am actively involved in developing curricula in Data Science at UW at the undergraduate and graduate level. I also founded the CourseSector.org project, which looks at historical transcript data as a way of better understanding student trajectories.

Teaching Awards

Nominated for **UW Distinguished Teaching Award** (Fall 2017)

Huckabay Fellowship, UW Graduate School (Winter 2007 - Summer 2007)

Nominated for Ingrith Deyrup-Olsen Teaching Award (Spring 2007)

Courses

2019	INFO 371: Core Methods in Data Science (Spring 2019)
2018	INFO 180: Introduction to Data Science (Fall 2018)
	INFO 371: Core Methods in Data Science (Spring 2018)
	INFX 574: Machine Learning and Econometrics (Winter)
2017	INFO 198: Calling Bullshit in the Age of Big Data (Spring)
	INFX 574: Machine Learning and Econometrics (Winter)

2016	INFX 575: Data Scaling, Applications and Ethics (Spring)
	INFO 370: Introduction to Data Science (Fall)
2015	INFO 370: Introduction to Data Science (Fall)
	Introduction to Data Science & Management (Summer, Sungkyunkwan University)
	INFX 575: Data Science III: Scaling, Applications, & Ethics (Spring)
2014	INFO 370: Introduction to Data Science (Spring)
	INSC 570: Research Design (Fall)
	INFX 598: Advanced Methods in Data Science (Spring)
2013	INFO 498: Introduction to Data Science (Spring)
	INSC 570: Research Design (Fall)

Curriculum Development

Undergraduate Option in Data Science, UW Informatics Program (2013 - present)
 Masters in Data Science, UW Professional & Continuing Education (2014 - present)
 Introduction to Data Science, UW iSchool (2014 - present)
 MSIM Data Science Series, UW iSchool (2013 - present)
 Summer Teaching Institute, Seattle School District (Summer 2009)
 Huckabay Teaching Seminar (Winter 2009), Howard Hughs RA (Summer 2006)

Advising

PhD	(co-advised) Benji Xie, Information School (2017 - present)
	Ian Wesley-Smith, Information School (2015 - present)
	Benjamin Xie, Information School (2017 - present)
	Ryan McGee, Biology (2015 - present)
	Poshen Lee, Computer Science (2014 - present)
	Lavi Aulck, Information School (2014 - present)
	Jason Portenoy, Information School (2013 - present)
	Ray Hong, HCDE (2013 - present)
	Amit Misra, Astronomy (2013 - 2014)
MS	Prerak Pradhan, MSIM (2013-2015)
	Nishant Sinha, MSIM (2013-2015)
	Kelly Toskey, MLIS (2014 - 2015)
BS	Terri Northcut, MLIS (2014)
	Nishant Velagapudi, Informatics (2016 - present)
	Logan Walls, Informatics (2016 - present)
	Patrick Spieker, Computer Science (2015 - present)

Katherine Zhu, Informatics (2015 - present)
 Nick Thorpe, Informatics (2015)
 Jeff Giorgi, Informatics (2013 - 2014)
 UW Data Science Club (2016 - present)

Guest Lectures

2018	SKKU Visiting Program (Jan 18)
2017	DATA 556: Introduction to Statistics (Dec 6) ESRM 455: Wildlife Science Seminar Series (May 22) INFX 200: Intellectual Foundations of Informatics (March 1)
2016	INFX 561: Visualization Design (April 25)
2015	INFO 372: Introduction to Data Science (MLIS, MSIM) (Dec. 2) INFO 200: Intellectual Foundations of Informatics (Oct. 28) INSC 570 Research Design (Oct. 23) SKKU Data Science Camp, UW (Feb 2-12)
2014	UW iSchool Preview Day Lecture (Nov. 15) Network Science, University Colorado Leeds School of Business (Nov. 7) SKKU Big Data Lecture, UW (Aug 19) HCDE 411: Information Visualization (Winter) HCDE 511: Information Visualization (Feb. 26)
2013	INFO 200: Introduction to Information Science (Fall) HCDE 411: Information Visualization (Winter)
2009	BIS 232: Visualizing Quantitative Data, UW Bothell (Feb 25)
2008	BIOL 113: Diversity in Learning (May 22)
2007	BIOL 492: The Teaching of Biology, UW (Spring)
2006	BIOL 429: Models in Biology, UW (Dec 6) BIOL 510: Seminar in Mathematical Biology, UW (May 11)
2004	AP Calculus, Logan High School (May 5)

Service

Board Membership

ADVANCE Resource and Coordination Network (ARC) Research Advisory Board (2017 - present)
 Open Academic Society Advisory Board (2016 - present)
 ASKXXI: Art and Science Knowledge-Building (2018 - present)
 TASHA Advisory Board

UW iSchool Committees

MSIM Data Science Steward, UW iSchool (2017 - present)
 Informatics INFO 370 Steward, UW iSchool (2017 - present)
 Informatics Program Committee, UW iSchool (2015 - present)

PhD Admissions, UW iSchool (2014 - 2015)
Informatics Admissions, UW iSchool (2013 - 2014)
IAC Search Committee, UW iSchool (2014 - present)

Hiring Committees

MSIM Faculty Search (2018 - 2019)
Open Faculty Search (ad hoc), UW iSchool (2018)
Data Science (2016 - present)
MSDS Hiring Committee (2016)
Information Assurance & Cybersecurity (2014 - 2015)

UW Committees

Masters in Data Science (MSDS) Committee Member, UW (2017 - present)
Masters in Data Science Admissions Committee, UW (2017 - present)
Faculty Council on University Libraries, UW (2015 - present)
eScience Steering Committee, UW (2014 - present)
eScience Education Working Group, UW (2014 - present)
Data Science Seminar Committee, UW (2014 - present)
PCE Data Science Masters, UW (2014 - present)
MSDS Admissions Committee, UW (2016 - present)

Peer Review, Journals, Conferences and Proposals

Journal of the Association for Information Science & Technology (Editorial Board), Science, iConference (Paper Chair), NetSci (Program Committee), Data Mining & Knowledge Discovery, Nature, Journal of Informetrics (Editorial Board), Proceedings of the Royal Society B, Science Advances, Economic Inquiry, Sociological Science, IEEE Transactions on Big Data, Scientometrics, PLoS One, SIGCHI, International Society for Scientometrics and Informetrics (Program Committee), Journal of Librarianship & Scholarly Communication, WWW, ASIS&T, Journal of Data and Information Science (Editorial Board), Journal of Information Technology, eLife, Faculty 1000, Harvard Review of Psychiatry, New England Journal of Medicine, PLoS Biology, Information Management, R Journal, PeerJ, Knowledge-based Systems, BioScience, PLoS Computational Biology, Plant Cell & Environment, Journal of Information Technology, National Science Foundation (SciSIP), Sloan Foundation, Netherlands Organisation for Scientific Research, Cambridge University Press