Michael D. Ekstrand, Ph.D.

CURRICULUM VITAE

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EDUCATION

Ph.D. (2014)	Computer Science, University of Minnesota. Advisers: John T. Riedl and Joseph A. Konstan
B.S. (2007)	Computer Engineering, Iowa State University.

EMPLOYMENT HISTORY

2023–present	Assistant Professor, Dept. of Information Science, *Drexel University* PI/Lead, Impact, Novation, Effectiveness, and Responsibility of Technology for Information Access Lab (INERTIAL)
2022–2023	Associate Professor, Dept. of Computer Science, *Boise State University* Co-director, People and Information Research Team (PIReT)
2016–2022	Assistant Professor, Dept. of Computer Science, *Boise State University* Co-director, People and Information Research Team (PIReT)
2014–2016	Assistant Professor, Dept. of Computer Science, *Texas State University*

STUDENTS

CURRENT PH.D. STUDENTS

- **Samira Vaez Barenji** (expected 2029)
- **Sushobhan Parajuli** (expected 2029)

PH.D. GRADUATES

- **Ngozi Ihemelandu** (Ph.D. 2024, Boise State University; dissertation: *Best Practices for Offline Evaluation for Top-N Recommendation: Candidate Set Sampling and Statistical Inference*)
- **Amifa Raj** (Ph.D. 2023, Boise State University; dissertation: *Fair Layouts in Information Access Systems: Provider-Side Group Fairness in Ranking Beyond Ranked Lists*)

M.S. GRADUATES

Students who have completed an M.S. thesis or project under my supervision.

- **Srabanti Guha** (M.S. 2023, Boise State University; project: *Explaining Misallocated Exposure across Multiple Rankings*)
- **Carlos Segura Cerna** (M.S. 2020, Boise State University; project: *Recommendation Server for LensKit*)
- **Mucun Tian** (M.S. 2019, Boise State University; thesis: *Estimating Error and Bias of Offline Recommender System Evaluation Results*)
- **Vaibhav Mahant** (M.S. 2016, Texas State University; thesis: *Improving Top-N Evaluation of Recommender Systems*)
- **Sushma Channamsetty** (M.S. 2016, Texas State University; thesis: *Recommender Response to User Profile Diversity and Popularity Bias*)

- **Mohammed Imran R Kazi** (M.S. 2016, Texas State University; thesis: *Exploring Potentially Discriminatory Biases in Book Recommendation*)
- **Shuvabrata Saha** (M.S. 2016, Texas State University; co-advised with Dr. Apan Qasem; thesis: *A Multi-objective Autotuning Framework For The Java Virtual Machine*)

UNDERGRADUATE STUDENT RESEARCH

I have supported and mentored the following undergraduate research students: Hillary Nguyen (Drexel, STAR 2026), Zhixian Li (Drexel), Christine Pinney (BSU, UGRA + REU), Liana Shiroma (Colby Coll., REU 2021), Stephen Randall (U. Pitt, REU 2021), Connor Wood (BSU, REU 2020 + UGRA), Ananda Montoly (Smith Coll., REU 2020), Sandra Ambriz (BSU, HERC + UGRA).

Funding key:

- STAR: Drexel STAR Scholars program
- UGRA: undergraduate research assistant hired from research funds
- REU: Research Experience for Undergraduates
- HERC: Higher Education Research Consortium

RESEARCH FUNDING

EXTERNAL GRANTS // 2 // $664K TO ME // 1.9M TOTAL

2023–2026 NSF 22-32553 $150K / $1.4M — NSF Collaborative Research: CCRI: New: A Research News Recommender Infrastructure with Live Users for Algorithm and Interface Experimentation ($1.4M; Drexel PI, my share $150K; Lead PI Joseph A. Konstan, UMN).

2018–2025 NSF 17-51278 $514K — **NSF CAREER:** User-Based Simulation Methods for Quantifying Sources of Error and Bias in Recommender Systems ($514K incl. REU supplements; PI; $43,598 brought to Drexel).

INTERNAL GRANTS // 2 // $27K

2017 BSU COED — Boise State College of Education Civility Grant: LITERATE: Locating Informational Texts for Engaging Readers And Teaching Equitably ($19K; co-PI; with PI Katherine Wright & co-PI Sole Pera).

2014 TXST REP — Texas State University Research Enhancement Program (competitive internal research grant): Temporal Analysis of Recommender Systems ($8K; PI).

PUBLICATIONS & RESEARCH PRODUCTS

Citation counts are from Google Scholar (total 7025, *h*-index 35). Google Scholar merges some publications; in these cases, citations are reported on the most final version, such as the journal expansion of a conference article. Statistics last updated Sep 9, 2026.

JOURNAL ARTICLES // 11

Referreed articles published in journals.

J11. **Michael D. Ekstrand**, Aleksandra Sarcevic, Afsaneh Razi, Maria Soledad Pera, Robin Burke, and Katherine Landau Wright. 2026. "Recommending With, Not For: Co-Designing Recommender Systems for Social Good". *Transactions on Recommender Systems* **5**(1) (August 2026; online August 4, 2025), pp. 3:1–24. doi 10.1145/3759261. arXiv 2508.03792 [cs.HC]. Cited 19 times. *Selected for presentation at RecSys 2026.*

authors: **me**, advisee, other student; †presenter, §undergrad. code available. published at Drexel.

J10. Fernando Diaz, **Michael D. Ekstrand**, and Bhaskar Mitra. 2025. "Recall, Robustness, and Lexicographic Evaluation". *Transactions on Recommender Systems* **4**(1) (July 2025; online April 6, 2025), pp. 13:1–50. doi 10.1145/3728373. arXiv 2302.11370 [cs.IR]. Cited 17 times.

J9. Jonathan Stray, Alon Halevy, Parisa Assar, Dylan Hadfield-Menell, Chloe Bakalar, Craig Boutilier, Amar Ashar, Lex Beattie, **Michael Ekstrand**, Claire Leibowicz, Connie Moon Sehat, Sara Johansen, Lianne Kerlin, David Vickrey, Spandana Singh, Sanne Vrijenhoek, Amy Zhang, McKane Andrus, Natali Helberger, Polina Proutskova, Tanushree Mitra, and Nina Vasan. 2024. "Building Human Values into Recommender Systems: An Interdisciplinary Synthesis". *Transactions on Recommender Systems* **2**(3) (June 2024; online November 2, 2023), pp. 20:1–57. doi 10.1145/3632297. arXiv 2207.10192 [cs.IR]. Cited 219 times.

J8. **Michael D. Ekstrand**, Ben Carterette, and Fernando Diaz. 2024. "Distributionally-Informed Recommender System Evaluation". *Transactions on Recommender Systems* **2**(1) (March 2024; online August 7, 2023), pp. 6:1–27. doi 10.1145/3613455. arXiv 2309.05892 [cs.IR]. Cited 40 times.

J7. **Michael D. Ekstrand**, Anubrata Das, Robin Burke, and Fernando Diaz. 2022. "Fairness in Information Access Systems". *Foundations and Trends® in Information Retrieval* **16**(1–2) (July 2022), pp. 1–177. doi 10.1561/1500000079. arXiv 2105.05779 [cs.IR]. Impact factor: 8. Cited 311 times.

J6. **Michael D. Ekstrand** and Daniel Kluver. 2021. "Exploring Author Gender in Book Rating and Recommendation". *User Modeling and User-Adapted Interaction* **31**(3) (February 2021), pp. 377–420. doi 10.1007/s11257-020-09284-2. arXiv 1808.07586v2 [cs.IR]. Impact factor: 4.412. Cited 246 times.

J5. **Michael D. Ekstrand**, Katherine Landau Wright, and Maria Soledad Pera. 2020. "Enhancing Classroom Instruction with Online News". *Aslib Journal of Information Management* **72**(5) (November 2020; online June 2, 2020), pp. 725–744. doi 10.1108/AJIM-11-2019-0309. Impact factor: 1.903. Cited 26 times.

J4. **Michael D. Ekstrand** and Michael Ludwig. 2016. "Dependency Injection with Static Analysis and Context-Aware Policy". *Journal of Object Technology* **15**(1) (February 2016), pp. 1:1–31. doi 10.5381/jot.2016.15.1.a1. Cited 17 times.

J3. Joseph A. Konstan, J.D. Walker, D. Christopher Brooks, Keith Brown, and **Michael D. Ekstrand**. 2015. "Teaching Recommender Systems at Large Scale: Evaluation and Lessons Learned from a Hybrid MOOC". *Transactions on Computer-Human Interaction* **22**(2) (April 2015), pp. 10:1–23. doi 10.1145/2728171. Impact factor: 1.293. Cited 114 times.

J2. Justin J. Levandoski, **Michael D. Ekstrand**, Michael J. Ludwig, Ahmad Eldawy, Mohamed F. Mokbel, and John T. Riedl. 2011. "RecBench: Benchmarks for Evaluating Performance of Recommender System Architectures". *Proceedings of the VLDB Endowment* **4**(11) (August 2011), pp. 911–920. doi 10.14778/3402707.3402729. Acceptance rate: 18%. Cited 25 times.

J1. **Michael D. Ekstrand**, John T. Riedl, and Joseph A. Konstan. 2011. "Collaborative Filtering Recommender Systems". *Foundations and Trends® in Human-Computer Interaction* **4**(2) (February 2011), pp. 81–173. doi 10.1561/1100000009. Cited 1898 times.

PEER-REVIEWED CONFERENCE PAPERS // 35

Fully peer-reviewed full and short papers published in conference proceedings. In my field, we publish mainly in conferences, so full conference papers at reputable conferences are comparable to journal papers in their prestige and impact.

C35. Sushobhan Parajuli[†], Samira Vaez Barenji, and **Michael D. Ekstrand**. 2026. "On the Convergent Validity of Offline Evaluation Designs for Recommender Systems". To appear in *Proceedings of the 20th ACM Conference on Recommender Systems* (RecSys '26), Sep 28–Oct 2, 2026. 8 pp. doi 10.1145/3773078.3831818. arXiv 2607.25097 [cs.IR]. Acceptance rate: 18%.

C34. Alexandra Olteanu[†], Su Lin Blodgett, Agathe Balayn, Angelina Wang, Fernando Diaz, Flavio du Pin Calmon, Margaret Mitchell, **Michael Ekstrand**, Reuben Binns, and Solon Barocas. 2025. "Rigor in AI: Doing Rigorous AI Work Requires a Broader, Responsible AI-Informed Conception of Rigor". In *Procedings of the Thirty-Ninth Annual Conference on Neural Information Processing Systems* (NeurIPS 2025, Position Papers), Nov 30, 2025. arXiv 2506.14652 [cs.CY]. Acceptance rate: 8%. Cited 12 times.

C33. Jacy Reese Anthis[†], Kristian Lum, **Michael Ekstrand**, Avi Feller, and Chenhao Tan. 2025. "The Impossibility of Fair LLMs". In *Proceedings of the 63rd Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)* (ACL 2025), Jul 27–Aug 1, 2025. Association for Computational Linguistics, pp. 105–120. doi 10.18653/v1/2025.acl-long.5. arXiv 2406.03198 [cs.CL]. Acceptance rate: 20.3%. Cited 76 times.

C32. Mohammad Namvarpour[†], Elham Aghakhani, **Michael D. Ekstrand**, Rezvaneh Rezapour, and Afsaneh Razi. 2025. "The Evolving Landscape of Online Child Safety: Insights from Media Analysis". In *Proceedings of the 17th ACM Web Science Conference* (WebSci '25), May 20–24, 2025. doi 10.1145/3717867.3717874. Acceptance rate: 39.6%. Cited 5 times.

C31. Andrés Ferraro, **Michael D. Ekstrand**, and Christine Bauer. 2024. "It's Not You, It's Me: The Impact of Choice Models and Ranking Strategies on Gender Imbalance in Music Recommendation". Short paper in *Proceedings of the 18th ACM Conference on Recommender Systems* (RecSys '24), Oct 14, 2024. ACM, pp. 884–889. doi 10.1145/3640457.3688163. arXiv 2409.03781 [cs.IR]. Acceptance rate: 22%. Cited 19 times.

C30. Ngozi Ihemelandu and **Michael D. Ekstrand**[†]. 2024. "Multiple Testing for IR and Recommendation System Experiments". Short paper in *Proceedings of the 46th European Conference on Information Retrieval* (ECIR '24), Mar 24–28, 2024. *Lecture Notes in Computer Science* **14610**, pp. 449–457. doi 10.1007/978-3-031-56063-7_37. Acceptance rate: 24.3%. Cited 5 times.

C29. **Michael D. Ekstrand**[†], Lex Beattie, Maria Soledad Pera, and Henriette Cramer. 2024. "Not Just Algorithms: Strategically Addressing Consumer Impacts in Information Retrieval". In *Proceedings of the 46th European Conference on Information Retrieval* (ECIR '24, IR for

Good track), Mar 24–28, 2024. *Lecture Notes in Computer Science* **14611**, pp. 314–335. 10.1007/978-3-031-56066-8_25. Acceptance rate: 35.9%. Cited 22 times.

C28. Amifa Raj and **Michael D. Ekstrand**†. 2024. "Towards Optimizing Ranking in Grid-Layout for Provider-side Fairness". In *Proceedings of the 46th European Conference on Information Retrieval* (ECIR '24, IR for Good track), Mar 24–28, 2024. *Lecture Notes in Computer Science* **14612**, pp. 90–105. 10.1007/978-3-031-56069-9_7. Acceptance rate: 35.9%. Cited 9 times.

C27. Ngozi Ihemelandu† and **Michael D. Ekstrand**. 2023. "Candidate Set Sampling for Evaluating Top-N Recommendation". In *Proceedings of the 22nd IEEE/WIC International Conference on Web Intelligence and Intelligent Agent Technology* (WI-IAT '23), Oct 26–29, 2023. pp. 88-94. 10.1109/WI-IAT59888.2023.00018. 2309.11723 [cs.IR]. Acceptance rate: 28%. Cited 12 times.

C26. Amifa Raj, Bhaskar Mitra, **Michael D. Ekstrand**†, and Nick Craswell. 2023. "Patterns of Gender-Specializing Query Reformulation". Short paper in *Proceedings of the 46th International ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR '23), Jul 23, 2023. pp. 2241–2245. 10.1145/3539618.3592034. 2304.13129 [cs.IR]. Acceptance rate: 25.1%. Cited 9 times.

C25. Ngozi Ihemelandu and **Michael D. Ekstrand**†. 2023. "Inference at Scale: Significance Testing for Large Search and Recommendation Experiments". Short paper in *Proceedings of the 46th International ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR '23), Jul 23, 2023. pp. 2087–2091. 10.1145/3539618.3592004. 2305.02461 [cs.IR]. Acceptance rate: 25.1%. Cited 8 times.

C24. Christine Pinney§†, Amifa Raj, Alex Hanna, and **Michael D. Ekstrand**. 2023. "Much Ado About Gender: Current Practices and Future Recommendations for Appropriate Gender-Aware Information Access". In *Proceedings of the 2023 Conference on Human Information Interaction and Retrieval* (CHIIR '23), Mar 19, 2023. pp. 269–279. 10.1145/3576840.3578316. 2301.04780 [cs.IR]. Acceptance rate: 39.4%. Cited 39 times.

C23. Amifa Raj† and **Michael D. Ekstrand**. 2022. "Measuring Fairness in Ranked Results: An Analytical and Empirical Comparison". In *Proceedings of the 45th International ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR '22), Jul 11, 2022. pp. 726–736. 10.1145/3477495.3532018. Acceptance rate: 20%. Cited 103 times.

C22. A. K. M. Nuhil Mehdy†, **Michael D. Ekstrand**, Bart Knijnenburg, and Hoda Mehrpouyan. 2021. "Privacy as a Planned Behavior: Effects of Situational Factors on Privacy Perceptions and Plans". In *Proceedings of the 29th ACM Conference on User Modeling, Adaptation and Personalization* (UMAP '21), Jul 1, 2021. ACM, pp. 169–178. 10.1145/3450613.3456829. 2104.11847 [cs.SI]. Acceptance rate: 23%. Cited 33 times.

C21. Ömer Kırnap†, Fernando Diaz, Asia J. Biega, **Michael D. Ekstrand**, Ben Carterette, and Emine Yılmaz. 2021. "Estimation of Fair Ranking Metrics with Incomplete Judgments". In *Proceedings of The Web Conference 2021* (TheWebConf 2021), Apr 19, 2021. ACM, pp.

1065–1075. 10.1145/3442381.3450080. 2108.05152 [cs.IR]. Acceptance rate: 21%. Cited 63 times.

C20. **Michael D. Ekstrand**†. 2020. "LensKit for Python: Next-Generation Software for Recommender Systems Experiments". In *Proceedings of the 29th ACM International Conference on Information and Knowledge Management* (CIKM '20, Resource track), Oct 21, 2020. ACM, pp. 2999–3006. 10.1145/3340531.3412778. 1809.03125 [cs.IR]. No acceptance rate reported Cited 166 times.

C19. Fernando Diaz†, Bhaskar Mitra, **Michael D. Ekstrand**, Asia J. Biega, and Ben Carterette. 2020. "Evaluating Stochastic Rankings with Expected Exposure". In *Proceedings of the 29th ACM International Conference on Information and Knowledge Management* (CIKM '20), Oct 21, 2020. ACM, pp. 275–284. 10.1145/3340531.3411962. 2004.13157 [cs.IR]. Acceptance rate: 20%. Nominated for Best Long Paper Cited 257 times.

C18. Mucun Tian and **Michael D. Ekstrand**. 2020. "Estimating Error and Bias in Offline Evaluation Results". Short paper in *Proceedings of the 2020 Conference on Human Information Interaction and Retrieval* (CHIIR '20), Mar 14, 2020. ACM, pp. 392–396. 10.1145/3343413.3378004. 2001.09455 [cs.IR]. Acceptance rate: 47%. Cited 20 times.

C17. **Michael D. Ekstrand**†, Mucun Tian, Mohammed R. Imran Kazi, Hoda Mehrpouyan, and Daniel Kluver. 2018. "Exploring Author Gender in Book Rating and Recommendation". In *Proceedings of the 12th ACM Conference on Recommender Systems* (RecSys '18), Oct 3, 2018. ACM, pp. 242–250. 10.1145/3240323.3240373. 1808.07586v1 [cs.IR]. Acceptance rate: 17.5%. Citations reported under **J6**.

C16. **Michael D. Ekstrand**†, Rezvan Joshaghani, and Hoda Mehrpouyan†. 2018. "Privacy for All: Ensuring Fair and Equitable Privacy Protections". In *Proceedings of the 1st Conference on Fairness, Accountability and Transparency* (FAT* 2018), Feb 23, 2018. PMLR, *Proceedings of Machine Learning Research* **81**, pp. 35–47. proceedings.mlr.press/v81/ekstrand18a.html. Acceptance rate: 24%. Cited 123 times.

C15. **Michael D. Ekstrand**†, Mucun Tian, Ion Madrazo Azpiazu, Jennifer D. Ekstrand, Oghenemaro Anuyah, David McNeill§, and Maria Soledad Pera. 2018. "All The Cool Kids, How Do They Fit In?: Popularity and Demographic Biases in Recommender Evaluation and Effectiveness". In *Proceedings of the 1st Conference on Fairness, Accountability and Transparency* (FAT* 2018), Feb 23, 2018. PMLR, *Proceedings of Machine Learning Research* **81**, pp. 172–186. proceedings.mlr.press/v81/ekstrand18b.html. Acceptance rate: 24%. Cited 428 times.

C14. **Michael D. Ekstrand**† and Vaibhav Mahant. 2017. "Sturgeon and the Cool Kids: Problems with Random Decoys for Top-N Recommender Evaluation". In *Proceedings of the 30th International Florida Artificial Intelligence Research Society Conference* (Recommender Systems track), May 29, 2017. AAAI, pp. 639–644. aaai.org/papers/639-flairs-2017-15534/. No acceptance rate reported Cited 29 times.

C13. Sushma Channamsetty and **Michael D. Ekstrand**†. 2017. "Recommender Response to Diversity and Popularity Bias in User Profiles". Short paper in *Proceedings of the 30th International Florida Artificial Intelligence Research Society Conference* (Recommender

Systems track), May 29, 2017. AAAI, pp. 657–660. aaai.org/papers/657-flairs-2017-15524/. No acceptance rate reported. Cited 24 times.

C12. **Michael D. Ekstrand**[†] and Martijn C. Willemsen. 2016. "Behaviorism is Not Enough: Better Recommendations through Listening to Users". In *Proceedings of the Tenth ACM Conference on Recommender Systems* (RecSys '16, Past, Present, and Future track), Sep 17, 2016. ACM, pp. 221–224. doi:10.1145/2959100.2959179. Acceptance rate: 36%. Cited 181 times.

C11. **Michael D. Ekstrand**[†], Daniel Kluver, F. Maxwell Harper, and Joseph A. Konstan. 2015. "Letting Users Choose Recommender Algorithms: An Experimental Study". In *Proceedings of the 9th ACM Conference on Recommender Systems* (RecSys '15), Sep 16, 2015. ACM, pp. 11–18. doi:10.1145/2792838.2800195. Acceptance rate: 21%. Cited 149 times.

C10. **Michael D. Ekstrand**[†], F. Maxwell Harper, Martijn C. Willemsen, and Joseph A. Konstan. 2014. "User Perception of Differences in Recommender Algorithms". In *Proceedings of the 8th ACM Conference on Recommender Systems* (RecSys '14), Oct 6, 2014. ACM, pp. 161–168. doi:10.1145/2645710.2645737. Acceptance rate: 23%. Cited 338 times.

C9. Joseph A. Konstan[†], J.D. Walker, D. Christopher Brooks, Keith Brown, and **Michael D. Ekstrand**. 2014. "Teaching Recommender Systems at Large Scale: Evaluation and Lessons Learned from a Hybrid MOOC". In *Proceedings of the First ACM Conference on Learning @ Scale* (L@S '14), Mar 4, 2014. ACM, pp. 61–70. doi:10.1145/2556325.2566244. Acceptance rate: 37%. Citations reported under **J3**.

C8. Tien T. Nguyen[†], Daniel Kluver, Ting-Yu Wang[§], Pik-Mai Hui[§], **Michael D. Ekstrand**, Martijn C. Willemsen, and John Riedl. 2013. "Rating Support Interfaces to Improve User Experience and Recommender Accuracy". In *Proceedings of the 7th ACM Conference on Recommender Systems* (RecSys '13), Oct 14, 2013. ACM, pp. 149–156. doi:10.1145/2507157.2507188. Acceptance rate: 24%. Cited 61 times.

C7. **Michael Ekstrand**[†] and John Riedl. 2012. "When Recommenders Fail: Predicting Recommender Failure for Algorithm Selection and Combination". Short paper in *Proceedings of the Sixth ACM Conference on Recommender Systems* (RecSys '12), Sep 10, 2012. ACM, pp. 233–236. doi:10.1145/2365952.2366002. Acceptance rate: 32%. Cited 93 times.

C6. Daniel Kluver[†], Tien T. Nguyen, **Michael Ekstrand**, Shilad Sen, and John Riedl. 2012. "How Many Bits per Rating?". In *Proceedings of the Sixth ACM Conference on Recommender Systems* (RecSys '12), Sep 10, 2012. ACM, pp. 99–106. doi:10.1145/2365952.2365974. Acceptance rate: 20%. Cited 49 times.

C5. Justin J. Levandoski[†], Mohamed Sarwat, Mohamed F. Mokbel, and **Michael D. Ekstrand**. 2012. "RecStore: An Extensible And Adaptive Framework for Online Recommender Queries Inside the Database Engine". In *Proceedings of the 15th International Conference on Extending Database Technology* (EDBT '12), Mar 26, 2012. ACM, pp. 86–96. doi:10.1145/2247596.2247608. Acceptance rate: 23%. Cited 19 times.

C4. **Michael D. Ekstrand**†, Michael Ludwig, Joseph A. Konstan, and John T. Riedl. **2011**. "Rethinking The Recommender Research Ecosystem: Reproducibility, Openness, and LensKit". In *Proceedings of the Fifth ACM Conference on Recommender Systems* (RecSys '11), Oct 24, 2011. ACM, pp. 133–140. doi 10.1145/2043932.2043958. Acceptance rate: 27% (20% for oral presentation, which this received). Cited 264 times.

C3. **Michael Ekstrand**†, Wei Li, Tovi Grossman, Justin Matejka, and George Fitzmaurice. **2011**. "Searching for Software Learning Resources Using Application Context". In *Proceedings of the 24th Annual ACM Symposium on User Interface Software and Technology* (UIST '11), Oct 17, 2011. ACM, pp. 195–204. doi 10.1145/2047196.2047220. Acceptance rate: 25%. Cited 61 times.

C2. **Michael D. Ekstrand**†, Praveen Kannan, James A. Stempter, John T. Butler, Joseph A. Konstan, and John T. Riedl. **2010**. "Automatically Building Research Reading Lists". In *Proceedings of the 4th ACM Conference on Recommender Systems* (RecSys '10), Sep 27, 2010. ACM, pp. 159–166. doi 10.1145/1864708.1864740. Acceptance rate: 19%. Cited 136 times.

C1. **Michael D. Ekstrand**† and John T. Riedl. **2009**. "rv you're dumb: Identifying Discarded Work in Wiki Article History". In *Proceedings of the 5th International Symposium on Wikis and Open Collaboration* (WikiSym '09), Oct 25, 2009. ACM, 10 pp. doi 10.1145/1641309.1641317. Acceptance rate: 36%. Selected as Best Paper Cited 37 times.

BOOK CHAPTERS // 2

BC2. **Michael D. Ekstrand**, Anubrata Das, Robin Burke, and Fernando Diaz. **2022**. "Fairness in Recommender Systems". In *Recommender Systems Handbook* (3rd edition). Francesco Ricci, Lior Roach, and Bracha Shapira, eds. Springer-Verlag, pp. 679–707. doi 10.1007/978-1-0716-2197-4_18. Cited 80 times.

BC1. Daniel Kluver, **Michael D. Ekstrand**, and Joseph A. Konstan. **2018**. "Rating-Based Collaborative Filtering: Algorithms and Evaluation". In *Social Information Access*. Peter Brusilovsky and Daqing He, eds. Springer-Verlag, *Lecture Notes in Computer Science*, vol. 10100, pp. 344–390. doi 10.1007/978-3-319-90092-6_10. Cited 165 times.

WORKSHOPS AND POSTERS // 22

Peer-reviewed articles for workshops, poster proceedings, and similar venues.

W22. Sushobhan Parajuli†, Vittoria Vineis, Samira Vaez Barenji, and **Michael D. Ekstrand**. **2026**. "Book Readership During Movie Releases: An Exploratory Analysis". To appear in *RecTemp 2026: 3rd Workshop Temporal Reasoning in Recommender Systems*, Sep 28, 2026.

W21. **Michael D. Ekstrand**, Daniel Kluver, Karl Higley, and Bart P. Knijnenburg. **2026**. "Monte Carlo Power Analysis for Small-System A/B Trials". To appear in *Proceedings of the 20th ACM Conference on Recommender Systems* (Research and Practice Notes), Sep 28–Oct 2, 2026. 2 pp. doi 10.1145/3773078.3841270.

W20. Alan Said, Maria Soledad Pera, and **Michael D. Ekstrand**. **2025**. "We're Still Doing It (All) Wrong: Recommender Systems, Fifteen Years Later". In *Proceedings of Beyond Algorithms: Reclaiming the Interdisciplinary Roots of Recommender Systems Workshop*

(BEYOND 2025), at RecSys 2025, Sep 26, 2025. *CEUR Workshop Proceedings* **4063**. ceur-ws.org/Vol-4063/paper5.pdf. 2509.09414 [cs.IR]. Cited 12 times.

W19. Karl Higley, Robin Burke, **Michael D. Ekstrand**, and Bart Knijnenburg. **2025**. "What News Recommendation Research Did (But Mostly Didn't) Teach Us About Building A News Recommender". In *Proceedings of Beyond Algorithms: Reclaiming the Interdisciplinary Roots of Recommender Systems Workshop (BEYOND 2025)*, at RecSys 2025, Sep 26, 2025. *CEUR Workshop Proceedings* **4063**. ceur-ws.org/Vol-4063/paper1.pdf. 2509.12361 [cs.IR]. Cited 7 times.

W18. Samira Vaez Barenji†, Sushobhan Parajuli, and **Michael D. Ekstrand**. **2025**. "User and Recommender Behavior Over Time: Contextualizing Activity, Effectiveness, Diversity, and Fairness in Book Recommendation". In *Adjunct Proceedings of the 33rd ACM Conference on User Modeling, Adaptation and Personalization* (UMAP Adjunct '25), Workshop on Fairness in User Modeling, Adaptation and Personalization, Jun 16, 2025. 10.1145/3708319.3733710. 2505.04518 [cs.IR]. Cited 1 time.

W17. Jacy Reese Anthis, Kristian Lum, **Michael Ekstrand**, Avi Feller, Alexander D'Amour, and Chenhao Tan. **2024**. "The Impossibility of Fair LLMs". In *HEAL: Human-centered Evaluation and Auditing of Language Models*, a non-archival workshop at CHI 2024, May 12, 2024. 2406.03198v1 [cs.CL]. Citations reported under **C33**.

W16. Amifa Raj and **Michael D. Ekstrand**†. **2023**. "Towards Measuring Fairness in Grid Layout in Recommender Systems". Presented at the cite-venue()[6th FAccTrec Workshop on Responsible Recommendation] at RecSys 2023 (peer-reviewed but not archived). 2309.10271 [cs.IR]. Cited 1 time.

W15. **Michael D. Ekstrand**† and Maria Soledad Pera. **2022**. "Matching Consumer Fairness Objectives & Strategies for RecSys". Presented at the cite-venue()[5th FAccTrec Workshop on Responsible Recommendation] at RecSys 2022 (peer-reviewed but not archived). 2209.02662 [cs.IR]. Cited 11 times.

W14. Amifa Raj† and **Michael D. Ekstrand**. **2022**. "Fire Dragon and Unicorn Princess: Gender Stereotypes and Children's Products in Search Engine Responses". In *SIGIR eCom '22*, Jul 15, 2022. 9 pp. 10.48550/arXiv.2206.13747. 2206.13747 [cs.IR]. Cited 17 times.

W13. Lawrence Spear†, Ashlee Milton, Garrett Allen, Amifa Raj, Michael Green, **Michael D. Ekstrand**, and Maria Soledad Pera. **2021**. "Baby Shark to Barracuda: Analyzing Children's Music Listening Behavior". In *RecSys 2021 Late-Breaking Results* (RecSys '21 LBR), Sep 26, 2021. pp. 639–644. 10.1145/3460231.3478856. Cited 20 times.

W12. Ngozi Ihemelandu† and **Michael D. Ekstrand**. **2021**. "Statistical Inference: The Missing Piece of RecSys Experiment Reliability Discourse". In *Proceedings of the Perspectives on the Evaluation of Recommender Systems Workshop 2021* (PERSPECTIVES @ RecSys '21), Sep 25, 2021. CEUR Workshop Proceedings. ceur-ws.org/Vol-2955/paper9.pdf. 2109.06424 [cs.IR]. Cited 10 times.

W11. Amifa Raj†, Ashlee Milton, and **Michael D. Ekstrand**. **2021**. "Pink for Princesses, Blue for Superheroes: The Need to Examine Gender Stereotypes in Kids' Products in Search and Recommendations". In *Proceedings of the 5th International and Interdisciplinary*

Workshop on Children & Recommender Systems (KidRec '21), at IDC 2021, Jun 27, 2021. 2105.09296. Cited 13 times.

W10. Amifa Raj[†], Connor Wood[§], Ananda Montoly[§], and **Michael D. Ekstrand**. **2020**. "Comparing Fair Ranking Metrics". Presented at the cite-venue()[3rd FAccTrec Workshop on Responsible Recommendation] at RecSys 2020 (peer-reviewed but not archived). 2009.01311 [cs.IR]. Cited 51 times.

W9. **Michael D. Ekstrand**, Ion Madrazo Azpiazu[†], Katherine Landau Wright, and Maria Soledad Pera. **2018**. "Retrieving and Recommending for the Classroom: Stakeholders, Objectives, Resources, and Users". In *Proceedings of the ComplexRec 2018 Second Workshop on Recommendation in Complex Scenarios* (ComplexRec '18), at RecSys 2018, Oct 7, 2018. Cited 10 times.

W8. Mucun Tian[†] and **Michael D. Ekstrand**. **2018**. "Monte Carlo Estimates of Evaluation Metric Error and Bias". *Computer Science Faculty Publications and Presentations* 148, Boise State University. Presented at the cite-venue()[REVEAL 2018 Workshop on Offline Evaluation for Recommender Systems] at RecSys 2018. 10.18122/cs_facpubs/148/boisestate. Cited 1 time.

W7. **Michael D. Ekstrand**[†]. **2018**. "The LKPY Package for Recommender Systems Experiments: Next-Generation Tools and Lessons Learned from the LensKit Project". *Computer Science Faculty Publications and Presentations* 147, Boise State University. Presented at the cite-venue()[REVEAL 2018 Workshop on Offline Evaluation for Recommender Systems] at RecSys 2018. 10.18122/cs_facpubs/147/boisestate. 1809.03125v1 [cs.IR]. Cited 12 times.

W6. Maria Soledad Pera[†], Katherine Wright, and **Michael D. Ekstrand**. **2018**. "Recommending Texts to Children with an Expert in the Loop". In *Proceedings of the 2nd International Workshop on Children & Recommender Systems* (KidRec '18), at IDC 2018, Jun 19, 2018. 10.18122/cs_facpubs/140/boisestate. Cited 6 times.

W5. Rezvan Joshaghani[†], **Michael D. Ekstrand**, Bart Knijnenburg, and Hoda Mehrpouyan. **2018**. "Do Different Groups Have Comparable Privacy Tradeoffs?". In *Moving Beyond a 'One-Size Fits All' Approach: Exploring Individual Differences in Privacy*, a workshop at CHI 2018, Apr 21, 2018. Cited 4 times.

W4. **Michael D. Ekstrand**[†] and Maria Soledad Pera. **2017**. "The Demographics of Cool: Popularity and Recommender Performance for Different Groups of Users". In *RecSys 2017 Poster Proceedings*, Aug 28, 2017. CEUR, *Workshop Proceedings* **1905**. Cited 17 times.

W3. **Michael D. Ekstrand**[†]. **2017**. "Challenges in Evaluating Recommendations for Children". In *Proceedings of the International Workshop on Children & Recommender Systems* (KidRec), at RecSys 2017, Aug 27, 2017. Cited 15 times.

W2. Jennifer D. Ekstrand[†] and **Michael D. Ekstrand**. **2016**. "First Do No Harm: Considering and Minimizing Harm in Recommender Systems Designed for Engendering Health". In *Proceedings of the Workshop on Recommender Systems for Health at RecSys '16*, Sep 15, 2016. Cited 19 times.

W1. **Michael D. Ekstrand**. 2014. "Building Open-Source Tools for Reproducible Research and Education". At *Sharing, Re-use, and Circulation of Resources in Cooperative Scientific Work*, a workshop at CSCW 2014, Feb 15, 2014.

EDITORIALLY-REVIEWED PUBLICATIONS // 5

Articles in magazines, journals, etc. that were editorially reviewed.

E5. Johanne R. Trippas, J. Shane Culpepper, Mohammad Aliannejadi, James Allan, Enrique Amigó, Jaime Arguello, Leif Azzopardi, Peter Bailey, Jamie Callan, Rob Capra, Nick Craswell, Bruce Croft, Jeff Dalton, Gianluca Demartini, Laura Dietz, Zhicheng Dou, Carsten Eickhoff, **Michael Ekstrand**, Nicola Ferro, Norbert Fuhr, Dorota Glowacka, Faegheh Hasibi, Danula Hettiachchi, Rosie Jones, Jaap Kamps, Noriko Kando, Sarvnaz Karimi, Makoto P Kato, Bevan Koopman, Yiqun Liu, Chenglong Ma, Joel Mackenzie, Maria Maistro, Jiaxin Mao, Dana McKay, Bhaskar Mitra, Stefano Mizzaro, Alistair Moffat, Josiane Mothe, Iadh Ounis, Lida Rashidi, Yongli Ren, Mark Sanderson, Rodrygo Santos, Falk Scholer, Chirag Shah, Laurianne Sitbon, Ian Soboroff, Damiano Spina, Paul Thomas, Julián Urbano, Arjen de Vries, Ryen White, Abby Yuan, Hamed Zamani, Oleg Zendel, Min Zhang, Justin Zobel, Shengyao Zhuang, and Guido Zuccon. 2025. "Report from the Fourth Strategic Workshop on Information Retrieval in Lorne (SWIRL 2025)". *SIGIR Forum* **59**(1) (June 2025), pp. 1–68. doi 10.1145/3769733.3769739. Cited 38 times.

E4. **Michael D. Ekstrand**, Maria Soledad Pera, and Katherine Landau Wright. 2023. "Seeking Information with a 'More Knowledgeable Other'". *ACM Interactions* **30**(1) (January 2023), pp. 70–73. doi 10.1145/3573364. Cited 11 times.

E3. Nasim Sonboli, Robin Burke, **Michael Ekstrand**, and Rishabh Mehrotra. 2022. "The Multisided Complexity of Fairness in Recommender Systems". *AI Magazine* **43**(2) (June 2022), pp. 164–176. doi 10.1002/aaai.12054. Cited 59 times.

E2. Alexandra Olteanu, Jean Garcia-Gathright, Maarten de Rijke, **Michael D. Ekstrand**, Adam Roegiest, Aldo Lipani, Alex Beutel, Ana Lucic, Ana-Andreea Stoica, Anubrata Das, Asia Biega, Bart Voorn, Claudia Hauff, Damiano Spina, David Lewis, Douglas W Oard, Emine Yilmaz, Faegheh Hasibi, Gabriella Kazai, Graham McDonald, Hinda Haned, Iadh Ounis, Ilse van der Linden, Joris Baan, Kamuela N Lau, Krisztian Balog, Mahmoud Sayed, Maria Panteli, Mark Sanderson, Matthew Lease, Preethi Lahoti, and Toshihiro Kamishima. 2019. "FACTS-IR: Fairness, Accountability, Confidentiality, Transparency, and Safety in Information Retrieval". *SIGIR Forum* **53**(2) (December 2019), pp. 20–43. doi 10.1145/3458553.3458556. Cited 73 times.

E1. Nicola Ferro, Norbert Fuhr, Gregory Grefenstette, Joseph A. Konstan, Pablo Castells, Elizabeth M. Daly, Thierry Declerck, **Michael D. Ekstrand**, Werner Geyer, Julio Gonzalo, Tsvi Kuflik, Krister Lindén, Bernardo Magnini, Jian-Yun Nie, Raffaele Perego, Bracha Shapira, Ian Soboroff, Nava Tintarev, Karin Verspoor, Martijn C. Willemsen, and Justin Zobel. 2018. "The Dagstuhl Perspectives Workshop on Performance Modeling and Prediction". *SIGIR Forum* **52**(1) (June 2018), pp. 91–101. doi 10.1145/3274784.3274789. Cited 19 times.

TUTORIALS // 6

T6. **Michael D. Ekstrand**. 2026. "Continuous Automated Reproducibility: Practical Tools and Workflows for Reproducible Research Workflows". Tutorial to be presented at *Proceedings of the 20th ACM Conference on Recommender Systems* (RecSys '26), Sep 28–Oct 2, 2026. doi 10.1145/3773078.3831854.

T5. Robin Burke and **Michael D. Ekstrand**. 2025. "Conducting Recommender Systems User Studies Using POPROX". Tutorial presented at *Proceedings of the 33rd ACM International Conference on User Modeling, Adaptation, and Personalization* (UMAP 2025), Jun 16–19, 2025. doi 10.1145/3708319.3727558. Cited 15 times.

T4. **Michael D. Ekstrand**. 2025. "Fairness in Information Access: Conceptual Foundations and New Directions". Tutorial presented at *Proceedings of the 47th European Conference on Information Retrieval*, Apr 6, 2025. doi 10.1007/978-3-031-88720-8_41. Cited 1 time.

T3. Joseph A. Konstan, Robin Burke, and **Michael D. Ekstrand**. 2024. "Conducting Recommender Systems User Studies Using POPROX". Tutorial presented at *Proceedings of the 18th ACM Conference on Recommender Systems* (RecSys '24), Oct 14–18, 2024. pp. 1277–1278. doi 10.1145/3640457.3687092.

T2. **Michael D. Ekstrand**, Fernando Diaz, and Robin Burke. 2019. "Fairness and Discrimination in Recommendation and Retrieval". Tutorial presented at *Proceedings of the 13th ACM Conference on Recommender Systems* (RecSys '19), Sep 19, 2019. pp. 576–577. doi 10.1145/3298689.3346964. Cited 67 times.

T1. **Michael D. Ekstrand**, Fernando Diaz, and Robin Burke. 2019. "Fairness and Discrimination in Retrieval and Recommendation". Tutorial presented at *Proceedings of the 42nd International ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR '19), Jul 21, 2019. pp. 1403–1404. doi 10.1145/3331184.3331380. Cited 72 times.

DEMOS // 3

D3. Tobias Vente, **Michael Ekstrand**, and Joeran Beel. 2023. "Introducing LensKit-Auto, an Experimental Automated Recommender System (AutoRecSys) Toolkit". Demo recorded in *Proceedings of the 17th ACM Conference on Recommender Systems* (RecSys '23), Sep 18–22, 2023. pp. 1212–1216. doi 10.1145/3604915.3610656. Cited 28 times.

D2. Ashlee Milton[§†], Michael Green, Adam Keener, Joshua Ames[§], **Michael D. Ekstrand**, and Maria Soledad Pera. 2019. "StoryTime: Eliciting Preferences from Children for Book Recommendations". Demo recorded in *Proceedings of the 13th ACM Conference on Recommender Systems* (RecSys '19), Sep 19, 2019. 2 pp. doi 10.1145/3298689.3347048. Cited 16 times.

D1. **Michael D. Ekstrand**[†], Michael Ludwig, Jack Kolb[§], and John T. Riedl. 2011. "LensKit: A Modular Recommender Framework". Demo recorded in *Proceedings of the 5th ACM Conference on Recommender Systems* (RecSys '11), Oct 27, 2011. ACM, pp. 349-350. doi 10.1145/2043932.2044001. Cited 50 times.

PREPRINTS AND REPORTS // 4

Unreviewed preprints, technical reports, and similar manuscripts.

Alexandra Olteanu, **Michael Ekstrand**, Carlos Castillo, and Jina Suh. 2023. "Responsible AI Research Needs Impact Statements Too". 2311.11776 [cs.AI]. Cited 24 times.

Amifa Raj and **Michael D. Ekstrand**. 2023. "Unified Browsing Models for Linear and Grid Layouts". 2310.12524 [cs.IR]. Cited 4 times.

Michael D. Ekstrand. 2021. "Multiversal Simulacra: Understanding Hypotheticals and Possible Worlds Through Simulation". 2110.00811 [cs.IR]. Cited 4 times.

Michael D. Ekstrand and Joseph A. Konstan. 2019. "Recommender Systems Notation: Proposed Common Notation for Teaching and Research". *Computer Science Faculty Publications and Presentations* 177, Boise State University. 10.18122/cs_facpubs/177/boisestate. 1902.01348 [cs.IR]. Cited 12 times.

WORKSHOP SUMMARIES AND REPORTS // 21

Summaries for workshops and special issues I have co-organized, as well as outcome reports that aren't listed under another category.

Bhaskar Mitra, Dana Mckay, **Michael D. Ekstrand**, Sanne Vrijenhoek, and Maria Murray. 2026. "Justice, Emancipation, Democracy, and Information Access (JEDI): The SIGIR Workshop on Resisting Corporate and Authoritarian Capture of Information Access Platforms". Meeting summary in *Proceedings of the 49th International ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR '26), Jul 19, 2026. ACM. 10.1145/3805712.3808651. Cited 1 time.

Michael D. Ekstrand, Toshihiro Kamishima, Amifa Raj, and Karlijn Dinnissen. 2025. "FAccTRec 2025: The 8th Workshop on Responsible Recommendation". Meeting summary in *Proceedings of the 18th ACM Conference on Recommender Systems* (RecSys '25), Sep 7, 2025. ACM. 10.1145/3705328.374850. Cited 1 time.

Michael D. Ekstrand, Toshihiro Kamishima, Amifa Raj, and Karlijn Dinnissen. 2024. "FAccTRec 2024: The 7th Workshop on Responsible Recommendation". Meeting summary in *Proceedings of the 18th ACM Conference on Recommender Systems* (RecSys '24), Oct 14, 2024. ACM. 10.1145/3640457.3687111. Cited 2 times.

Michael D. Ekstrand, Maria Soledad Pera, and Alan Said. 2024. "AltRecSys: A Workshop on Alternative, Unexpected, and Critical Ideas on Recommendation". Meeting summary in *Proceedings of the 18th ACM Conference on Recommender Systems* (RecSys '24), Oct 14, 2024. ACM. 10.1145/3640457.3687104. Cited 1 time.

Michael D. Ekstrand, Jean Garcia-Gathright, Nasim Sonboli, Amifa Raj, and Karlijn Dinnissen. 2023. "FAccTRec 2023: The 6th Workshop on Responsible Recommendation". Meeting summary in *Proceedings of the 17th ACM Conference on Recommender Systems* (RecSys '23), Sep 24, 2023. ACM. 10.1145/3604915.3608761. Cited 3 times.

Michael D. Ekstrand, Graham McDonald, Amifa Raj, and Isaac Johnson. 2023. "Overview of the TREC 2022 Fair Ranking Track". Meeting summary in *The Thirty-First Text REtrieval Conference (TREC 2022) Proceedings* (TREC 2022), Mar 1, 2023. trec.nist.gov/pubs/trec31/papers/Overview_fair.pdf. 2302.05558. Cited 78 times.

Michael D. Ekstrand, Graham McDonald, Amifa Raj, and Isaac Johnson. 2022. "Overview of the TREC 2021 Fair Ranking Track". Meeting summary in *The Thirtieth Text REtrieval Conference (TREC 2021) Proceedings* (TREC 2021), Mar 1, 2022. trec.nist.gov/pubs/trec30/papers/Overview-F.pdf.

Michael D. Ekstrand, Pierre-Nicolas Schwab, Toshihiro Kamishima, and Nasim Sonboli. 2021. "FAccTRec 2021: The 4th Workshop on Responsible Recommendation". Meeting summary in *Proceedings of the 15th ACM Conference on Recommender Systems* (RecSys '21), Sep 24, 2021. ACM. doi 10.1145/3460231.3470932. Cited 3 times.

Michael D. Ekstrand, Allison Chaney, Pablo Castells, Robin Burke, David Rohde, and Manel Slokom. 2021. "SimuRec: Workshop on Synthetic Data and Simulation Methods for Recommender Systems Research". Meeting summary in *Proceedings of the 15th ACM Conference on Recommender Systems* (RecSys '21), Sep 13, 2021. ACM. doi 10.1145/3460231.3470938. Cited 30 times.

Robin Burke, **Michael D. Ekstrand**, Nava Tintarev, and Julita Vassileva. 2021. "Preface to the Special Issue on Fair, Accountable, and Transparent Recommender Systems". *User Modeling and User-Adapted Interaction* (**unknown type preface**) **31**(3) (July 2021), pp. 371–375. doi 10.1007/s11257-021-09297-5. Cited 11 times.

Asia J. Biega, Fernando Diaz, **Michael D. Ekstrand**, Sergey Feldman, and Sebastian Kohlmeier. 2021. "Overview of the TREC 2020 Fair Ranking Track". Meeting summary in *The Twenty-Ninth Text REtrieval Conference (TREC 2020) Proceedings* (TREC 2020), Mar 1, 2021. trec.nist.gov/pubs/trec29/papers/OVERVIEW.FR.pdf. 2108.05135. Cited 20 times.

Michael D. Ekstrand, Pierre-Nicolas Schwab, Jean Garcia-Gathright, Toshihiro Kamishima, and Nasim Sonboli. 2020. "3rd FATREC Workshop: Responsible Recommendation". Meeting summary in *Proceedings of the 14th ACM Conference on Recommender Systems* (RecSys '20), Sep 15, 2020. ACM. doi 10.1145/3383313.3411538. Cited 7 times.

Bamshad Mobasher, Stylani Kleanthous, **Michael D. Ekstrand**, Bettina Berendt, Janna Otterbacher, and Avital Schulner Tal. 2020. "UMAP 2020 Fairness in User Modeling, Adaptation and Personalization (FairUMAP 2020) Chairs' Welcome". Meeting summary in *Adjunct Publication of the 28th ACM Conference on User Modeling, Adaptation and Personalization* (UMAP '20 Adjunct), Jul 1, 2020. ACM. doi 10.1145/3386392.3399565.

Bamshad Mobasher, Stylani Kleanthous, **Michael D. Ekstrand**, Bettina Berendt, Janna Otterbacher, and Avital Schulner Tal. 2020. "FairUMAP 2020: The 3rd Workshop on Fairness in User Modeling, Adaptation and Personalization". Meeting summary in *Proceedings of the 28th ACM Conference on User Modeling, Adaptation and Personalization* (UMAP '20), Jul 1, 2020. ACM. doi 10.1145/3340631.3398671. Cited 5 times.

Asia J. Biega, Fernando Diaz, **Michael D. Ekstrand**, and Sebastian Kohlmeier. 2020. "Overview of the TREC 2019 Fair Ranking Track". Meeting summary in *The Twenty-Eighth Text REtrieval Conference (TREC 2019) Proceedings* (TREC 2019), Mar 25, 2020. trec.nist.gov/pubs/trec28/papers/OVERVIEW.FR.pdf. 2003.11650. Cited 56 times.

Alexandra Olteanu, Jean Garcia-Gathright, Maarten de Rijke, and **Michael D. Ekstrand**. 2019. "Workshop on Fairness, Accountability, Confidentiality, Transparency, and Safety in Information

Retrieval (FACTS-IR)". Meeting summary in *Proceedings of the 42nd International ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR '19), Jul 21, 2019. ACM. doi 10.1145/3331184.3331644.

Bettina Berendt, Veronika Bogina, Robin Burke, **Michael D. Ekstrand**, Alan Hartman, Stylani Kleanthous, Tsvi Kuflik, Bamshad Mobasher, and Janna Otterbacher. **2019**. "FairUMAP 2019 Chairs' Welcome Overview". Meeting summary in *Adjunct Publication of the 27th Conference on User Modeling, Adaptation and Personalization* (UMAP '19), Jun 9, 2019. ACM. doi 10.1145/3314183.3323842.

Toshihiro Kamishima, Pierre-Nicolas Schwab, and **Michael D. Ekstrand**. **2018**. "2nd FATREC Workshop: Responsible Recommendation". Meeting summary in *Proceedings of the 12th ACM Conference on Recommender Systems* (RecSys '18), Oct 7, 2018. ACM. doi 10.1145/3240323.3240335. Cited 14 times.

Bamshad Mobasher, Robin Burke, **Michael D. Ekstrand**, and Bettina Berendt. **2018**. "UMAP 2018 Fairness in User Modeling, Adaptation and Personalization (FairUMAP 2018) Chairs' Welcome & Organization". Meeting summary in *Adjunct Publication of the 26th Conference on User Modeling, Adaptation, and Personalization* (UMAP '18), Jul 8, 2018. ACM. doi 10.1145/3213586.3226200.

Michael D. Ekstrand and Amit Sharma. **2017**. "The FATREC Workshop on Responsible Recommendation". Meeting summary in *Proceedings of the 11th ACM Conference on Recommender Systems* (RecSys '17), Aug 28, 2017. ACM. doi 10.1145/3109859.3109960. Cited 7 times.

Martijn Willemsen, Dirk Bollen, and **Michael Ekstrand**. **2011**. "UCERSTI 2: Second Workshop on User-Centric Evaluation of Recommender Systems and Their Interfaces". Meeting summary in *Proceedings of the 5th ACM Conference on Recommender Systems* (RecSys '11), Oct 23, 2011. ACM, pp. 395–396. doi 10.1145/2043932.2044020. Cited 8 times.

OTHER PUBLICATIONS // 6

Publications and abstract-only presentations that don't fit elsewhere.

Michael D. Ekstrand, Ben Carterette, and Fernando Diaz. **2021**. "Evaluating Recommenders with Distributions". In *Proceedings of the RecSys 2021 Workshop on Perspectives on the Evaluation of Recommender Systems* (PERSPECTIVES @ RecSys '21), Sep 25, 2021. Cited 2 times.

Katherine Landau Wright, David McNeill, **Michael D. Ekstrand**, and Maria Soledad Pera. **2019**. "Supplementing Classroom Texts with Online Resources". At *2019 American Educational Research Association Conference*, Apr 5, 2019. Cited 17 times.

Nicola Ferro, Norbert Fuhr, Gregory Grefenstette, Joseph A. Konstan, Pablo Castells, Elizabeth M. Daly, Thierry Declerck, **Michael D. Ekstrand**, Werner Geyer, Julio Gonzalo, Tsvi Kuflik, Krister Lindén, Bernardo Magnini, Jian-Yun Nie, Raffaele Perego, Bracha Shapira, Ian Soboroff, Nava Tintarev, Karin Verspoor, Martijn C. Willemsen, and Justin Zobel. **2018**. "From Evaluating to Forecasting Performance: How to Turn Information Retrieval, Natural Language Processing and Recommender Systems into Predictive Sciences (Dagstuhl Perspectives Workshop 17442)". *Dagstuhl Manifestos* **7**(1) (November 2018), pp. 96–139. doi 10.4230/DagMan.7.1.96. Cited 22 times.

Katherine Landau Wright, **Michael D. Ekstrand**, and Maria Soledad Pera. 2018. "Supplementing Classroom Texts with Online Resources". At *2018 Annual Meeting of the Northwest Rocky Mountain Educational Research Association*, Oct 18, 2018.

Michael D. Ekstrand. 2017. "Yak Shaving with Michael Ekstrand". *CSR Tales* (**unknown type blog**) no. 4 (December 2017). PURL:purl.org/mde/alpaca.

Michael D. Ekstrand. 2014. "Towards Recommender Engineering: Tools and Experiments in Recommender Differences". HDL:11299/165307. ☙ Cited 8 times. *Ph.D thesis, University of Minnesota.*

SOFTWARE AND DATA

I have built several open-source software packages and data sets in the course of my research and other work. Open-source software distribution and open data are key pieces of my research dissemination strategy. My most significant development efforts are:

- LensKit, a toolkit for building, researching, and studying recommender systems. As of July 2026, the Python version (2018–) has been used in **139 papers**, theses, and educational resources, etc.[1], including the PBS show *Crash Course AI*. It has been downloaded over **89K times** from the Python Package Index in the last 12 months (according to PyPIStats). The original Java version (in development 2010–2018) has been used in **76 publications**[2] and as well as over **2500 students** to complete programming assignments in the Recommender Systems MOOC.

  The current version is 2026.3.0, released on Aug. 6, 2026. It is the 42nd release of LensKit for Python. LensKit documentation and further details are at `https://lenskit.org`.

- Book Data Tools, software tools to integrate multiple public sources of book and book consumption data into a data set for studying social effects in book publication, reading, and recommendation. Used in J6, W22, W18, W16, W10, C28, C21, C23, and C17. `https://bookdata.inertial.science`

Active Supporting Packages

My work has also produced a number of open-source utility packages to support this software and other efforts, including:

- Guardian Tcl (and underlying `jimtcl` Rust crate), a set of safe Rust bindings to the Jim Tcl interpreter and an extended Tcl shell with commands for processing JSON-style data. `https://codeberg.org/mdekstrand/rust-jim`
- `friendly`, a Rust package for rendering human-friendly numeric quantities with significant digits, auto-scaling SI and binary prefixes, etc. `https://github.com/mdekstrand/friendly`
- `hyperstatic`, a TypeScript library for generating static HTML or XML with JSX or a HyperScript-like API. `https://npmjs.com/package/@mdekstrand/hyperstatic`
- `hbsinterp`, a TypeScript interpreter for Handlebars templates optimized for content templating. `https://npmjs.com/package/@mdekstrand/hbsinterp`

[1] Full list at `https://lenskit.org/latest/research/papers.html`.

[2] Full list at `https://lenskit.org/latest/research/java-papers.html`.

INVITED TALKS // 54

Sep 2026 Seminar at *University of Amsterdam* (Amsterdam, NL)
Operationalizing Optimism

Sep 2026 Seminar at *Radboud University* (Nijmegen, NL)
What, Why, and How do We Retrieve?

Sep 2026 Seminar at *Jheronimus Academy of Data Science (JADS)* ('s-Hertogenbosch, NL)
Where are the People?

Mar 2026 Remarks at *Workshop on Recommender Systems for Social Good* (organized by the Ethical Data Initiative at TU Munich; virtual)
Why Recommend?

Nov 2025 Seminar at *University of Maryland* (College Park, MD)
Operationalizing Optimism

Oct 2025 Seminar at *Abington Free Library*
Online Information Access

Sep 2025 Lecture at *ACM Europe Summer School on Recommender Systems*
Fairness in Recommender Systems

Sep 2025 Seminar at *TU Wien Dept. of Informatics*
Where are the People?

Aug 2025 Seminar at *Microsoft Research* (Montreal, Canada)
Operationalizing Optimism

Jun 2025 Keynote at *AI & Society Conference 2025* (Zhuhai, China)
Searching for Fairness

May 2025 Seminar at *UMass CIIR Talk Series* (Amherst, MA)
Search, Recommendation, and Sea Monsters

Mar 2025 Seminar at *Pinterest AI Labs* (online)
Search, Recommendation, and Sea Monsters

Oct 2024 Keynote at *ROEGEN* (workshop at RecSys 2024; Bari, Italy)
Responsible Recommendation in the Age of Generative AI

Jul 2024 Panelist at *Workshop on Large Language Models (LLMs) for Evaluation in Information Retrieval* (at SIGIR 2024; Washington, DC)

May 2024 Overview talk at *Dagstuhl Seminar 24211* (Wadern, Germany)

May 2024 Seminar at *Delft University of Technology* (Delft, NL)
Search, Recommendation, and Sea Monsters

Mar 2024 Keynote at *IR4U2* (workshop at ECIR 2024; Glasgow, Scotland)
To Serve Whom and How?

Feb 2024 Seminar at *University of Colorado at Boulder* (Boulder, CO)
Search, Recommendation, and Sea Monsters

Oct 2023 Seminar at *University of Glasgow* (virtual)
Search, Recommendation, and Sea Monsters

May 2023 Invited talk at *Beyond Nudging, Towards Diversity: Understanding Transparent Algorithmic Recommendation Practices for Media and Communications* (post-conference panel at ICA 2023; virtual)
Beyond Diversity and Transparency: Normative Recommendation Goals in Human Context

Mar 2023 Seminar at *University of Texas at Austin HCI group* (Austin, TX)
Search, Recommendation, and Sea Monsters

Feb 2023 Seminar at *Drexel University*
Maps and Lenses on Fairness in Information Access Systems

Jan 2023 Seminar at *University of Washington RAISE group*
Equity and Discrimination in Information Access

Nov 2022 Keynote at *IBIS2022 (Information-Based Inductive Systems and Machine Learning)* (Japanese machine learning conference; Tsukuba, JP)
The Complexity of Fairness in Information Access

Nov 2022 Seminar at *Waseda University* (Tokyo, JP)
Equity and Discrimination in Information Access

Oct 2022 Keynote at *EvalRS workshop at CIKM 2022*
Do You Want To Hunt A Kraken? Mapping and Expanding Recommendation Fairness

Sep 2022 Guest lecture at *University of Maine IR course* (virtual)
Fair IR and Test Collections

Mar 2022 Seminar at *University of Michigan School of Information* (virtual)
You Might Also Think This Is Unfair

Nov 2021 Seminar at *Vector Institute* (virtual)
Information Systems for Human Flourishing

Oct 2020 Guest lecture at *Carnegie Mellon University Human-AI Interaction course*
Recommender Systems and Fairness

May 2020 Lecture at *Idaho Council for Libraries* (Info2Go continuing education session; virtual)
Online Recommendation: What? Where? Why? How?

Apr 2020 Guest lecture at *Emory University recommender systems course*
Recommender Systems and Fairness

Mar 2020 Seminar at *Boise State University Ph.D in Computing Colloquium*
User, Agent, Subject, Spy

Nov 2019 Seminar at *University of Texas at Austin*
User, Agent, Subject, Spy

Oct 2019 Session at *Idaho Library Association 2019 Conference*
Online Recommendation: What? Where? Why? How?

Aug 2019 Lecture at *IVADO Summer School* (Montréal, QC)
Fairness and Discrimination in Recommendation and Retrieval

Aug 2019 Seminar at *Microsoft Research Montréal*
User, Agent, Subject, Spy

Jul 2019 Seminar at *Criteo AI Labs* (Paris, France)
User, Agent, Subject, Spy

May 2019 Invited talk at *CRA CCC Visioning Workshop on Economics and Fairness*
Recommendations, Decisions, Feedback Loops, and Maybe Saving the Planet

Dec 2018 Seminar at *Clemson University*
User, Agent, Subject, Spy

Nov 2018 Seminar at *Carnegie Mellon University Human-Computer Interaction Institute*
User, Agent, Subject, Spy

Nov 2018 Guest lecture at *Carnegie Mellon University Human-AI Interaction course*
Recommender Systems

Nov 2017 Seminar at *Whitman College* (Walla Walla, WA)
Making Information Systems Good for People

Oct 2017 Overview talk at *Dagstuhl Seminar 17442*
Jun 2017 Seminar at *RecSysNL at TU Delft* (Delft, NL)
Recommending for People
Jun 2017 Seminar at *Jheronimus Academy of Data Science* ('s-Hertogenbosch, NL)
Recommending for People
Jun 2017 Seminar at *UCL Mons* (Mons, BE)
Recommending for People
Jun 2017 Keynote at *Brussels Big Data and Ethics Meetup* (inaugural event of the DigitYser Big Data community; Brussels, BE)
Responsible Recommendation
Nov 2016 Seminar at *University at Albany*
Recommending for People
Oct 2016 Lecture at *Clearwater Developer Conference* (Boise, ID)
Introduction to Recommender Systems
Sep 2015 Invited talk at *Large-Scale Recommender Systems* (workshop at RecSys '15)
Challenges in Scaling Recommender Systems Research
Sep 2015 Invited talk at *RecSys Doctoral Symposium*
Levelling Up your Academic Career
Sep 2012 Invited talk at *RecSys Challenge* (workshop at RecSys '12)
Flexible Recommender Experiments with LensKit
Sep 2012 Invited talk at *RecSys Challenge* (workshop at RecSys '12)
The MovieLens Data Set

TEACHING

DREXEL UNIVERSITY

- DSCI 611 (Data Workflow Automation)
- DSCI 641 (Recommender Systems for Data Science)
- INFO 659 (Intro to Data Analytics)
- INFO 873 (Equity in AI and Computing)

OPEN EDUCATIONAL RESOURCES

- Notes on Data Science (NoDS), a collection of tutorials and resources on data science, data-driven computation, and statistics. I add to this as I create more resources for my classes and research students.
- Introduction to Data Science, the open-licensed videos, course structure, assignments I developed for CS 533 at Boise State University.

BOISE STATE UNIVERSITY

- CS 410/510 (Databases)
- CS 533 (Intro to Data Science)
- CS 538 (Recommender Systems)
- CS 697 (Special Topics: Equity and Discrimination in Computing Systems)

TEXAS STATE UNIVERSITY

- CS 4332 (Intro to Database Systems)
- CS 3320 (Internet Software Development)
- CS 5369Q/4379Q (Recommender Systems)

- CS 4350 (Unix Systems Programming)

COURSERA

I co-created the Recommender Systems specialization on Coursera, along with its two previous single-class versions, with Joseph A. Konstan. This course has reached over 95,000 learners across its 3 iterations.

UNIVERSITY OF MINNESOTA

- Instructor for CS 5980-1 (Intro to Recommender Systems)
- Summer instructor for CS 1902 (Structure of Computer Programming II)
- TA for CSCI 5125 (Collaborative and Social Computing) and CSCI 1902

TEACHING PROFESSIONAL DEVELOPMENT

- Led Drexel IS teaching brown-bag on team-based learning.
- Drexel Teaching & Learning Center workshop on engaging assignments.
- Boise State University teaching portfolio faculty learning community.
- Boise State University *Ten for Teaching* program.
- Boise State University Center for Teaching and Learning *Course Design Institute*, a one-week intensive session in Summer 2017.
- Boise State CTL workshops on service learning, mastery-based grading, and other topics.
- Texas State University's *Program for Excellence in Teaching and Learning* (2014–2015).
- *Preparing Future Faculty* at the University of Minnesota.

SERVICE

ONGOING PROFESSIONAL SERVICE, MEMBERSHIPS, AND HONORS

- Executive committee, *ACM Conference on Recommender Systems* (RecSys), 2025–2029
- Associate editor, *ACM Transactions on Recommender Systems*, 2024–
- Editorial board, *Foundations and Trends in Information Retrieval*, 2023–
- Steering committee, *ACM Conference on Recommender Systems* (RecSys), 2017–
- Senior Member, *Association for Computing Machinery* since 2019
- Distinguished Reviewer, *ACM Transactions on Interactive Intelligent Systems* (TiiS), 2017–

PAST SERVICE HIGHLIGHTS

- Executive committee, *ACM Conference on Fairness, Accountability, and Transparency* (FAccT), 2020–2023
- Steering committee, *ACM Conference on Fairness, Accountability, and Transparency* (FAccT), 2017–2023 (inaugural member)
- Program co-chair, 16th *ACM Conference on Recommender Systems* (RecSys 2022)
- General co-chair, 12th *ACM Conference on Recommender Systems* (RecSys 2018)
- Co-chair, *FAccT Network*, 2019–2024

PROGRAM COMMITTEE AND EDITORIAL SERVICE

- *ACM RecSys* main program (SPC 2019–2026, PC 2014–2017), Reproducibility (PC 2021–2023), LBR (PC 2019–2020), Posters (PC 2016–2017)
- *ACM FAccT* (AC 2018–2026, PC 2019–2021)
- *ACM SIGIR* main program (SAC 2026, AC 2024–2025, PC 2020–2023), Perspectives (PC 2021–2026), short papers (PC 2021), resource track (PC 2021)
- Track chair, User Modeling, Personalization and Recommendation track at *TheWebConf 2026*

- Distinguished senior PC member award at *RecSys 2025*
- *SIGIR Asia-Pacific* (SPC 2023–2025)
- *ACM CIKM* main program (PC 2024–2025), resource track (PC 2020–2021)
- *ECIR* main program (PC 2024–2025), short papers (PC 2024–2025), IR for Good (PC 2024), tutorials (PC 2024)
- Track chair, Responsibility, Compliance, and Ethics track at *UMAP 2023*
- Guest editor, 2021 special issue of *User Modeling and User-Adapted Interaction* (UMUAI) on fairness in user modeling.
- *TheWebConf* User Modeling, Behavior, & Personalization (SPC 2021, PC 2017–2020), Behavior Analysis and Recommendation (PC 2016)
- Track Chair, *UMAP 2021*
- *ACM WSDM* (PC 2020–2021)
- *NeurIPS* ethics reviewing (2021)
- *UMAP* (PC 2018–2020)
- *CHI* Posters (PC 2019)
- *FLAIRS* Special Track on Recommender Systems (PC 2015–2017)
- *ACM SAC* Recommender Systems (PC 2013–2016)
- Journal reviews for *Advances in AI*, *Artificial Intelligence Review*, *CACM*, *CSUR*, *IBM Journal of Research and Development*, *INRT*, *Information Retrieval Journal*, *Interacting with Computers*, *International Journal of Artificial Intelligence Tools*, *JMLR Open Source*, *JRC*, *Journal of Librarianship & Information Science*, *PLOS ONE*, *PeerJ Computer Science*, *TDS*, *TDSC*, *TIST*, *TKDE*, *TOCHI*, *TOIS*, *TORS*, *TSC*, *TWEB*, *TiiS*, and *UMUAI*
- Reviewer for numerous workshops at *RecSys*, *UMAP*, and elsewhere.

OTHER PROFESSIONAL SERVICE

- Member, John T. Riedl Test of Time Award Committee for *RecSys 2026*
- Co-organizer, AltRecSys Workshop at *RecSys 2026 & 2024*
- Co-organizer, Justice, Emancipation, Democracy, and Information Access (JEDI) workshop at *SIGIR 2026*
- Reproducibility co-chair, *ACM RecSys 2026*
- Track co-organizer, Product Search and Recommendation track at *TREC 2025*
- Doctoral symposium co-chair, *ACM RecSys 2025*
- Founder and co-organizer, FAccTRec Workshop on Responsible Recommendation at *ACM RecSys* 2017–2018, 2020–2021, 2023–2025
- Participant, *Dagstuhl Seminar 24211: Evaluation Perspectives of Recommender Systems: Driving Research and Education* (2024)
- Co-author and signatory, FAccT Statement on AI Harms and Policy (2023); covered by VentureBeat and The Hill (op-ed)
- Co-organizer, CRAFT panel "Theories of Change in Responsible AI" at *ACM FAccT 2023*
- Ph.D. symposium mentor, *ACM CIKM 2023*
- Co-organizer, *TREC* Track on Fairness in Information Retrieval (2019–2022)
- Co-organizer, SimuRec Workshop on Simulation and Synthetic Data for Recommender Systems at *RecSys 2021*
- Sponsorship co-chair, *ACM FAccT 2021–2022*
- Doctoral symposium co-chair, *ACM RecSys 2022*
- Co-organizer, FairUMAP workshop at *ACM UMAP 2018–2020*

- Moderator (and organizer), panel on responsible recommendation at *RecSys 2019*
- PR & Publicity co-chair, *2nd Conference on Fairness, Accountability, and Transparency* (ACM FAT* 2019)
- Co-organizer, Workshop on Fairness, Accountability, Confidentiality, Transparency, and Safety in Information Retrieval (FACTS-IR) at *SIGIR 2019*
- Publications working group, FAccT steering committee (2017)
- Participant, Dagstuhl Perspectives Workshop 17442: Towards Cross-Domain Performance Modeling and Prediction: IR/RecSys/NLP (2017)
- Publicity co-chair, *ACM RecSys 2016*
- External advisor, CrowdRec (EU Framework Programme collaborative research project, 2014–2016)
- Proceedings co-chair, *ACM CHI 2012–2013*
- Demos co-chair, *ACM RecSys 2012*

DEPARTMENT AND UNIVERSITY SERVICE

- Drexel MSDS Working Group (2024–2026)
- Drexel IS Ph.D. committee (2023–2025)
- Drexel IS 2023-2024 Faculty Search Committee
- Boise State 2020–2021 CS Faculty Search Committee
- Boise State COEN SAGE Scholars Program Mentor (2019–2021)
- Boise State College of Engineering Curriculum Committee (2019–2022)
- Boise State Ph.D. in Computing Steering Committee (2017–2022)
- Boise State CS Dept. Curriculum Committee (2017–2022)
- Boise State CS Dept. Graduate Recruiting Committee (2017)
- Texas State CS Dept. Undergraduate Committee (2014–2016)
- Texas State CS Dept. Written Comp Exam Grading (2014–2016)
- UMN CS Graduate Student Association secretary (2009–2010)

COMMUNITY AND CIVIC SERVICE

Oct 2025	Presented to staff at Abington Public Library.
Jan 2023	Joined amicus brief before SCOTUS on *Gonzalez v. Google*.
Jul 2020	Taught continuing education session for Idaho Council for Libraries.
Oct 2019	Presented at Idaho Library Association Annual Conference.
Feb 2019	Addressed Idaho State House Judiciary Committee on H.B. 118, regulating pretrial risk assessment algorithms; through subsequent engagement, I contributed language that is in the final enacted legislation.
Dec 2017	Boise Public Library panel on preparing for a career in computer science.
May 2015	Judge for Travis Elementary School Science Fair.

MEDIA MENTIONS

May 2026 “Fair Play: Wer hätte es gedacht: Streamingdienstalgorithmen bevorzugen männliche Künstler. Die Informatikerin Christine Bauer weiß, wie sich das ändern ließe”. (Sophie Straetemans, *Science Notes*, https://sciencenotes.de/gender-algorithmus-fairness/). Interview with my collaborator discussing results of our joint paper in RecSys 2024 (C31).

Sep 2025 "LLMs can never be fair and other scientific AI findings". (Rina Chandran, *Rest of World*, September 5, 2025, https://restofworld.org/2025/ai-research-roundup-september-2025/).

Jul 2024 "FACT FOCUS: Google autocomplete results around Trump lead to claims of election interference". (Melissa Goldin, AP, July 30, 2024, https://apnews.com/article/fact-check-misinformation-google-autocomplete-trump-b31855c23eb6e387dc324983ea4859bc).

Mar 2024 "Getting to know you: This is what chatGPT says Philly is famous for". (Vicky Diaz-Camacho, *Billy Penn* at WHYY, March 11, 2024. https://billypenn.com/2024/03/11/chatgpt-artificial-intelligence-philadelphia-known-for-cheesesteaks/).

Dec 2022 "The Deadline Dilemma". (Carolyn Kuimelis, *Teaching* newsletter from *Chronicle of Higher Education*, December 1, 2022. https://www.chronicle.com/newsletter/teaching/2022-12-01).

May 2022 "Out of the Blue". (Ravi Shankar, *The New Indian Express*, May 1, 2022. https://www.newindianexpress.com/opinions/columns/ravi-shankar/2022/may/01/outof-theblue-2447591.html). Quotes from Washington Post article below.

Apr 2022 "Elon Musk wants Twitter's algorithm to be public. It's not that simple." (Reed Albergotti, *The Washington Post*, April 16, 2022. https://www.washingtonpost.com/technology/2022/04/16/elon-musk-twitter-algorithm/).

Apr 2021 Quoted at length about how artificial intelligence learns from social signals in "Can AI be horny?" (Chris Stokel-Walker, *Input*, April 28, 2021; Bustle Digital Group. https://www.inputmag.com/culture/artificial-intelligence-ai-archillect-twitter-horny-sex).

Mar 2021 Quoted in several articles about FAccT suspending Google's sponsorship for the 2021 conference, in my role as FAccT Sponsor Co-chair and a member of the Executive Committee. These articles include:

- "AI ethics research conference suspends Google sponsorship." (Khari Johnson, *VentureBeat*, March 2, 2021. https://venturebeat.com/2021/03/02/ai-ethics-research-conference-suspends-google-sponsorship/)
- "Conference suspends Google sponsorship after ethics experts' exit." (D. Matthews, *Times Higher Education*, March 8, 2021. https://www.timeshighereducation.com/news/conference-suspends-google-sponsorship-after-ethics-experts-exit)
- "Tech transparency conference suspends Google sponsorship over transparency concerns." (Colleen Flaherty, *Inside Higher Ed*, March 9, 2021. https://www.insidehighered.com/news/2021/03/09/tech-transparency-conference-suspends-google-sponsorship-over-transparency-concerns)
- "Google offered a professor $60,000, but he turned it down. Here's why." (Rachel Metz, *CNN Business*, March 24, 2021. https://www.cnn.com/2021/03/24/tech/google-ai-ethics-reputation/index.html). I am not the professor who declined funding, but am quoted for context.
- "How one employee's exit shook Google and the AI industry." (Rachel Metz, *CNN Business*, March 11, 2021. https://www.cnn.com/2021/03/11/tech/google-ai-ethics-future/index.html).

Jun 2016 Quoted about voter file data leaks in "D.C. makes it shockingly easy to snoop on your fellow voters." (Brian Fung, *The Switch* [a blog by *The Washington Post*], June 14, 2016. https://www.washingtonpost.com/news/the-switch/wp/2016/06/14/d-c-s-board-of-elections-makes-it-shockingly-easy-to-snoop-on-your-fellow-voters/)

Nov 2014 Quoted about recommender systems principles in "TV seems to know what you want to see; algorithms at work." (Scott Collins, *Los Angeles Times*, November 21, 2014. https://www.latimes.com/entertainment/tv/la-et-st-tv-section-algorithm-20141123-story.html)