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↻ EDUCATION ↻

Ph.D (2014) Computer Science, University of Minnesota, Minneapolis, MN.
B.S. (2007) Computer Engineering, Iowa State University, Ames, IA.

↻ APPOINTMENTS ↻

2023–present [Assistant Professor](#), Dept. of Information Science, [Drexel University](#)
2022–2023 [Associate Professor](#), Dept. of Computer Science, [Boise State University](#)
2016–2022 [Assistant Professor](#), Dept. of Computer Science, [Boise State University](#)
2014–2016 [Assistant Professor](#), Dept. of Computer Science, [Texas State University](#)

↻ RESEARCH ↻

EXTERNAL FUNDING

- ▶ 2023–2025: NSF 22-32553: *Collaborative Research: CCRI: New: A Research News Recommender Infrastructure with Live Users for Algorithm and Interface Experimentation* (\$1.4M, my share \$150K).
- ▶ 2018–2023: NSF 17-51278: *CAREER: User-Based Simulation Methods for Quantifying Sources of Error and Bias in Recommender Systems*. (\$514,081, including REU supplements).

SELECTED PUBLICATIONS

Author formatting key: **myself**, [advised student](#), [other student](#).

- [A. Raj](#) and **M. D. Ekstrand**. 2024. “Towards Optimizing Ranking in Grid-Layout for Provider-side Fairness”. *Proc. ECIR '24* (IR for Good track). DOI 10.1007/978-3-031-56069-9_7.
- M. D. Ekstrand**, B. Carterette, and F. Diaz. 2024. “Distributionally-Informed Recommender System Evaluation”. *TORS* 2(1) (March 7th, 2024; online August 4th, 2023). DOI 10.1145/3613455.
- [C. Pinney](#), [A. Raj](#), A. Hanna, and **M. D. Ekstrand**. 2023. “Much Ado About Gender: Current Practices and Future Recommendations for Appropriate Gender-Aware Information Access”. *Proc. CHIIR '23*. DOI 10.1145/3576840.3578316.
- M. D. Ekstrand**, A. Das, R. Burke, and F. Diaz. 2022. “Fairness in Information Access Systems”. *FnT IR* 16(1–2) (July 11th, 2022). DOI 10.1561/15000000079.
- [A. Raj](#) and **M. D. Ekstrand**. 2022. “Measuring Fairness in Ranked Results: An Analytical and Empirical Comparison”. *Proc. SIGIR '22*. DOI 10.1145/3477495.3532018.
- M. D. Ekstrand** and D. Kluver. 2021. “Exploring Author Gender in Book Rating and Recommendation”. *UMUAI* 31(3) (February 4th, 2021). DOI 10.1007/s11257-020-09284-2.
- Ö. Kirnap, F. Diaz, A. J. Biega, **M. D. Ekstrand**, B. Carterette, and E. Yilmaz. 2021. “Estimation of Fair Ranking Metrics with Incomplete Judgments”. *Proc. TheWebConf 2021*. DOI 10.1145/3442381.3450080.

- F. Diaz, B. Mitra, **M. D. Ekstrand**, A. J. Biega, and B. Carterette. **2020**. “Evaluating Stochastic Rankings with Expected Exposure”. *Proc. CIKM '20*. DOI 10.1145/3340531.3411962.
- M. D. Ekstrand**. **2020**. “LensKit for Python: Next-Generation Software for Recommender Systems Experiments”. *Proc. CIKM '20* (Resource track). DOI 10.1145/3340531.3412778.
- M. D. Ekstrand**, K. L. Wright, and M. S. Pera. **2020**. “Enhancing Classroom Instruction with Online News”. *AJIM* 72(5) (November 17th, 2020; online June 14th, 2020). DOI 10.1108/AJIM-11-2019-0309.
- M. D. Ekstrand**, **M. Tian**, **I. Madrazo Azpiazu**, **J. D. Ekstrand**, **O. Anuyah**, **D. McNeill**, and M. S. Pera. **2018**. “All The Cool Kids, How Do They Fit In?: Popularity and Demographic Biases in Recommender Evaluation and Effectiveness”. *Proc. FAT* 2018*.
- M. D. Ekstrand**, **R. Josphaghani**, and H. Mehrpouyan. **2018**. “Privacy for All: Ensuring Fair and Equitable Privacy Protections”. *Proc. FAT* 2018*.
- M. D. Ekstrand** and M. C. Willemsen. **2016**. “Behaviorism is Not Enough: Better Recommendations through Listening to Users”. *Proc. RecSys '16* (Past, Present, and Future track). DOI 10.1145/2959100.2959179.
- M. D. Ekstrand**, D. Kluver, F. M. Harper, and J. A. Konstan. **2015**. “Letting Users Choose Recommender Algorithms: An Experimental Study”. *Proc. RecSys '15*. DOI 10.1145/2792838.2800195.
- M. D. Ekstrand**, F. M. Harper, M. C. Willemsen, and J. A. Konstan. **2014**. “User Perception of Differences in Recommender Algorithms”. *Proc. RecSys '14*. DOI 10.1145/2645710.2645737.
- M. D. Ekstrand**, M. Ludwig, J. A. Konstan, and J. T. Riedl. **2011**. “Rethinking The Recommender Research Ecosystem: Reproducibility, Openness, and LensKit”. *Proc. RecSys '11*. DOI 10.1145/2043932.2043958.
- M. D. Ekstrand**, J. T. Riedl, and J. A. Konstan. **2011**. “Collaborative Filtering Recommender Systems”. *Fnt HCI* 4(2) (February 1st, 2011). DOI 10.1561/11000000009.

🔗 PROFESSIONAL SERVICE & MEMBERSHIPS 🔗

- ▶ Senior Member, Association for Computing Machinery
- ▶ Associate editor, *ACM Transactions on Recommender Systems*
- ▶ Editorial board, *Foundations and Trends in Information Retrieval*
- ▶ Co-organizer, TREC 2019–2021 Track on Fairness in Information Retrieval
- ▶ ACM Conference on Recommender Systems (Program Co-chair 2022, General Co-chair 2018, Steering Committee & SPC member)
- ▶ Conference on Fairness, Accountability, and Transparency (FAccT) (Executive Committee 2020–2023, Steering Committee 2017–2023, Network Co-chair, PC 2017–present)
- ▶ Organizer, FATREC Workshop on Responsible Recommendation at RecSys 2017/2018/2020
- ▶ AC for SIGIR, FAccT; SPC for RecSys; numerous other reviews