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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). 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) (June 15th, 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. Joshaghani](#), 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.
- M. Ekstrand**, W. Li, T. Grossman, J. Matejka, and G. Fitzmaurice. **2011**. “[Searching for Software Learning Resources Using Application Context](#)”. *Proc. UIST '11*. DOI 10.1145/2047196.2047220.

🔗 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