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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 ↻

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).
- ▶ 2017: \$19K Boise State College of Education Civility Grant *LITERATE: Locating Informational Texts for Engaging Readers And Teaching Equitably* (co-PI; with PI Katherine Wright & co-PI Sole Pera)
- ▶ 2014: Texas State University Research Enhancement Program (competitive internal grant, \$8K)

Selected Publications

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

[Christine Pinney](#)^{†§}, [Amifa Raj](#), Alex Hanna, and Michael D. Ekstrand. “[Much Ado About Gender: Current Practices and Future Recommendations for Appropriate Gender-Aware Information Access](#)”. *Proc. CHIIR '23*. DOI 10.1145/3576840.3578316.

Michael D. Ekstrand, Anubrata Das, Robin Burke, and Fernando Diaz. “[Fairness in Information Access Systems](#)”. *Fnt IR* **16**(1–2) (July 2022). DOI 10.1561/1500000079.

[Amifa Raj](#)[†] and Michael D. Ekstrand. “[Measuring Fairness in Ranked Results: An Analytical and Empirical Comparison](#)”. *Proc. SIGIR '22*. DOI 10.1145/3477495.3532018.

Michael D. Ekstrand and Daniel Kluver. “[Exploring Author Gender in Book Rating and Recommendation](#)”. *UMUAI* **31**(3) (February 2021). DOI 10.1007/s11257-020-09284-2.

Ömer Kirnap[†], Fernando Diaz, Asia J. Biega, Michael D. Ekstrand, Ben Carterette, and Emine Yilmaz. “[Estimation of Fair Ranking Metrics with Incomplete Judgments](#)”. *Proc. TheWebConf 2021*. DOI 10.1145/3442381.3450080.

- Fernando Diaz[†], Bhaskar Mitra, Michael D. Ekstrand, Asia J. Biega, and Ben Carterette. “**Evaluating Stochastic Rankings with Expected Exposure**”. *Proc. CIKM '20*. DOI 10.1145/3340531.3411962.
- Michael D. Ekstrand[†]. “**LensKit for Python: Next-Generation Software for Recommender Systems Experiments**”. *Proc. CIKM '20* (Resource track). DOI 10.1145/3340531.3412778.
- Michael D. Ekstrand, Katherine Landau Wright, and Maria Soledad Pera. “**Enhancing Classroom Instruction with Online News**”. *AJIM* **72**(5) (June 2020). DOI 10.1108/AJIM-11-2019-0309.
- Michael D. Ekstrand[†], [Mucun Tian](#), [Ion Madrazo Azpiazu](#), [Jennifer D. Ekstrand](#), [Oghenemaro Anuyah](#), [David McNeill](#)[§], and Maria Soledad Pera. “**All The Cool Kids, How Do They Fit In?: Popularity and Demographic Biases in Recommender Evaluation and Effectiveness**”. *Proc. FAT* 2018*.
- Michael D. Ekstrand[†], [Rezvan Joshaghani](#), and Hoda Mehrpouyan[†]. “**Privacy for All: Ensuring Fair and Equitable Privacy Protections**”. *Proc. FAT* 2018*.
- Michael D. Ekstrand[†] and Martijn C. Willemsen. “**Behaviorism is Not Enough: Better Recommendations through Listening to Users**”. *Proc. RecSys '16* (Past, Present, and Future track). DOI 10.1145/2959100.2959179.
- Michael D. Ekstrand[†], Daniel Kluver, F. Maxwell Harper, and Joseph A. Konstan. “**Letting Users Choose Recommender Algorithms: An Experimental Study**”. *Proc. RecSys '15*. DOI 10.1145/2792838.2800195.
- Michael D. Ekstrand[†], F. Maxwell Harper, Martijn C. Willemsen, and Joseph A. Konstan. “**User Perception of Differences in Recommender Algorithms**”. *Proc. RecSys '14*. DOI 10.1145/2645710.2645737.
- Joseph A. Konstan, J.D. Walker, D. Christopher Brooks, Keith Brown, and Michael D. Ekstrand. “**Teaching Recommender Systems at Large Scale: Evaluation and Lessons Learned from a Hybrid MOOC**”. *Transactions on Computer-Human Interaction* **22**(2) (April 2015). DOI 10.1145/2728171.
- Michael D. Ekstrand[†], Michael Ludwig, Joseph A. Konstan, and John T. Riedl. “**Rethinking The Recommender Research Ecosystem: Reproducibility, Openness, and LensKit**”. *Proc. RecSys '11*. DOI 10.1145/2043932.2043958.
- Michael D. Ekstrand, John T. Riedl, and Joseph A. Konstan. “**Collaborative Filtering Recommender Systems**”. *FNT HCI* **4**(2) (February 2011). DOI 10.1561/1100000009.
- Michael Ekstrand[†], Wei Li, Tovi Grossman, Justin Matejka, and George Fitzmaurice. “**Searching for Software Learning Resources Using Application Context**”. *Proc. UIST '11*. DOI 10.1145/2047196.2047220.

↻ TEACHING ↻

BSU *Intro to Data Science*, recommender systems, databases, ethics
 Coursera *Recommender Systems MOOC*

↻ PROFESSIONAL SERVICE & MEMBERSHIPS ↻

- ▶ Senior Member, Association for Computing Machinery
- ▶ 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
- ▶ Senior PC member for RecSys & WWW; regular PC for SIGIR, FAccT, UMAP

- ▶ Reviewer for multiple journals, incl. TOIS, TWEB, TKDD, TIIS, TDSC, TKDE, PLOS ONE, and UMUAI