Michael D. Ekstrand, Ph.D

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EDUCATION

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

APPOINTMENTS

2016–present	Assistant Professor, Dept. of Computer Science, **Boise State University** Co-founder, People and Information Research Team (PIReT)
2014–2016	Assistant Professor, Dept. of Computer Science, **Texas State University**
2008–2014	Graduate Research Assistant, GroupLens Research, Dept. of Computer Science, **University of Minnesota**
Summer 2010	Research Intern, **Autodesk Research**, Toronto, CA

TEACHING

- CS 533 (Introduction to Data Science)
- CS 597 (Recommender Systems)
- CS 410 / CS 510 (Databases)
- Recommender Systems specialization on Coursera

SELECTED PUBLICATIONS

Author formatting key: **myself**, advised student, other Boise State student.

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*.

Michael D. Ekstrand and Vaibhav Mahant. 2017. Sturgeon and the Cool Kids: Problems with Top-*N* Recommender Evaluation. In *Proceedings of the 30th International Florida Artificial Intelligence Research Society Conference*.

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). ACM. DOI:10.1145/2959100.2959179.

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 Ninth ACM Conference on Recommender Systems* (RecSys '15). ACM. DOI:10.1145/2792838.2800195.

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.2016.15.5.a1.

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 Eighth ACM Conference on Recommender Systems* (RecSys '14). ACM. DOI:10.1145/2645710.2645737.

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, Article 10 (April 2015), 23 pages. DOI: 10.1145/2728171.

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 Seventh ACM Conference on Recommender Systems* (RecSys '13). ACM. DOI:10.1145/2507157.2507188.

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). ACM, pp 99–106. DOI:10.1145/2365952.2365974.

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). ACM, 133–140. DOI: 10.1145/2043932.2043958.

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.

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). ACM, 195–204. DOI: 10.1145/2047196.2047220.

Michael D. Ekstrand, Praveen Kannan, James A. Stemper, John T. Butler, Joseph A. Konstan, and John T. Riedl. 2010. Automatically Building Research Reading Lists. In *Proceedings of the Fourth ACM Conference on Recommender Systems* (RecSys '10). ACM, 159–166. DOI:10.1145/1864708.1864740.

RESEARCH FUNDING

- 2014 Texas State University Research Enhancement Program (competitive internal research grant), $8000: *Temporal Analysis of Recommender Systems*.

PROFESSIONAL SERVICE

- ACM Conference on Recommender Systems (General Co-chair 2018, Steering Committee since 2017, PC member since 2014, Publicity Co-chair 2016, Demos Co-chair 2012)
- Conference on Fairness, Accountability, and Transparency (Steering Committee, Systems Track co-chair 2018)
- Distinguished Reviewer, ACM *Transactions on Interactive Intelligent Systems* (2017–present)
- Organizer, FATREC Workshop on Responsible Recommendation at RecSys 2017
- Program committee, ACM WWW Track on Behavior Analysis and Personalization (2016, 2017)
- External advisor, CrowdRec (EU Framework Programme collaborative research project, 2014–2016)
- PC member and/or reviewer for numerous conferences, including WWW (Track on Behavior Analysis and Personalization), FLAIRS Special Track on Recommender Systems, CHI, CSCW, IUI, SAC REcommender Systems track, UIST, WikiSym/OpenSym, ICWSM
- Reviewer for multiple journals, including TIST, TOIS, TWEB, TKDD, TIIS, TDSC, TKDE, PLOS ONE, and UMUAI
- Proceedings co-chair, ACM CHI 2012–2013