



Jaime Teevan is a researcher at Microsoft Research and affiliate faculty at the University of Washington. At Microsoft she leads the Productivity Group, developing novel artificial intelligence approaches to help people accomplish their goals. She oversees Microsoft's worldwide research portfolio as part of the MSR leadership team, and invented the first personalized search algorithm shipped by Bing. Dr. Teevan has published hundreds of award-winning research papers, technical articles, books, and patents, and given keynotes around the world. Her groundbreaking research has earned her the Technology Review TR35 Young Innovator, Borg Early Career, and Karen Spärck Jones awards. She received a Ph.D. from MIT and a B.S. from Yale.

PROFESSIONAL EXPERIENCE

Microsoft Research, Microsoft Corporation. Redmond, WA USA

Principal Researcher, 2015 – Present. Recipient *Karen Spärck Jones Award*.

Senior Researcher, 2012 – 2015. Recipient *Borg Early Career Award*.

Researcher, 2006 – 2012. Recipient *Gold Star* and *Technology Review TR35 Young Innovator*.

RESEARCH: Invented, published, and patented novel approaches for applying artificial intelligence to web search and task management. Studied machine learning and information retrieval using large-scale log analysis. Recognized world leader in computing research with 183 publications and 10046 citations.

PRODUCT: Shipped Bing's first personalized search algorithm, resulting in significant improvement to core ranking performance metrics. Developed the approach for community-based content creation used by Bing Distill, helping 50 million people find answers to their queries. Introduced microproductivity into Office applications and served on Office Leadership Team. Inventor on 43 patents (29 pending).

MANAGEMENT: Formed, resourced, and led several cross-disciplinary research teams, the most recent focused on building automated productivity tools. Hired and managed 36 graduate researchers, many now faculty at R1 universities such as Stanford, Cornell, and Columbia. Created a career development program deployed across Microsoft Research in the United States, United Kingdom, and India.

LEADERSHIP: Helped form Microsoft Research AI as a founding member of the AI Council. Member of the Microsoft Research Labs Leadership Team, overseeing the world's largest computer science research organization and managing Microsoft's worldwide research portfolio. Adviser to Kevin Scott, Microsoft's CTO, on the company's AI strategy. Served on academic boards, shaping community-wide research agendas. Chaired the premier international research conference on web search and data mining (WSDM), managing an organizational committee of 26 and growing attendance by 43%. Drove diversity and inclusion efforts within Microsoft Research and the broader academic community.

Information School, University of Washington. Seattle, WA USA

Affiliate Associate Professor, 2016 – Present.

Affiliate Assistant Professor, 2012 – 2016.

Recruited and mentored graduate students. Lectured at graduate-level courses. Served on thesis committees, advising and directing graduate research. Studied leading edge approaches to personal information management with collaborators in the department.

Infoseek Corporation (now Go.com, Walt Disney Company). Sunnyvale, CA USA

Software Engineer, 1997 – 1999. Recipient *Go Getter Award*.

Developed an approach to automatically categorize webpages using the web link graph and sold it to Infoseek. Joined company to integrate this technology into their product. Served as lead engineer for the software controlling all inter- and intra-application navigation within Infoseek's web properties.

EDUCATION

Massachusetts Institute of Technology. Cambridge, MA USA

Ph.D., Electrical Engineering and Computer Science, January 2007.

Thesis: *Supporting Finding and Re-Finding Through Personalization*

Advisor: Prof. David R. Karger

Committee Members: Prof. Mark S. Ackerman, Dr. Susan T. Dumais, Prof. Robert C. Miller

Financial Technology Option (FTO), MIT Sloan School of Management, 2003.

S.M., Electrical Engineering and Computer Science, June 2001.

Thesis: *Improving Information Retrieval with Textual Analysis: Bayesian Models and Beyond*

Advisor: Prof. David R. Karger

Yale University. New Haven, CT USA

B.S., Computer Science, May 1998. *Cum laude* with distinction in major. Recipient *Master's Cup*.

Thesis: *Automatically Creating High Quality Internet Directories*

Advisor: Prof. Gregory D. Hager

SELECT AWARDS AND HONORS

Karen Spärck Jones Award, British Computer Society (BCS), 2016.

Borg Early Career Award, Computing Research Association (CRA-W), 2014.

U.S. Frontiers of Engineering Symposium, National Academy of Engineering (NAE), 2014.

TR 35 Young Innovator, MIT Technology Review, 2009.

Graduate Research Fellowship, National Science Foundation (NSF), 1999 – 2003.

KEYNOTE PRESENTATIONS

The 39th European Conference on Information Retrieval (ECIR), 2017.

The 24th ACM International Conference on Information and Knowledge Management (CIKM), 2015.

The 23rd Conference on User Modelling, Adaptation and Personalization (UMAP), 2015.

The Michigan Institute for Data Science 2014 Symposium (MINDS), 2014.

TEDxUChicago, 2012.

The Third ACM International Conference on Web Science (Web Science), 2011.

The Annual Meeting of the Journal of Information Technology & Politics (JITP), 2011.

BEST PAPER AWARDS

SIGIR, Test of Time, 2017 (published 2005)

CHI, Best Paper, 2008, 2010, 2016, and Honorable Mention, 2012, 2013, 2015, 2015, 2016.

HCOMP, Best Paper, 2015, and Notable Paper, 2014.

CSCW, Best Paper Nominee, 2013, 2017.

ICWSM, Honorable Mention, 2013.

Computing Review, Notable Article, 2013.

Search Marketing, Best Paper, 2010.

WSDM, Best Paper Nominee, 2010, and Best Student Paper, 2009.

PUBLICATION SUMMARY

Count: 183 (with awards: 18), Citations: 10046, h-index: 45, i10-index: 96

Sample: Jaime Teevan, Susan T. Dumais & Eric Horvitz. *Personalizing Search via Automated Analysis of Interests and Activities*. In Proceedings of the ACM Conference on Research and Development in Information Retrieval (SIGIR 2005), Salvador, Brazil, 2005. [Test of Time Award, Citations: 974]

Complete list of publications available at <http://teevan.org>.
