

YLA TAUSCZIK

Human-Computer Interaction Institute
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I investigate the way that teams and communities collaborate online. My research touches on several areas of work including human-computer interaction, information analysis, computational social science, social psychology, digital media, social computing, computer-mediated communication, natural language processing, and scientific collaboration.

PROFESSIONAL PREPARATION

Postdoctoral Fellow, Carnegie Mellon University 2012-Current
Human-Computer Interaction
Advisors: Robert Kraut, Laura Dabbish

Ph.D., M.A., University of Texas at Austin 2006-2012
Social and Personality Psychology
Advisor: James Pennebaker
Thesis: Changing group dynamics through computerized language feedback
Committee: Samuel Gosling, Arthur Graesser, Marlone Henderson, Lawrence Cormack

B.A. University of California at Berkeley 2001-2005
Mathematics and Integrative Biology, Highest Honors

HONORS & AWARDS

Best Paper Award Honorable Mention, Human Factors in Computing Systems 2013
Best Paper Award Honorable Mention, Computer Supported Cooperative Work 2012
Graduate Fellowship, Division Statistics and Scientific Computing 2009
University of Texas Graduate Student Travel Award 2009-2012
Phi Beta Kappa Honor Society 2005
U.C. Berkeley's Regents' and Chancellors' Scholarship 2001-2005
Howard Hughes Medical Institute Scholarship 2003

REFEREED JOURNAL PAPERS

Tausczik, Y. R., Faase, K., Pennebaker, J. W., & Petrie, K. J. (2012). Public anxiety and information seeking following H1N1 outbreak: Web blogs, newspaper, and Wikipedia visits. *Health Communication*, 27, 179-185.

Tausczik, Y. R., & Pennebaker J. W. (2010). The psychological meaning of words: LIWC and computerized text analysis methods. *Journal of Language and Social Psychology*, 29, 24-54.

Simms, E. L., Taylor, D. L. Povich, J. Shefferson, R. P., Sachs, J. L., Urbina, M., & **Tausczik, Y. R.** (2006). An empirical test of partner choice mechanisms in wild legume-rhizobium interaction. *Proceedings of the Royal Society*, 273, 77-81.

REFEREED PAPERS IN CONFERENCE PROCEEDINGS

Conferences are the leading venue for human-computer interaction papers. Papers in these conferences are peer-reviewed with very low acceptance rates (five-year averages CSCW: 27.5%, CHI: 23.5%) and published in proceedings.

Tausczik, Y. R., Kittur, A. & Kraut, R. E. (2014). Collaborative problem solving: A study of MathOverflow. *Proceedings of Computer Supported Cooperative Work (CSCW)*. ACM Press, (13 pages) *In press*.

Tausczik, Y. R., Dabbish, L. A. & Kraut, R. E. (2014). Attachment to work groups increases loyalty in an online work environment: Exploring bond- versus identity-based pathways to attachment formation. *Proceedings of Computer Supported Cooperative Work (CSCW)*. ACM Press, (12 pages), *In press*.

Tausczik, Y. R. & Pennebaker, J. W. (2013). Improving teamwork using real-time language feedback. *Proceedings of Human Factors in Computing Systems (CHI)*. ACM Press, 459-468. **Best Paper Honorable Mention**

Tausczik, Y. R. & Pennebaker, J. W. (2012). Participation in an online mathematics community: Differentiating motivations to add. *Proceedings of Computer Supported Cooperative Work (CSCW)*. ACM Press, 207-216. **Best Paper Honorable Mention**

Tausczik, Y. R. & Pennebaker, J. W. (2011). Predicting the perceived quality of online mathematics contributions from users' reputations. *Proceedings of Human Factors in Computing Systems (CHI)*. ACM Press, 1885-1888.

Scholand A. J., **Tausczik, Y. R.** & Pennebaker J. W. (2010). Social language network analysis. *Proceedings of Computer Supported Cooperative Work (CSCW)*. ACM Press, 23-26.

WORKING PAPERS (UNPUBLISHED AND UNDER REVIEW)

Tausczik, Y. R., Chung, C. K & Pennebaker, J. W. (2013). Tracking secret-keeping in emails. (32 pages) *In preparation*

Tausczik, Y. R., Farzan, R., Levine, J., & Kraut, R. E. (2014). Consequences of socializing newcomers collectively in online communities. *Proceedings of Human Factors in Computing Systems (CHI)*. ACM Press, (10 pages) *Under review*.

WORKSHOP PAPERS & POSTERS

Tausczik, Y. R. & Pennebaker J. W. (2011, January). The effect of established and new reputation on influence in an online community, MathOverflow. Poster presented at the annual meeting of the Society for Personality and Social Psychology. San Antonio, TX.

Tausczik, Y. R., Faase, K., Pennebaker, J. W., & Petrie, K. J. (2010, January). Changes in anxiety and information seeking following H1N1 outbreak. Poster presented at the annual meeting of the Society for Personality and Social Psychology. Las Vegas, NV.

Tausczik, Y. R. & Pennebaker, J. W. (2010, January). Leadership in informal groups: A linguistic investigation of Wikipedia. Poster presented at the annual meeting of the Group Processes and Intergroup Relations pre-conference for Society for Personality and Social Psychology. Las Vegas, NV.

Scholand, A. J., & **Tausczik, Y. R.** (2010). Diagramming workgroup interaction via social language network analysis. *Computer Supported Cooperative Work 2010 Workshop Changing Dynamics of Scientific Collaborations*.

Tausczik, Y. R., Scholand, A. J., & Pennebaker, J. W. (2009, February). Public Chat: A new tool in studying group dynamics. Poster presented at the annual meeting of the Group Processes and Intergroup Relations pre-conference for Society for Personality and Social Psychology. Tampa, FL.

PRESENTATIONS

Carnegie Mellon University

Machine Learning and the Social Sciences Group November 2013
Departments of Machine Learning and Social and Decision Sciences

University of Pennsylvania

Dolores Albarracin's Social Action Lab March 2013
Annenberg School for Communication

Society for Personality and Social Psychology Annual Meeting

The effect of major disruptions on social networks: Tracking secret-keeping in emails January 2013

University of Texas at Austin

Social and Personality Psychology Seminar April 2012
The effect of major disruptions on social networks: Tracking secret-keeping in emails

University of Texas at Austin

Social and Personality Psychology Seminar April 2010
Participation and engagement in groups and online communities

TEACHING

Instructor

Introduction to Psychology 2010
Short Courses in Matlab, Div. of Statistics 2010-2011

Teaching Assistant

Social Psychology 2012
Graduate Statistical Methods I, Div. of Statistics 2010
Statistics and Policy Design, Div. of Statistics 2009
Statistics and Research Design 2007, 2008
Motivation 2009

MEDIA MENTIONS

Discovery News "Discussion stuck? Virtual mediator aims to help", May 2013
<http://news.discovery.com/tech/virtual-moderator-helps-discussions-130506.htm>

NBC News "Discussion stuck? Virtual mediator aims to help", May 2013
<http://www.nbcnews.com/science/discussion-stuck-call-virtual-mediator-6C9797475>

ACADEMIC SERVICE

Reviewer: Social Psychological and Personality Science, Journal of Memory and Language, Journal of Language and Social Psychology, Computers & Education, Journal of General Psychology, International Journal of Human-Computer Studies, Transactions on Intelligent Systems and Technology, Proceedings of Computer Supported Cooperative Work (CSCW), Proceedings of Human Factors in Computing Systems (CHI)