Dan Cosley

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Education

2006. Ph.D, Computer Science, University of Minnesota, Minneapolis, Minnesota.

- Dissertation topic: Helping Hands: Design for Member-Maintained Online Communities.
- Co-advisors: John Riedl, Loren Terveen.

1999. M.S., Computer Science, James Madison University, Harrisonburg, Virginia.

- Thesis: MaSH: Making Serendipity Happen.

1993. B.M.E., Music Education, The Ohio State University, Columbus, Ohio.

Positions Held

2014–now. Associate Professor, Information Science, Cornell University.
2008–2014. Assistant Professor, Information Science, Cornell University.
2006–2008. Visiting Assistant Professor, Communication, Cornell University.
2005. Instructor, University of Minnesota.
2000–2006. Research Assistant, University of Minnesota.
2001. Research Intern, NEC Research Institute, Princeton, New Jersey.
1998–2000. Instructor, James Madison University.
1996–1997. Graduate Assistant, James Madison University.
1997. Programmer, James Madison University.
1995–1996. Programmer Analyst, Progressive Medical, Inc., Columbus, Ohio.

Publications

Full Conference Papers

1. G. Gao, B. Xu, D. Hau, Z. Yao, D. Cosley, and S. R. Fussell. "Two is Better Than One: Improving Multilingual Collaboration by Giving Two Machine Translation Outputs". In: *Proceedings of the 18th ACM conference on Computer supported cooperative work & social computing*. Vancouver, BC, Canada, 2015, pp. 852–863

2. N. N. Bazarova, Y. H. Choi, V. S. Sosik, D. Cosley, and J. Whitlock. "Social Sharing of Emotions on Facebook: Channel Differences, Satisfaction, and Replies". In: *Proceedings of the 18th ACM conference on Computer supported cooperative work & social computing*. Vancouver, BC, Canada, 2015, pp. 154–164

3. A. Sharma and D. Cosley. "Studying and Modeling the Connection between People's Preferences and Content Sharing". In: *Proceedings of the 18th ACM conference on Computer supported cooperative work & social computing*. Vancouver, BC, Canada, 2015, pp. 1246–1257

4. N. Goyal, G. Leshed, D. Cosley, and S. R. Fussell. "Effects of Implicit Sharing in Collaborative Analysis". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. CHI '14. Toronto, Ontario, Canada: ACM, 2014, pp. 129–138

5. G. Gao, B. Xu, D. Cosley, and S. R. Fussell. "How beliefs about the presence of machine translation impact multilingual collaborations". In: *Proceedings of the 17th ACM conference on Computer supported cooperative work & social computing*. ACM. 2014, pp. 1549–1560

6. M. Warncke-Wang, D. Cosley, and J. Riedl. "Tell me more: an actionable quality model for Wikipedia". In: *Proceedings of the 9th International Symposium on Open Collaboration*. ACM. 2013, p. 8

7. A. Sharma and D. Cosley. "Do social explanations work?: studying and modeling the effects of social explanations in recommender systems". In: *Proceedings of the 22nd international conference on World Wide Web*. International World Wide Web Conferences Steering Committee. 2013, pp. 1133–1144

8. G. Gao, H.-C. Wang, D. Cosley, and S. R. Fussell. "Same translation but different experience: the effects of highlighting on machine-translated conversations". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2013, pp. 449–458

9. V. Khovanskaya, E. P. Baumer, D. Cosley, S. Voida, and G. Gay. "Everybody knows what you're doing: a critical design approach to personal informatics". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2013, pp. 3403–3412

10. X. Zhao, N. Salehi, S. Naranjit, S. Alwaalan, S. Voida, and D. Cosley. "The many faces of Facebook: Experiencing social media as performance, exhibition, and personal archive". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2013, pp. 1–10

11. H.-C. Wang, S. Fussell, and D. Cosley. "Machine translation vs. common language: effects on idea exchange in cross-lingual groups". In: *Proceedings of the 2013 conference on Computer supported cooperative work*. ACM. 2013, pp. 935–944

12. C. W. Yuan, L. D. Setlock, D. Cosley, and S. R. Fussell. "Understanding informal communication in multilingual contexts". In: *Proceedings of the 2013 conference on Computer supported cooperative work*. ACM. 2013, pp. 909–922

13. X. Zhao, V. Schwanda Sosik, and D. Cosley. "It's complicated: how romantic partners use facebook". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2012, pp. 771–780

14. V. Schwanda Sosik, X. Zhao, and D. Cosley. "See friendship, sort of: How conversation and digital traces might support reflection on friendships". In: *Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work*. ACM. 2012, pp. 1145–1154

15. O. J. Zhao, T. Ng, and D. Cosley. "No forests without trees: Particulars and patterns in visualizing personal communication". In: *Proceedings of the 2012 iConference*. ACM. 2012, pp. 25–32

16. H. T. Welser, D. Cosley, G. Kossinets, A. Lin, F. Dokshin, G. Gay, and M. Smith. "Finding social roles in Wikipedia". In: *Proceedings of the 2011 iConference*. ACM. 2011, pp. 122–129

17. H.-C. Wang, S. R. Fussell, and D. Cosley. "From diversity to creativity: Stimulating group brainstorming with cultural differences and conversationally-retrieved pictures". In: *Proceedings of the ACM 2011 conference on Computer supported cooperative work*. ACM. 2011, pp. 265–274

18. D. Cosley, D. P. Huttenlocher, J. M. Kleinberg, X. Lan, and S. Suri. "Sequential Influence Models in Social Networks". In: *ICWSM* 10 (2010), p. 26

19. S. T. Peesapati, V. Schwanda, J. Schultz, M. Lepage, S.-Y. Jeong, and D. Cosley. "Pensieve: supporting everyday reminiscence". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2010, pp. 2027–2036

20. J. Thom-Santelli, D. Cosley, and G. Gay. "What do you know?: experts, novices and territoriality in collaborative systems". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2010, pp. 1685–1694

21. D. Cosley, J. Baxter, S. Lee, B. Alson, S. Nomura, P. Adams, C. Sarabu, and G. Gay. "A tag in the hand: supporting semantic, social, and spatial navigation in museums". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2009, pp. 1953–1962

22. G. Leshed, D. Perez, J. T. Hancock, D. Cosley, J. Birnholtz, S. Lee, P. L. McLeod, and G. Gay. "Visualizing real-time language-based feedback on teamwork behavior in computer-mediated groups". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2009, pp. 537–546

23. D. Cosley, J. Lewenstein, A. Herman, J. Holloway, J. Baxter, S. Nomura, K. Boehner, and G. Gay. "ArtLinks: fostering social awareness and reflection in museums". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2008, pp. 403–412

24. D. Cosley, D. Frankowski, L. Terveen, and J. Riedl. "SuggestBot: using intelligent task routing to help people find work in Wikipedia". In: *Proceedings of the 12th international conference on Intelligent user interfaces*. ACM. 2007, pp. 32–41

25. S. Sen, S. K. Lam, A. M. Rashid, D. Cosley, D. Frankowski, J. Osterhouse, F. M. Harper, and J. Riedl. "Tagging, communities, vocabulary, evolution". In: *Proceedings of the 2006 20th anniversary conference on Computer supported cooperative work*. ACM. 2006, pp. 181–190

26. D. Frankowski, D. Cosley, S. Sen, L. Terveen, and J. Riedl. "You are what you say: privacy risks of public mentions". In: *Proceedings of the 29th annual international ACM SIGIR conference on Research and development in information retrieval*. ACM. 2006, pp. 565–572

27. D. Cosley, D. Frankowski, L. Terveen, and J. Riedl. "Using intelligent task routing and contribution review to help communities build artifacts of lasting value". In: *Proceedings of the SIGCHI conference on Human Factors in computing systems*. ACM. 2006, pp. 1037–1046

28. D. Cosley, D. Frankowski, S. Kiesler, L. Terveen, and J. Riedl. "How oversight improves member-maintained communities". In: *Proceedings of the SIGCHI conference on Human factors in computing systems*. ACM. 2005, pp. 11–20

29. P. J. Ludford, D. Cosley, D. Frankowski, and L. Terveen. "Think different: increasing online community participation using uniqueness and group dissimilarity". In: *Proceedings of the SIGCHI conference on Human factors in computing systems*. ACM. 2004, pp. 631–638

30. D. Cosley, S. K. Lam, I. Albert, J. A. Konstan, and J. Riedl. "Is seeing believing? how recommender system interfaces affect users' opinions". In: *Proceedings of the SIGCHI conference on Human factors in computing systems*. ACM. 2003, pp. 585–592

31. D. Cosley, P. Ludford, and L. Terveen. "Studying the effect of similarity in online task-focused interactions". In: *Proceedings of the 2003 international ACM SIGGROUP conference on Supporting group work*. ACM. 2003, pp. 321–329

32. S. K. Lam, D. M. Pennock, D. Cosley, and S. Lawrence. "1 Billion Pages = 1 Million Dollars? Mining the web to play "Who Wants to be a Millionaire?"" In: *Proceedings of the Nineteenth conference on Uncertainty in Artificial Intelligence*. Morgan Kaufmann Publishers Inc. 2003, pp. 337–345

33. D. Cosley, S. Lawrence, and D. M. Pennock. "REFEREE: An open framework for practical testing of recommender systems using ResearchIndex". In: *Proceedings of the 28th international conference on Very Large Data Bases*. VLDB Endowment. 2002, pp. 35–46

34. S. M. McNee, I. Albert, D. Cosley, P. Gopalkrishnan, S. K. Lam, A. M. Rashid, J. A. Konstan, and J. Riedl. "On the recommending of citations for research papers". In: *Proceedings of the 2002 ACM conference on Computer supported cooperative work*. ACM. 2002, pp. 116–125

35. J. Goecks and D. Cosley. "NuggetMine: intelligent groupware for opportunistically sharing information nuggets". In: *Proceedings of the 7th international conference on Intelligent user interfaces*. ACM. 2002, pp. 87–94

36. A. M. Rashid, I. Albert, D. Cosley, S. K. Lam, S. M. McNee, J. A. Konstan, and J. Riedl. "Getting to know you: learning new user preferences in recommender systems". In: *Proceedings of the 7th international conference on Intelligent user interfaces*. ACM. 2002, pp. 127–134

37. M. O'Connor, D. Cosley, J. A. Konstan, and J. Riedl. "PolyLens: a recommender system for groups of users". In: *ECSCW 2001*. Springer Netherlands, 2001, pp. 199–218

Journal Articles

1. V. S. Sosik and D. Cosley. "Leveraging social media content to support engagement in positive interventions". In: *The Journal of Positive Psychology* 9.5 (2014), pp. 428–434

2. N. N. Bazarova, J. G. Taft, Y. H. Choi, and D. Cosley. "Managing Impressions and Relationships on Facebook Self-Presentational and Relational Concerns Revealed Through the Analysis of Language Style". In: *Journal of Language and Social Psychology* 32.2 (2013), pp. 121–141

3. D. Cosley, V. S. Sosik, J. Schultz, S. T. Peesapati, and S. Lee. "Experiences with designing tools for everyday reminiscing". In: *Human–Computer Interaction* 27.1-2 (2012), pp. 175–198

4. L. W. Black, H. T. Welser, D. Cosley, and J. M. DeGroot. "Self-Governance Through Group Discussion in Wikipedia Measuring Deliberation in Online Groups". In: *Small Group Research* 42.5 (2011), pp. 595–634

5. M. K. Halpern, M. Evjen, D. Cosley, M. Lin, S. Tseou, E. Horowitz, T. Peesapati, and G. Gay. "SunDial: embodied informal science education using GPS". In: *MedieKultur. Journal of media and communication research* 27.50 (2011), pp. 48–65

6. C. R. Farina, M. J. Newhart, C. Cardie, and D. Cosley. "Rulemaking 2.0". In: *U. Miami L. Rev.* 65 (2010), p. 395

7. C. R. Farina, P. Miller, M. J. Newhart, C. Cardie, and D. Cosley. "Rulemaking in 140 Characters or Less: Social Networking and Public Participation in Rulemaking." In: *Pace Law Review* 31.1 (2011)

8. D. J. Crandall, L. Backstrom, D. Cosley, S. Suri, D. Huttenlocher, and J. Kleinberg. "Inferring social ties from geographic coincidences". In: *Proceedings of the National Academy of Sciences* 107.52 (2010), pp. 22436–22441

9. Y. C. Yuan, D. Cosley, H. T. Welser, L. Xia, and G. Gay. "The diffusion of a task recommendation system to facilitate contributions to an online community". In: *Journal of Computer-Mediated Communication* 15.1 (2009), pp. 32–59

10. K. Ling, G. Beenen, P. Ludford, X. Wang, K. Chang, X. Li, D. Cosley, D. Frankowski, L. Terveen, A. M. Rashid, et al. "Using social psychology to motivate contributions to online communities". In: *Journal of Computer-Mediated Communication* 10.4 (2005)

11. M. Lattanzi and D. Cosley. "Poser, an Online Review Tool in Java". In: *Computer Science Education* 8.3 (1998), pp. 251–264

Short Conference Papers

1. B. Xu, G. Gao, S. R. Fussell, and D. Cosley. "Improving machine translation by showing two outputs". In: *Proceedings of the 32nd annual ACM conference on Human factors in computing systems*. ACM. 2014, pp. 3743–3746

2. L. Reynolds, V. S. Sosik, and D. Cosley. "When Wii doesn't Fit: how non-beginners react to Wii Fit's gamification". In: *Proceedings of the First International Conference on Gameful Design, Research, and Applications*. ACM. 2013, pp. 111–114

3. A. Sharma, M. Gemici, and D. Cosley. "Friends, strangers, and the value of ego networks for recommendation". In: *Proceedings of ICWSM* (2013)

4. J. Cheng and D. Cosley. "How annotation styles influence content and preferences". In: *Proceedings of the 24th ACM Conference on Hypertext and Social Media*. ACM. 2013, pp. 214–218

5. A. Sharma and D. Cosley. "Network-centric recommendation: Personalization with and in social networks". In: *Privacy, security, risk and trust (PASSAT), 2011 IEEE third international conference on and 2011 IEEE third international conference on social computing (SocialCom)*. IEEE. 2011, pp. 282–289

6. V. Schwanda, S. Ibara, L. Reynolds, and D. Cosley. "Side effects and gateway tools: advocating a broader look at evaluating persuasive systems". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2011, pp. 345–348

7. J. Cheng and D. Cosley. "kultagg: ludic design for tagging interfaces". In: *Proceedings of the 16th ACM international conference on Supporting group work*. ACM. 2010, pp. 169–172

8. S. T. Peesapati, V. Schwanda, J. Schultz, and D. Cosley. "Triggering memories with online maps". In: *Proceedings of the American Society for Information Science and Technology* 47.1 (2010), pp. 1–4

9. S. T. Peesapati, H.-C. Wang, and D. Cosley. "Intercultural human-photo encounters: how cultural similarity affects perceiving and tagging photographs". In: *Proceedings of the 3rd international conference on Intercultural collaboration*. ACM. 2010, pp. 203–206

10. H.-C. Wang, D. Cosley, and S. R. Fussell. "Idea Expander: Supporting group brainstorming with conversationally triggered visual thinking stimuli". In: *Proceedings of the 2010 ACM conference on Computer supported cooperative work*. ACM. 2010, pp. 103–106

11. D. Cosley, K. Akey, B. Alson, J. Baxter, M. Broomfield, S. Lee, and C. Sarabu. "Using technologies to support reminiscence". In: *Proceedings of the 23rd British HCI Group Annual Conference on People and Computers: Celebrating People and Technology*. British Computer Society. 2009, pp. 480–484

12. J. Thom-Santelli, D. R. Cosley, and G. Gay. "What's mine is mine: territoriality in collaborative authoring". In: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM. 2009, pp. 1481–1484

13. G. Leshed, J. T. Hancock, D. Cosley, P. L. McLeod, and G. Gay. "Feedback for guiding reflection on teamwork practices". In: *Proceedings of the 2007 international ACM conference on Supporting group work*. ACM. 2007, pp. 217–220

14. N. S. Shami, Y. C. Yuan, D. Cosley, L. Xia, and G. Gay. "That's what friends are for: facilitating 'who knows what' across group boundaries". In: *Proceedings of the 2007 international ACM conference on Supporting group work*. ACM. 2007, pp. 379–382

Other Refereed and Edited Publications

1. A. Sharma, M. Malu, and D. Cosley. "PopCore: A system for Network-Centric Recommendations". In: *Proceedings of the 3rd Workshop on Recommender Systems and the Social Web*. 2011

2. H. T. Welser, P. Underwood, D. Cosley, D. Hansen, and L. Black. "Wiki-Networks: Networks of Creativity and Collaboration". In: *Analyzing Social Media Networks with NodeXL*. Ed. by D. Hansen, B. Shneiderman, and M. Smith. San Francisco, CA: Morgan Kaufmann, 2010

3. G. Leshed, D. Cosley, J. T. Hancock, and G. Gay. "Visualizing language use in team conversations: designing through theory, experiments, and iterations". In: *CHI'10 Extended Abstracts on Human Factors in Computing Systems*. ACM. 2010, pp. 4567–4582

4. D. Cosley, V. Schwanda, S. T. Peesapati, J. Schultz, and J. Baxter. "Experiences with a publicly deployed tool for reminiscing". In: *Proc. First Int'l Workshop on Reminiscence Systems* (2009), pp. 31–36

5. Y. C. Yuan, D. Cosley, L. Xia, and H. T. Welser. "The diffusion of a task recommendation system to facilitate contributions to an online community". In: *International Communication Association Annual Conference*. 2009

6. H. T. Welser, D. Cosley, G. Kossinets, A. Lin, F. Doshkin, G. Gay, and M. Smith. "Finding social roles in Wikipedia". In: *American Sociological Association Annual Meeting*. 2008

7. C. Yuan, D. Cosley, and H. T. Welser. "The Impact of Network Relations on the Diffusion of SuggestBot in Wikipedia". In: *Panel on social network analysis in organizational communication, National Communication Association*. 2007

8. D. Cosley. "Mining Social Theory to Build Member-Maintained Communities". In: *AAAI Spring Symposium: Knowledge Collection from Volunteer Contributors*. 2005, pp. 28–33

9. D. Cosley. "Using Online Tools to Enhance Classrooms: A Case Study with MaSH (Making Serendipity Happen)." In: *Proceedings of WebNet*. 2001, pp. 233–238

Posters, demos, and other juried publications

1. Z. Porges, N. Calace, T. Calhoun, Y. L. Gao, B. Lin, Y. L. Miao, T. Noguchi, B. Shulman, N. Wiener, and D. Cosley. "Pact: leveraging social networks for goal achievement". In: *CHI'14 Extended Abstracts on Human Factors in Computing Systems*. ACM. 2014, pp. 2125–2130

2. Z. Porges, X. Yang, A. Desai, C. Ho, R. Pallegedara, R. Razzaque, and D. Cosley. "Achieve: evaluating the impact of progress logging and social feedback on goal achievement". In: *Proceedings of the companion publication of the 17th ACM conference on Computer supported cooperative work & social computing*. ACM. 2014, pp. 221–224

3. X. Wang and D. Cosley. "TweetDrops: a visualization to foster awareness and collective learning of sustainability". In: *Proceedings of the companion publication of the 17th ACM conference on Computer supported cooperative work & social computing*. ACM. 2014, pp. 33–36

4. B. Xu, T. C.-W. Yuan, S. R. Fussell, and D. Cosley. "SoBot: facilitating conversation using social media data and a social agent". In: *Proceedings of the companion publication of the 17th ACM conference on Computer supported cooperative work & social computing*. ACM. 2014, pp. 41–44

5. B. Xu, A. Chin, and D. Cosley. "On how event size and interactivity affect social networks". In: *CHI'13 Extended Abstracts on Human Factors in Computing Systems*. ACM. 2013, pp. 865–870

6. J. Cheng, L. Kang, and D. Cosley. "Storeys: designing collaborative storytelling interfaces". In: *CHI'13 Extended Abstracts on Human Factors in Computing Systems*. ACM. 2013, pp. 3031–3034

7. M. Malu, N. Jethi, and D. Cosley. "Encouraging personal storytelling by example". In: *Proceedings of the 2012 iConference*. ACM. 2012, pp. 611–612

8. T. Ng, O. J. Zhao, and D. Cosley. "pieTime: Visualizing Communication Patterns". In: *Privacy, security, risk and trust (PASSAT), 2011 IEEE third international conference on and 2011 IEEE third international conference on social computing (SocialCom)*. IEEE. 2011, pp. 720–723

9. L. Reynolds, S. Ibara, V. Schwanda, and D. Cosley. "Does it know I'm not maintaining good posture?: an in-home play study of Wii Fit". In: *CHI'11 Extended Abstracts on Human Factors in Computing Systems*. ACM. 2011, pp. 1687–1692

10. S. Wu, S. Liu, D. Cosley, and M. Macy. "Mining collective local knowledge from Google MyMaps". In: *Proceedings of the 20th international conference companion on World wide web*. ACM. 2011, pp. 151–152

11. H.-C. Wang, S. R. Fussell, and D. Cosley. "Using Language-Retrieved Pictures to Support Multi-lingual Brainstorming". In: *Demo at the ACM 2011 conference on Computer Supported Cooperative Work*. 2011

12. H.-C. Wang, D. Cosley, and S. R. Fussell. "Idea Expander: Agent-Augmented Online Brainstorming". In: *Demo at the ACM 2010 conference on Computer Supported Cooperative Work*. 2010

13. H.-C. Wang, S. R. Fussell, and D. Cosley. "Effects of visual stimuli on idea generation and discourse coherence in conversational brainstorming". In: *Poster at the Annual Meeting of the Society for Text & Discourse*. 2010

14. J. Thom-Santelli, D. Cosley, and G. Gay. "It is My Baby: Expressing Territoriality in Wikipedia". In: *Poster at the ACM 2008 conference on Computer Supported Cooperative Work*. 2008

15. J. Goecks, D. Cosley, Z. Razieli, N. Good, and P. Pham. "Discovering Design Principles of Everyday Computing Devices via a Case Study". In: *Student Research Competition at SIGCSE 2001*. 2001

Awarded Grants

2014–2018. NSF IIS 1405634, CHS Medium: Understanding and designing for online disclosure and its effects on well-being. Funded for $1,179,821. PI Natalie Bazarova, co-PIs Dan Cosley, Janis Whitlock. My main role on this grant is building computational models that detect meaningful disclosure in social media and building systems that leverage those models.

2014–2015. WORKSHOP: ACM Group 2014 Conference Doctoral Research Consortium. Funded for $22,278. PI Dan Cosley. As the title suggests, this is to support the GROUP DC and I led out on getting the funding and am co-organizing with Geraldine Fitzpatrick and Thomas Herrmann.

2013–2016. NSF HCC Large: Social-Computational Support of Civic Engagement in Public Policymaking. Funded for $2,215,876. PI Claire Cardie, co-PIs Susan Fussell, Cynthia Farina, and Gilly Leshed. I am not a PI because of the two-grant limit for CISE core programs, but put a lot of last-minute effort into helping the grant get out the door.

2012. REU supplements NSF OCI 1237338 (to OCI 1025184), OCI 1237737 (to OCI 1025425), and IIS 1237298 (to CAREER). Funded for $16,000 each.

2011–2014. NSF IIS 1111176, SoCS: Computational Facilitation of Online Deliberation in Complex Policymaking. PI Cynthia Farina, Co-PIs Claire Cardie, Dan Cosley. Funded for $750,000. I contributed about 1/4 of the text and was otherwise an equal participant in all aspects.

2011. REU supplements NSF OCI 1132105 (to OCI 1025184), OCI 1132106 (to OCI 1025425), and IIS 1132073 (to CAREER). Funded for $16,100, $16,100, and $16,000 respectively..

2010. NSF OCI 1025425, VOSS: Supporting Multilingual Virtual Organizations. PI Sue Fussell, Co-PI Dan Cosley. Funded for $399,885. I contributed a reasonable amount of writing, especially around the use of IdeaExpander to support machine translation.

2010. REU supplement NSF IIS 1036992 (to CAREER). Funded for $15,950.

2009–2012. NSF IIS 0910664, HCC: LARGE: Design Principles for Information Networks Supporting The Social Production of Knowledge. PI Jon Kleinberg, Co-PIs Claire T. Cardie, Daniel R. Cosley, Geraldine K. Gay, Jeffrey T. Hancock, Daniel P. Huttenlocher, Lillian Lee, Luis van Ahn. Funded for $2,631,903. I did a good bit of the writing, especially around games and motviational strategies for creating appropriate incentives for good/valuable work.

2009. REU supplement NSF IIS 0934188 (to CAREER). Funded for $16,000.

2009. Cornell Institute for Social Sciences, Supporting Communities of Memory and Reminiscence. PI Dan Cosley. Funded for $6,000. The goal is to partially support a workshop on reminiscence that brings together people from a variety of disciplines.

2009–2014. NSF IIS 0845351, CAREER: Leveraging Online Behavior to Support Knowledge and Memory. PI Dan Cosley. Funded for $499,942. This grant both extends my dissertation work, looking for roles and new strategies to motivate people to participate in online communities, and proposes a new line of work around re-using and analyzing existing social media content to help people undersand themselves better.

2007–2010. NSF BCS 0729344, DHB: Solving critical problems in online groups. PI Robert Kraut, Co-PIs John Butler, John Riedl. Funded for $749,026. I was a consultant and minor contributing author on this grant, focusing on a spects of understanding roles in Wikipedia.

2007–2009. Hatch Grant, Involving young people in building successful knowledge communities online. PI Geri Gay, Co-PI Dan Cosley). Funded for $32,000. I was a major contributing author, focusing on using Wikipedia as a tool for education.

2005–2008. NSF IIS 0534420, Helping Hands: Computer Support for Community-Maintained Artifacts of Lasting Value. (PI John Riedl, Co-PIs Joe Konstan and Jeffrey Kahn). Funded

for \$620,000. This grant was based on my dissertation work and I was a major contributing author.

Invited (non-Conference) Talks

2015. *Recommendation, diffusion, and influence.* Michigan.

2015. *Improving social and individual outcomes in social media.* NSF.

2015. *Sharing, social media, and well-being.* Syracuse.

2013. *Big data as both a window and a mirror.* Georgia Tech, Rutgers, Google, Stanford.

2012. *Big data as both a window and a mirror.* Penn State University, University of Michigan.

2011. *Systems for supporting self-awareness through reflecting on social media content.* Northwestern University, University of Florida.

2010. *Systems for supporting self-awareness through reflecting on social media content.* IBM Research Cambridge, Michigan State University.

2010. *Pensieve: Supporting everyday reminiscence.* Cornell Alumni Association of Baltimore, University of Minnesota Bay Area Alumni Association.

2010. *Things I learned at the museum (about tags, design, navigation, and experience).* Cornell CS Brown Bag, Cornell Communication Colloquium, Binghamton University.

2009. *Museum technologies to support social experience and social cataloging.* Florida State University.

2008. *Computational social science with an HCI accent.* Cornell University Communication and Information Science, University of Washington Technical Communication, Marquette University Computer Science, University of Pittsburgh Computer Science, Lehigh University Computer Science.

2007. *Technology, theory, community, and quality: A talk in two acts.* Understanding Information Work in Large-Scale Social Content Creation Systems panel at ASIST.

2007. *Studying and encouraging pro-social behavior in Wikipedia.* HCI Seminar, U. Illinois.

2007. *An HCI look at data collection pitfalls in online community field experiments.* Studying Interaction in Online Communities: From Data Sources to Research Results panel at C&T.

2007. *Taming the bear: Field research in online communities.* New Data/Research Opportunities panel, Cornell Microsoft International Symposium on Self-Organizing Online Communities.

2006. *Studying and encouraging pro-social behavior in Wikipedia.* Information Science Colloquium, Cornell University.

2006. *Helping hands: Design for member-maintained online communities.* Xerox PARC, Northeastern University College of Computer and Information Science, Drexel University.

Organized and Invited Workshops and Panels

2013. Designing Social Media for Change. With Noreen Kamal, Sidney Fels, Michael Fergusson, Jenny Preece, and Sean Munson at *CHI 2013*.

2012. Reject me: peer review and SIGCHI. With Michael Bernstein, Carl DiSalvo, Sanjay Kairam, David Karger, Travis Kriplean, Cliff Lampe, Wendy Mackay, Loren Terveen, Jacob Wobbrock, and Sarita Yardi at *CHI 2012*.

2011. Bridging Practices, Theories, and Technologies to Support Reminiscence Workshop. Lead organizer, with Maurice Mulvenna, Victoria Schwanda, S. Tejaswi Peesapati, and Terence Wright at *CHI 2011*.

2011. Knowledge Media Research Center Summer School on Making Sense of Social Media, Social navigation track leader.

2011. Social-Computational Systems (SoCS) Community Workshop, Doctoral Consortium.

2010. Consortium for the Science of Sociotechnical Systems Summer Research Institute, Counselor.

2009. Consortium for the Science of Sociotechnical Systems Summer Research Institute, Participant.

Courses Taught

2015. INFO 6940: Finding, Filtering, and Sharing Information, INFO 6010: Computational Methods for Information Science Research.

2014. INFO/CS 1300: Introduction to Web Design and Programming, INFO 6010, INFO 6940: Readings in Recommender Systems (with Amit Sharma).

2013. INFO/CS 1300.

2012. INFO/COMM 3450: Human-Computer Interaction, INFO 4940: HCI for MPS students, INFO/COMM 6400: Advanced HCI.

2011. INFO/CS 2300: Intermediate Web Design, INFO 6307: Learning from Web Data, INFO 6940: Perspectives on Information Science (new course).

2010. INFO/COMM 4400/6400, INFO/COMM 3450.

2009. INFO/COMM 3450, INFO 4307/6307: Learning from Web Data (new course).

2008. INFO/COMM 345: HCI, INFO/COMM 4400/6400.

2007. INFO/COMM 345, INFO/COMM 440/640: Advanced HCI.

2006. INFO/COMM 440/640.

2005. CSCI4061: Introduction to Operating Systems.

2000. CS346: Software Design, CS345: Software Engineering, CS139: Algorithm Development.

1999. CS346, CS139, CS138: Being Productive With Computers.

1998. CS138.

Students Advised

PhD: Primary/Co-Advisor

2011–now. Liz Murnane, IS.

2012–now. Bin Xu, IS.

2014–now. Kevin Park, ECE.

2015–now. Brian McInnis, IS; co-advised with Gilly Leshed.

2009–2014. Victoria Schwanda Sosik, IS, UX researcher at Google.

2010–2012. Hao-Chuan Wang, IS, assistant professor in Comptuer Science at National Tsing Hua University, Taiwan; co-advised with Sue Fussell.

2010–2012. Xuan Zhao, Communication, graduated with a Masters and transferred to Michigan.

2011–2012. Laewoo Kang, IS, changed to Steven Jackson.

2010–2015. Amit Sharma, CS, MSR New York postdoc.

PhD: Committee

2009–now. Stephen Purpura, IS, on leave as CEO of ContextRelevant.
2012–now. Han Zhang, DEA.
2013–now. Syed Ishtiaque Ahmed, IS.
2013–now. Nanyi Bi, Communication.
2013–now. Ge Gao, Communication.
2013–now. Nitesh Goyal, IS.
2013–now. Joon Suk Park, CS.
2013–now. Mashfiqui Rabbi, IS.
2013–now. Xiying Wang, IS.
2014–now. Yoon Hyung Choi, Communication.
2014–now. Yixuan Li, ECE.
2015–now. Nir Grinberg, CS.
2015–now. Lua Wilkinson, Nutrition.
2008–2008. Hronn Brynjarsottir, IS, switched members.
2008–2010. Jenn Thom, Communication, research staff member at IBM TJ Watson.
2008–2011. Fatma Baytar, Apparel Design, assistant professor in Apparel, Events, and Hospitality Management at Iowa State University.
2009–2012. Shaomei Wu, IS, researcher at Facebook.
2010–2011. Joshua Braun, Communication, assistant professor in communications at Quinnipiac University.
2011–2011. Mary Nguyen, Communication, switched members.
2011–2012. Shion Guha, IS, switched members.
2012–2013. Laewoo Kang, IS, switched members.
2008–2015. Jamie Herring, Natural Resources.

Masters: Committee

2012–2014. Sarah Han, DEA.
2009–2010. Sally Tang, Communication, UX designer at Google.
2010–2012. Shenwei Liu, IS, iOS engineer at Facebook.
2011–2012. Steven Ibara, IS.
2011–2012. William Miner, DEA.

Other Cornell student researchers supervised/advised

2015. Masters: Karthic Ashokan, Rebecca Dorety, Ben Shulman; Undergrad: Shea Belsky, Sunita Christensen, Julia Joseph, Alan Wu, Tiffany Zhang.
2014. Masters: Tre'Sean Calhoun, Zach Porges; Undergrad: Jimmy Chen, Sunita Christensen, Julia Joseph, Charles Lai, Evan Long, Yulan Miao, Toshihiro Noguchi, Michael Patashnik, Ben Shulman, Tiffany Zhang.
2013. Masters: Yu Li, Alex Pan, Zach Porges, Ke Wang; Undergrad: Nicole Calace, Yundi Gao, Edward Gong, Vera Khovanskaya, Brian Lin, Alex Meyers, Sasha Naranjit, Toshihiro Noguchi, Laurence Rosenzweig, Ben Shulman, Omer Syed, Cheng Xing.

2012. Masters: Shruti Gautam, Mevlana Gemici, Ti-Na Lee, Matt Lepage, Yu Li, Michael Triche; Undergrad: Justin Cheng, Janice Park, Qixuan Zhang.

2011. Masters: Shruti Gautam, Namrata Jain, Nikunj Jethi, Sneha Kanneganti, Michael Triche; Undergrad: Annie Bai, LaiYee Ho, Matt Lepage, Mark Mattsson, Tiffany Ng, Jirui Qin, OJ Zhao, Qixuan Zhang.

2010. Masters: Nitika Aggarwal, Arundhati Bhat, Rupashree Heggadadevanakote Rangaiyengar, Anju Mohan Jha, Li Jiang, Sijie Liu, Emily Kraus, Rob Lewis, Jhansi Maryada, Meethu Malu, Mitesh Mehta, Swati Popuri, Vandana Telikacharla, Johnathon Schultz; Undergrad: Annie Bai, Justin Cheng, Mitch Davis, LaiYee Ho, Erica Horowitz, Soyae Jeong, Aaron Martinez, Sarah McAvoy, Jirui Qin, Steve Spagnola, Jordan Toth.

2009. Masters: Yilin Qin; Undergrad: Kathy Akey, Brian Alson, Jon Baxter, Mark Broomfield, Soyae Jeong, Soyoung Lee, Jenn Vargas.

2008. Masters: Diego Perez; Undergrad: Phil Adams, Kathy Akey, Terra Alpaugh, Brian Alson, Jacob Bank, Lisa Boyd, Mark Broomfield, Ben Cole, Soyoung Lee, Chethan Sarabu.

2007. Undergrad: Jon Baxter, Andrew Herman, Jenna Holloway, Chethan Sarabu.

Non-Cornell researchers supervised/advised

2015. Samuel Barbosa, University of Sao Paulo, visiting scholar.

2015–now. Xuan Zhao, Michigan PhD, external member.

2015–now. Rebecca Gulotta, CMU PhD, external member.

2013. Nathan Prestopnik, Syracuse PhD, external reader, now an assistant professor at Ithaca College.

2013. Guo Cen, Tsinghua undergraduate, summer intern.

2013. Xi Yang, Hong Kong University Masters, visiting scholar, went on to an internship at MSR Asia.

2012. Sara Alwaalan, King Saud University undergrad, summer intern, went on to be a masters student at Columbia CS.

2012. Thomas Hogenhaven, Copenhagen Business School PhD student, visiting scholar, went on to be CSO at Better Collective.

2012. Niloufar Salehi, Sharif University of Technology undergrad, summer intern, now a PhD student at Stanford CS.

2011–2012. Meethu Malu, Cornell CS MEng, hired for one year, now a PhD student at Maryland.

2010–2012. Johnathon Schultz, Cornell IS undergrad and CS MEng, hired for one year, went to Yelp.

2009–2010. Tejaswi Peesapati, Louisiana Tech CS Masters grad, hired for one year, went to Yahoo.

2007. Syavash Nobarany, University of Tehran CS undergrad, remote collaboration, went on to be a PhD student at University of British Columbia.

2007. Mona Haraty, University of Tehran CS undergrad, remote collaboration, went on to be a PhD student at University of British Columbia.

2007. Joel Lewenstein, Stanford CS undergrad, summer intern, went on to Quora.

Non-research independent studies

2015. Undergrad: Trinh Le.

2014. Undergrad: Ethan Fuld, Adam Groner, Alex Meyers, Laurence Rosenzweig, Qixuan Zhang.

2013. Masters: Nick Eng-Rohrbach, Zhongyang Fu, Wit Tatiyanupanwong; Undergrad: Yousef Hozayen, Jocelyn Lee, Hyun Seung Oh, Yue Zhu.

2011. Masters: Wei Xin Yuan; Undergrad: David Boden, Eric Swidler, Francisco Pedraza.

2010. Masters: Abena Oteng-Agipong, Richard Wang; Undergrad: Nick Heiner.

2009. Undergrad: Ethan Benanav, Jared Cantwell, Will Colton, Ari Evans, Jessica Ng, Mayur Pandya, Mark Udoff, Vincent Ventola.

2008. Undergrad: Alberto Alvarado, Will Colton, Ari Evans, Andrew Heiberg, Mark Udoff.

TA supervision and mentoring

2014. PhD: Nitesh Goyal, Xiying Wang; Masters: Yudi He, Steven Lam, Lin Li, Yu Qi; Undergrad: Yunjie Bi, Nicole Calace, Veena Calambur, Amber Chen, Lillian Chen, Stepheny Cheuk, Sunita Christiansen, Christine Chu, Kayhryn Flannigan, Linda Gao, Brandon Giraldo, Jay Grollman, Noah Grossman, Andrew Halpern, Alencia Harris, Jonathan Hayon, Victor Hom, Yoon Jae Kim, Charles Lai, Ariel Lee, Ji Young Lim, Guo Liow, Emily Lutz, Michael Luzmore, Kristin Murray, Ji Sue Park, Maya Pochiraju, Shreya Sitaraman, Juno-ho Sohn, Chiaki Soejima, Alisha Sojar, Ariel Soriano, Christopher Traver, Matthew Tomlinson, Jeffrey Tuarez, Qian Wang, Tyler Williams, Tiffany Wong.

2013. PhD: Xiying Wang, Amit Sharma; Masters: Zach Porges; Undergrad: Matt Baron, Erik Bonadonna, Veena Calambur, Will Chan, Christopher Chung, Madeleine Corneli, Ian (Wybren) de Vries, Tyler Ehrlich, Xindi Gao, Adam Groner, David Hau, Victor Hom, Kevin Jerrard, Evan Knight, Kaitlyn Kwan, Hassan Ladhubhai, Ariel Lee, Ji Young Lim, Xiongxin Li, Lannie (Yulan) Miao, Kristin Murray, Mytien Nguyen, Ian Perry, Michelle Phillips, John Proserpio, Laurence Rosenzweig, Rena Sha, Alisha Sojar, Tarn (Chanida) Susumpow, Matt Tomlinson, Samuel Tung, Richmond Wong, Zheng Yao, Rachel Yen, Alex (Young) Yu.

2012. PhD: Victoria Sosik, Liz Murnane; Masters: Eric Swidler; Undergrad: Weili Shi; Tae Lee; Vera Khovanskaya.

2011. PhD: Niranjan Sivakumar, Madeline Smith; Masters: Johnathon Schultz; Undergrad: Annie Bai, Rostislav Beltser, Mark Broomfield, Jon Culver, Hedy Deng, Kent Dolby, Qiming Fang, Minnie Gong, Will Gunn, Erica Horowitz, Ben Jacoby, Tae Lee, Jon Liu, Abena Oteng-Agipong, Claire Poza, Ryan Schultz, Zach Silversmith, Julien Wormser.

2010. PhD: Hao-Chuan Wang, Xuan Zhao, Victoria Sosik; Undergrad: Stuart Davis, Claire Poza.

2009. PhD: Hrönn Brynjarsdóttir, Megan Halpern; Undergrad: Chelsea Howe, Jenna Holloway, Ian Sholtys, Jaime Tupino.

2008. PhD: Hrönn Brynjarsdóttir, Jofish Kaye, Janet Yang; Undergrad: Jon Baxter, Jenna Holloway.

2007. PhD: Natalie Bazarova, Sadat Shami.

2006. PhD: Dima Epstein.

Masters and undergrad academic advisees

Current. Maggie Ehrlich, Brandon Giraldo, Luke Goodman, Bryson Graves, Sean McNeil, Eric Morris, Eric Porter, Peter Roach, Carolyn Sussman, Dena Tanenbaum, Qian Wang, Stefanie Wu.

Graduated 2015. Michael Elfenbein, Brian O'Connor, Daniel Wu, Zheng Yao.

2014. Pengfei Chen, Christopher Chung, Alexandra Kramer, Brian Lin, Charles Schwartz.

2013. Joseph Lim, Jeffrey Shaffer, Claire Cipriani, Catherine Ho, Jared Kass, John (Tae Chin) Lee, Kevin Lin, Cathy Lu, Boris Opacic, Zachary Porges, Taylor Udell.

2012. Rostislav Beltser, Jacob Bogardus, Kevin Cassidy, Yining Han, Nicholas Heiner, Laiyee Ho, Noa Ikeda, Benjamin Perry, Eric Swidler, Andrew Wisnieff, Albert Monina.

2011. Matthew Adelman, Kyle Barron, James Elkins, William Gunn, Michael Lin.

2010. Alexandra Milaychev, Jay Pierce, Johnathon Schultz, Ashley Vernon, Eli Luxenberg.

2009. Lisa Ji, Xiangning Li, Lisa Park.

Awards

2015. Best Paper Honorable Mention, CSCW 2015.

2013. ISS Faculty Fellow, Cornell University.

2013. Best Paper Award, CHI 2013.

2011. Best Paper Award, iConference 2011.

2006. Best Paper Award, CSCW 2006.

2006. Excellence in Research Award, Computer Science Dept., University of Minnesota.

2005–2006. Guidant Fellow, Computer Science Dept., University of Minnesota.

2003. Excellence in Research Award, Computer Science Dept., University of Minnesota.

2000–2001. Graduate School Fellow, University of Minnesota.

Professional Activities

External Service

2013–now. HCI journal associate editor.

2016. CSST director, GROUP doctoral consortium co-chair, with Wayne Lutters.

2015. CSCW general co-chair, with Andrea Forte; CSCW program committee; CSST assistant director, with Diane Bailey.

2014. CSCW associate chair, GROUP doctoral consortium co-chair, with Geraldine Fitzpatrick.

2013. CSCW demos co-chair, with Travis Kriplean; CSCW associate chair.

2012. WikiSym technical chair; GROUP doctoral consortium co-chair, with Aleksandra Sarcevic; CSCW webmaster, with Victoria Schwanda; CSCW associate chair; CHI associate chair.

2011. CSCW videos chair, with Karrie Karahalios; CHI associate chair.

2010. CSCW associate chair, CHI associate chair.

2009. UIST associate chair; C&T doctoral consortium.

2005. IUI student volunteer.

2002. CHI student volunteer, IUI student volunteer.

2001–2002. Vice chair, Computer Science Grad Student Association, University of Minnesota.

1999–2000. CS1/CS2 curriculum committee, James Madison University.

1999–2000. Freshman advisor (120 students/year), James Madison University.

Reviewing

2015. CHI, CSCW, IJHCS, NSF, OpenSym, TOCHI, Wikisym.
2014. CHI, alt.CHI, CSCW demos, DIS, GROUP, HBAS, IJHCS, NordiCHI, NSF, OpenSym, PLoS One, UIST.
2013. Basic & Applied Psych., JASIST, CHI, IUI, NSF, ToCHI, Wikisym, RecSys, SNAM, CACM.
2012. iConference, CHI Case studies, CHI best papers, JCMC, DIS, NSF, TOCHI, JASIST, IJHCS, Pervasive, WWW.
2011. ISS Small Grants, CSCW, HCI journal, JASIST, UMAP, RecSys, WikiSym, TOCHI, IJHCS, NSF.
2010. alt.CHI, UIST, TWEB, NordiCHI, NSF, ISS Small Grants, WWW, IUI.
2009. CHI, C&T, NSF, ISR.
2008. CHI, CSCW, ISR, NSF, RecSys, IEEE Pervasive, TWEB.
2007. CHI, RecSys, Pervasive, IJHCS, ACII, ISR.
2006. CHI, AAAI, CSCW, Information Systems Research.
2005. CHI, JAIR.
2004. CHI, CSCW.
2003. UIST, CHI, SIGSCE.
2002. IAAI, SIGIR.
2001. Hong Kong Research Grants Council.

Internal Service

2015–2016. IS: PhD design project coordinator, Cornell Days representative (Amy Sindone).
2014–2015. IS: recruiting committee chair, PhD design project coordinator, admissions committee (Phoebe Sengers), BOOM judging (David Mimno), Cornell Days representative (Amy Sindone), curriculum committee (Jeff Hancock); CALS: strategic planning panel (Max Pfeffer).
2013–2014. IS: recruiting committee (Jon Kleinberg), curriculum committee (Paul Ginsparg), CSF tech advisory committee (Robbert van Renesse), BOOM judging (David Mimno), Cornell Days representative (Amy Sindone); Making social media work for academia panel (Cindy Grey); Comm NYC Tech recruiting committee (Geri Gay).
2012–2013. IS: curriculum committee (Paul Ginsparg), CSF tech advisory committee (Robbert van Renesse), BOOM organizer (Saba Alemayehu), Cornell Days representative (Amy Sindone).
2011–2012. IS: curriculum committee (David Williamson), MPS admissions (Carl Lagoze), CFS tech advisory committee (Robbert van Renesse); Social media hub for NYC tech campus proposal (Dan Huttenlocher), Cornell virtual tour project committee (Barbara Knuth).
2010–2011. IS: curriculum committee (David Williamson), colloquium coordinator, PhD admissions committee (Francois Guimbretiere); Cornell Moodle pilot evaluation.
2009–2010. IS: curriculum committee (David Williamson), colloquium coordinator, PhD admissions committee (Dan Huttenlocher); Cornell Moodle pilot evaluation.
2004. Recruiting committee, Computer Science Department, University of Minnesota.

Memberships

2007–2011. ASIS&T.
1997–now. ACM.

1997-1999. ACM Student Chapter, James Madison University.

Major software developed or supervised

2014. Pact, a social toal for goal accomplishment.
2014. Positivity, a tool for positive psychology interventions that use social media content.
2012. Goals in Mind, a Facebook application for managing, accomplishing, and reflecting on goals.
2011. PopCore, a social recommender system in Facebook.
2009. Pensieve, a website and Facebook application for supporting reminiscence.
2008. MobiTags, a handheld tagging device for museum collections.
2007. ArtLinks, an experimental interface for supporting social and spiritual elements of museum-going.
2006. SuggestBot, a recommender system for Wikipedia articles to edit, used by over 5,000 people.
2003. The MovieLens experimental framework, part of a recommender system for movies, used by over 100,000 people.
2002. REFEREE, a framework for doing experiments with recommender systems in ResearchIndex.
2001. SmartShopper, a handheld Palm shopping list, downloaded over 40,000 times.