

BRENT HECHT

Department Electrical Engineering and Computer Science

Email: brent@u.northwestern.eduWeb: www.brenthecht.com**Professional Preparation:**

- 2012 (Expected), Ph.D. Computer Science, Northwestern University
- 2008 M.A. Geography, UC Santa Barbara
- 2005 B.A. Honors Computer Science, Macalester College
- 2005 B.A. Honors Geography, Macalester College

Appointments:

- 2010 Intern, Adaptive Systems and Interaction (ASI) + Context, Learning and User Experience for Search (CLUES), Microsoft Research
- 2010 Intern, Augmented Social Cognition, Palo Alto Research Center
- 2008– Research Assistant, CollabLab, Northwestern University
- 2008– Adjunct Instructor, Dept. of Earth Science, Santa Barbara City College
- 2005–2008 Research Assistant, Dept. of Geography, UC Santa Barbara
- 2008–2008 Teaching Assistant, Dept. of Geography, UC Santa Barbara
- 2004–2005 Teaching Assistant, Macalester College

Selected Grants and Awards

- 2011–2014 National Science Foundation Graduate Research Fellowship (NSF GRFP)
- 2010 ACM SIGCHI Best Paper Award
- 2009 COSIT Best Presentation Award
- 2008 GIScience Best Extended Abstract
- 2008 AAG International Geographic Information Fund Best Student Paper
- 2008–2009 Northwestern University Royal E. Cabell Endowed University Fellowship
- 2005–2008 IGERT Trainee Grant
- 2005–2008 UC Santa Barbara Regents Fellowship
- 2005 National Council for Geographic Education Outstanding Senior, Macalester College

Selected Publications

- CHI 2010:** Hecht, B. and [Gergle, D.](#) The Tower of Babel Meets Web 2.0: User-Generated Content and its Applications in a Multilingual Context. *28th ACM Conference on Human Factors in Computing Systems*. Atlanta, GA ([pdf](#)).
- CSCW 2010:** Hecht, B. and [Gergle, D.](#) On The "Localness" of User-Generated Content. *2010 ACM Conference on Computer Supported Cooperative Work*. Savannah, Georgia, USA. ([pdf](#))
- Book Chapter:** Hecht, B. and [Gergle, D.](#) A Beginner's Guide to Geographic Virtual Communities Research. *Handbook of Research on Methods and Techniques for Studying Virtual Communities: Paradigms and Phenomena*. Ed: Daniel, Ben K. IGI Global. 2010. ([preprint pdf](#))
- COSIT 2009:** Hecht, B and [Moxley, E.](#) Terabytes of Tobler: Evaluating the First Law in a Massive, Domain-Neutral Representation of World Knowledge. *Ninth International Conference on Spatial Information Theory*, Springer-Verlag, L'Aber Wrac'h, France, 88–105.

- C&T 2009:** Hecht, B. and [Gergle, D.](#) Measuring Self-Focus Bias in Community-Maintained Knowledge Repositories. *Fourth International Conference on Communities and Technologies*, University Park, PA, USA, 2009. ([pdf](#))
- Book Entry:** Hecht, B. Data Indexing. in Warf, B. ed. *The Encyclopedia of Geography*, SAGE, 2009.
- GIScience 2008 EA:** Hecht, B. and [Schöning, J.](#) Mapping the Zeitgeist. Miller, H. and Cova, T. eds. *5th International Conference on Geographic Information Science (Extended Abstract)*. Park City, Utah. United States, 2008. **Winner: Best Extended Abstract.** ([pdf](#))
- AGILE 2008:** Hecht, B. and [Raubal, M.](#) GeoSR: Geographically explore semantic relations in world knowledge. Bernard, L., Friis-Christensen, A. and Pundt, H. eds. *11th AGILE International Conference on Geographic Information Science*, Springer-Verlag, Girona, Spain, 2008, 95–114. ([pdf](#))
- IUI 2008:** [Schöning, J.](#), Hecht, B., [Raubal, M.](#), [Krüger, A.](#), Marsh, M. and [Rohs, M.](#) Improving interaction with virtual globes through spatial thinking: Helping users ask "why?" *13th International Conference on Intelligent User Interfaces*, ACM, Gran Canaria, Spain, 2008, 129–138. ([pdf](#))
- AAAI Fall Symposium 2007:** Hecht, B., [Starosielski, N.](#) and [Dara-Abrams, D.](#) Generating Educational Tourism Narratives from Wikipedia. Magerko, B., Riedl, M., Loyall, B., Young, R.M. and Mateas, M. eds. *Association for the Advancement of Artificial Intelligence Fall Symposium on Intelligent Narrative Technologies (AAAI-INT07)*, AAAI, Arlington, VA, USA, 2007, 37–44. ([pdf](#))