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EDUCATION

2009 – 2011 Columbia University, NY, NY, *M.A., Biomedical Informatics*
2005 – 2009 Georgia Institute of Technology, Atlanta, GA *Ph.D. Human-Centered Computing*
1998 – 2000 Georgia Institute of Technology, Atlanta, GA *M.S. Human-Computer Interaction*
1990 – 1996 Ukrainian State Maritime Technical University, Nikolayev, Ukraine *B.S. Computer Science*

PROFESSIONAL EXPERIENCE AND POST-DOCTORAL TRAINING

2011 – present *Assistant Professor*, Department of Biomedical Informatics, CUMC, NY, NY.
2009 – 2011 *Post-Doctoral Research Fellowship*, Columbia University, NY, NY.
2005 – 2009 *Graduate Research Assistant*, Georgia Institute of Technology, Atlanta, GA
2002 – 2005 *Research Scientist*, Siemens Corporate Research, Inc, Princeton, NJ
2001 – 2002 *User Research Specialist*, Elias Arts, Inc., New York, NY
2000 – 2001 *User Research Specialist*, Razorfish Inc., New York, NY
1998 – 2000 *Graduate Research Assistant*, Georgia Institute of Technology, Atlanta, GA

AWARDS AND GRANTS

2011 R01 NIDDK (Co-Investigator) “HIT for Facilitating Problem-Solving in Diabetes Management”, PI: George Hripcsak, Collaboration between Columbia University, Georgia Tech, and Clinical Directors Network, NY
2011 Paper Design Lessons from the Fastest Q&A in the West, in the Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems, CHI 2011. Honorable mention (top 5%).
2006 Paper Investigating health management practices of individuals with diabetes. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Montréal, Québec, Canada, April 22 - 27, 2006, Best Paper Nomination: top 5%).
2005 NYS Office of Science, Technology and Academic Research CAT (\$75,000)
Title: Mobile and ubiquitous computing for diabetes management
Role: Co-Investigator
2004 NYS Office of Science, Technology and Academic Research CAT (\$75,000)
Title: Mobile and ubiquitous computing for diabetes management
Role: Co-Investigator
1999 IBM Research Division Award for “Outstanding Contribution as a Summer Student”

PROFESSIONAL MEMBERSHIPS

- 1998 – present Association of Computing and Machinery, Special Interest Group on Human-Computer Interaction (SIGCHI)
2009 – present American Medical Informatics Association
2009 – present New York Academy of Science

OTHER PROFESSIONAL ACTIVITIES

- 2011 Workshop on Interactive Systems in Healthcare (WISH 2011), co-organized with 2011 AMIA Annual Symposium, Co-Chair.
2011 ACM Conference on Health Informatics (IHI), Program Committee Member
2011 ACM Conference on Pervasive Computing (Pervasive 2012), Program Committee Member
2011 National Science Foundation, grant review panel (Human-Centered Computing)
2011 ACM Conference on Pervasive Technologies (Pervasive 2011), Program Committee Member
2010 Pervasive Health Conference, Program Committee Member, Workshops Co-Chair
2010 ACM 1st Conference on Health Informatics (IHI), Program Committee Member
2010 ACM Conference on Human Factors in Computing Systems (CHI), Work in Progress Associate Chair
2010 ACM Conference on Groupware (GROUP), reviewer
2010 Special Issue of the International Journal of Human-Computer Interaction on “Evaluating new interactions in healthcare: Challenges and approaches”, reviewer
2010 National Science Foundation, grant review panel (Human-Centered Computing)
2010 Maryland Industrial Partnership, grant reviewer
2010 – present Annual Meeting of American Medical Informatics Association (AMIA), reviewer
2007 – present ACM Conference on User Interface Design and Technology, reviewer
2007 – present ACM Conference on Computer Supported Cooperative Work, reviewer
2005 – present ACM Conference on Ubiquitous Computing (UbiComp), reviewer
1999 – present ACM Conference on Human Factors in Computing Systems (CHI), reviewer

TEACHING EXPERIENCE

- 2010 Columbia University, New York, NY (Fall 2010)
Graduate Teaching Assistant (Dr. David Kaufman, *Cognitive Science in Biomedical Informatics*)
2008 Master Thesis Advisor, Daniel Greenblatt (*M.S. HCI, Georgia Tech*)
2006 Georgia Institute of Technology, Atlanta, GA (Spring 2006)
Graduate Teaching Assistant (Dr. Elizabeth D. Mynatt, *Advanced topics in HCC*)
2005 Master Thesis Advisor, Gregory Delajoux (*M.S. CS, Ecole polytechnique fédérale de Lausanne, Switzerland*)
2004 Undergraduate Thesis Advisor, Kevin Trinn (*B.S. CS, University of Waterloo, Canada*)
2000 Georgia Institute of Technology, Atlanta, GA (Spring 2000)
Graduate Teaching Assistant (Dr. Wendy Newstetter, *Qualitative Methods in HCI*)

- 1999 Georgia Institute of Technology, Atlanta, GA (Fall 1999)
Graduate Teaching Assistant (Dr. Elizabeth D. Mynatt, Introduction to HCI)
- 1999 TJ Watson IBM RESEARCH CENTER, Hawthorn, NY

PUBLICATIONS

Journals and Scientific Magazines (Peer Reviewed):

- [j.1.] Mamykina, L., Hripcsak, G., Vawdrey, D., Stetson, P., Clinical Documentation: From Composition to Synthesis, in preparation.
- [j.2.] Mamykina, L., Mynatt, E.D., 2009. Two Approaches to Interpreting Health and Wellness Information, in *International Journal of Advanced Pervasive and Ubiquitous Computing (JAPUC)*, 2009.
- [j.3.] Mamykina, L., Candy, L., and Edmonds, E. 2002. Collaborative creativity. In *Communications of ACM (CACM)* 45, 10 (Oct. 2002), 96-99.

Conference Publications (Full Papers):

- [c.1.] Mamykina, L., Hartman, B., Hripcsak, G., 2011 Design Lessons from the Fastest Q&A in the West, to be included in the *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems*, CHI 2011.
- [c.2.] Mamykina, L., Miller, A., Medynsky, E., Grovet, C., Terry, M.A., Davidson, P., Mynatt, E.D., 2011 Examining the Impact of Social Tagging on Sensemaking in Nutrition Management, to be included in the *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems*, CHI 2011.
- [c.3.] Mamykina L., Miller, A., and Mynatt, E.D., 2010 Constructing Identities through Storytelling in Diabetes Management, to appear in *Proceeding of the Twenty-Seventh Annual SIGCHI Conference on Human Factors in Computing Systems* (Atlanta, GA, April 12-16). CHI '10.
- [c.4.] Mamykina, L., Mynatt, E., Davidson, P., and Greenblatt, D. 2008. MAHI: investigation of social scaffolding for reflective thinking in diabetes management. In *Proceeding of the Twenty-Sixth Annual SIGCHI Conference on Human Factors in Computing Systems* (Florence, Italy, April 05 - 10, 2008). CHI '08. ACM, New York, NY, 477-486.
- [c.5.] Lin, J.J., Mamykina, L., Lindtner, S., Delajoux, G., and Strub, H.B. 2006 Fis'N'Steps: Encouraging Physical Activity with an Interactive Computer Game, in *Proceedings of Ubicomp 2006*, Lecture Notes in Computer Science, Springer Berlin / Heidelberg, Volume 4206/2006, pp. 261-278.
- [c.6.] Mamykina, L., Mynatt, E. D., and Kaufman, D. R. 2006. Investigating health management practices of individuals with diabetes. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Montréal, Québec, Canada, April 22 - 27, 2006). R. Grinter, T. Rodden, P. Aoki, E. Cutrell, R. Jeffries, and G. Olson, Eds. CHI '06. ACM, New York, NY, 927-936. (Best Paper Nomination: top 5%)
- [c.7.] Lee, M.D., Mamykina, L., Harrison, C., 2005. Relational and Metaphorical Approaches to Information Visualization: Effects of Age and Graphical Facility, *Human Factors and Ergonomics Society Annual Meeting*, 2005, Orlando, FL.
- [c.8.] Mamykina, L., Mynatt, E., and Terry, M. A. 2001. Time Aura: interfaces for pacing. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Seattle, Washington, United States). CHI '01. ACM, New York, NY, 144-151.
- [c.9.] Mamykina, L. and Wolf, C. G. 2000. Evolution of Contact Point: a case study of a help desk and its users. In *Proceedings of the 2000 ACM Conference on Computer Supported Cooperative Work* (Philadelphia, Pennsylvania, United States). CSCW '00. ACM, New York, NY, 41-48.

Conference Publications (Work-in-Progress, Late Breaking Results, Posters):

- [c.10.] Mamykina, L., Wilcox, L., Vawdrey, D., Stein, D., Collins, S., Camargo, S., Fred, M., Hripcsak, G., Feiner, S., Designing for Adoption: Living Laboratory for Health IT, presented at the Workshop on Interactive Systems in Healthcare, in conjunction with ACM conference on Human-Factors in Computing Systems (CHI 2010, Atlanta, GA, April 2010)
- [c.11.] Mamykina, L., Mynatt, E., 2009 Designing Pervasive Health Monitoring Applications for Communities of Users, in Extended Abstracts of Pervasive'09 May 11-14, Nara, Japan.
- [c.12.] Mamykina, L., Goose, S., Hedqvist, D., and Beard, D. V. 2004. CareView: analyzing nursing narratives for temporal trends. In *CHI '04 Extended Abstracts on Human Factors in Computing Systems* (Vienna, Austria, April 24 - 29, 2004). CHI '04. ACM, New York, NY, 1147-1150.

Patents:

- [p.1.] Dai, J.-L., Mamykina O., Masticola, S., McGee, A., Michelis, R., Dapaport D., Remote wellness monitoring and communication, (United States Patent Application 20060008058)

Book Chapters (Peer Reviewed):

- [b.1.] Mamykina, L., Mynatt, E.D., (2010) An Iterative Discovery Approach in Designing Ubicomp Technologies that Assist Individuals in Managing Diabetes, in Barbara M. Hayes and William Aspray, eds. *Health Informatics: A Patient-Centered Approach to Diabetes* Cambridge, MA and London, England: MIT Press, 2010.
- [b.2.] Mynatt, E.D., Abowd, G.D., Mamykina, L., Keintz, J.A., (2010) Understanding the Potential of Ubiquitous Computing for Chronic Disease Management, in Barbara M. Hayes and William Aspray, eds. *Health Informatics: A Patient-Centered Approach to Diabetes* Cambridge, MA and London, England: MIT Press, 2010.
- [b.3.] Mamykina, L., Mynatt, E.D., (forthcoming) Interpreting Health and Wellness Information in *RFID & Smart Technologies for Information Convergence* (Symonds, J., editor), IGI Global Publications.

Workshop organizer:

- [w.1.] Mamykina, L., Reddy, M., Grimes Parker, A., Workshop on Interactive Systems in Healthcare (WISH 2011), co-hosted with 2011 Annual Symposium of American Medical Informatics Association (AMIA)
- [w.2.] Randell, R., Fitzpatrick, G., Wilson, S., Mamykina, L., Tang, C., Evaluating new interactions in healthcare: challenges and approaches. To be included in CHI '09 Extended Abstracts of ACM on Human Factors in Computing Systems (Boston, USA, April 4-9, 2009). CHI '09. ACM, New York, NY.
- [w.3.] Mamykina, L., Bardram, J. E., Korhonen, I., Mynatt, E., and Pratt, W. 2004. HCI and homecare: connecting families and clinicians. In CHI '04 Extended Abstracts on Human Factors in Computing Systems (Vienna, Austria, April 24 - 29, 2004). CHI '04. ACM, New York, NY, 1715-1716.

Workshop position papers and conferences without proceedings

- [w.4.] Mamykina, L., and Mynatt, E.D., 2009. Supporting diabetes management practices with ubiquitous computing, to be presented at the Engaging Design workshop at the *SIGCHI Conference on Human Factors in Computing Systems, CHI'09*
- [w.5.] Mamykina, L. and Mynatt, E. D. 2007. Investigating and supporting health management practices of individuals with diabetes. In Proceedings of the 1st ACM SIGMOBILE international Workshop on Systems and Networking Support For Healthcare and Assisted

Living Environments (San Juan, Puerto Rico, June 11 - 11, 2007). HealthNet '07. ACM, New York, NY, 49-54.

- [w.6.] Mamykina, L., Mynatt, E.D., Role of Community Support in Coping with Chronic Diseases: A Case Study of a Diabetes Support Group, HCI International, 2005, Las Vegas, Nevada, USA.
- [w.7.] Abowd, G.D., Hayes, G.R., Kientz, J.A., Mamykina L., Mynatt E.D., Chronic Care Management: An Opportunity for Collaborative Technologies, *Human Computer Interaction Consortium (HCIC)*, HCIC'06, Colorado, USA.
- [w.8.] Mamykina, L., 2001, Supporting creativity of multidisciplinary teams, presented at the Computing for Creativity workshop at *SIGCHI Conference on Human Factors in Computing Systems, CHI'01*.

INVITED TALKS

- [t.1.] “Designing for reflection in chronic disease management”, Robert Wood Johnson Foundation workshop on Personal Health, December 2008
- [t.2.] “Ubiquitous Computing Technologies for Elder Care”, New York Council of Senior Centers and Services (CSCS) 2005 Conference, Gratitude & Growth: Celebrating Diversity in Aging (workshop on Technology in Aging Services: Using it Today and Developing it for Tomorrow), January 2005
- [t.3.] “Designing for Behavioral Change in Disease Management”, Columbia University, Department of Biomedical Informatics, May 2004
- [t.4.] “Human Computer Interaction Techniques for Disease Management”, Thought Leaders Workshop, Rochester University, April 2004
- [t.5.] “Practical application of HCI”, Georgia Institute of Technology, HCI MS annual open house, February 2004’