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## APPOINTMENTS

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<b>Professor</b> Department of Communication Studies School of Communication Northwestern University, Evanston, IL	07/2015- Present
<b>Professor</b> (Courtesy Appointment) Division of Health and Biomedical Informatics Department of Preventative Medicine Feinberg School of Medicine Northwestern University	02/2016- Present
<b>Associate Professor</b> College of Information Sciences and Technology The Pennsylvania State University, University Park, PA	07/2010-06/2015
<b>Assistant Professor</b> College of Information Sciences and Technology The Pennsylvania State University, University Park, PA	08/2005- 07/2010
<b>Assistant Professor</b> Department of Business and Information Technology Missouri University of Science and Technology, Rolla, MO	08/2003-07/2005
<b>College of IST Administrative Positions</b> Graduate Advisor	09/2013 - 06/2015 02/2011- 07/2012
Graduate Programs Director	07/2012 - 09/2013 07/2010 - 02/2011
Chair, Faculty Council	02/2011- 07/2012

**ACADEMIC AFFILIATIONS**

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<b>Core Faculty</b> PhD in Technology and Social Behavior PhD in Media, Technology, and Society Northwestern University	2015-Present
<b>Core Faculty</b> Center for Communication and Health Northwestern University	2015-Present
<b>Founding and Executive Committee Member</b> Center for Integrated Healthcare Delivery Systems Penn State	2009-2015
<b>Faculty Affiliate</b> Center for Health Care and Policy Research Penn State	2006-2015

**EDUCATION**

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Ph. D., Information and Computer Science (UC Irvine) (Thesis Advisors: Paul Dourish and Wanda Pratt)	2003
M.S., Information and Computer Science (UC Irvine)	1999
M.S., Health Care Administration (Cal State, Long Beach)	1995
B.S., Biological Science (UC Irvine)	1994
B.A., Political Science (UC Irvine)	1992

**RESEARCH INTERESTS**

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Health Informatics, Computer-Supported Cooperative Work (CSCW), Human-Computer Interaction (HCI), Information Sciences, collaborative information behavior, socio-technical analysis, ethnographic study, collaborative systems design

**HONORS**

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Fellow of the American College of Medical Informatics	2015
Diana E. Forsythe Award Winner (American Med. Info Assoc.)	2010
Honorable Mention, ACM Conference on Computer Supported Cooperative Work	2010
Diana E. Forsythe Award Finalist (American Med. Info Assoc.)	2009
Best Paper Selection, International Medical Informatics Association (IMIA) Yearbook	2009

National Science Foundation Faculty Early Career Development Award	2009
Outstanding Faculty Award (School of Management and Info. Sys)	2004
New Faculty Teaching Scholar (University of Missouri)	2004
Outstanding Paper Award (Assoc. for Adv. of Comp. in Education)	2004
Diana E. Forsythe Award Finalist (American Med. Info Assoc.)	2003
Diana E. Forsythe Award Winner (American Med. Info Assoc.) (Awarded for the best paper of the year at the intersection of medical informatics and social science)	2002

## **PUBLICATIONS**

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\* Denotes a student advisee

### ***Peer Reviewed Journal Papers***

Eikey, E\*. A. Murphy\*, **M. Reddy**, and H. Xu (2015). Designing for Privacy in Hospitals: Understanding the Gap between User Activities and IT Staff's Understandings. *International Journal of Medical Informatics*.

Eikey, E.\* **M. Reddy**, and C. Kuziemy. (2015). Examining the Role of Collaboration in Studies of Health Information Technologies in Biomedical Informatics Research: A Systematic Review of 25 Years of Research. *Journal of Biomedical Informatics*.

McNeese, N.\*, **M. Reddy**, and E. Friedenberg\*. (2015). The Role of Team Cognition in Collaborative Information Seeking. *Journal of the Association for Information Sciences and Technology*.

Kraschnewski, J., C. Chung, E. Poole, T. Peyton\*, I. Blubaugh, J. Pauli, A. Feher, **M. Reddy**. (2014). Paging "Dr. Google": Does technology fill the gap created by the prenatal visit structure. *Journal of Medical Internet Research*. 16(6):e147.

Karunakaran, A.\*, **Reddy, M.**, and Spence, P.\* (2013). "Towards a Model of Collaborative Information Behavior in Organizations". *Journal of American Society for Information Science and Technology*. 64(12): 2437-2451.

Mentis, H. **Reddy, M.**, Rosson, M.B. (2013). "Supporting Hiding and Suppression: Expanding Design for Emotion Awareness". *Journal of Computer Supported Collaborative Work*. 22(1): pp. 33-63.

Spence, P.R.\* and **Reddy, M.** (2012). Beyond Expertise Seeking: A Field Study of the Informal Knowledge Practices of Healthcare IT Teams. *Journal of Computer Supported Collaborative Work*. 21(2-3): pp. 283-315.

Tentori, M., Hayes, G.R., and **Reddy, M.** (2012). Pervasive Computing for Hospital, Chronic, and Preventive Care. *Journal of Foundations and Trends in Human-Computer Interaction*. Volume 5, issue 1, 1-95.

Kraschnewski, J., Stuckey, H., Rovniak, L., Lehman, E., **Reddy, M.**, Poger, J., Kephart, D., Coups, E., and Sciamanna, C. (2011). Efficacy of a User-Generated Website for Weight Control using Positive Deviance. *American Journal of Preventive Medicine*. 41(6):610-614.

Abraham, J.\* and **Reddy, M.** (2010). Challenges to the Coordination of Patient Transfers: A Workflow Perspective. *International Journal of Medical Informatics*. 79: 112-122.

**Reddy, M.**, Gorman, P., and Bardram, J. (2011). Supporting Collaboration in Healthcare Settings: The Role of Informatics. (Editorial Introduction to Special Issue). *International Journal of Medical Informatics*. 80(8): pp.541-543.

Payton, F., LaRouge, C., Pare, G., and **Reddy, M.** (2011). Health Care IT: Processes, People, Patients, and Interdisciplinary Considerations. (Editorial Introduction to Special Issue). *Journal of the Association for Information Systems*. 12(8/9): 1-13.

Paul, S.\*, **Reddy, M.**, and DeFlicht, C. (2010). A Systematic Review of Simulation Studies Investigating Emergency Department Overcrowding. *Simulation: Transactions of the Society for Modeling and Simulation International*. 86(8-9): 559-571.

**Reddy, M.**, Paul, S.\*, Abraham, J.\*, McNeese, M., DeFlicht, C., and Yen, J. (2009). Challenges to Effective Crisis Management: Using Information and Communication Technologies to Coordinate Emergency Medical Services and Emergency Department Teams. *International Journal of Medical Informatics*. 78: 259-269. [2010 Diana Forsythe Award Winner]

**Reddy, M.**, Shabot, M.M, and Bradner, E. (2008) Evaluating Collaborative Features of Critical Care Systems: a methodological study of information technology in surgical intensive care units. *Journal of Biomedical Informatics*. 41: 479-487. [2009 Diana Forsythe Award Finalist]

**Reddy, M.**, Puroo, S., and Kelly, M.\* (2008) Developing IT Infrastructure for Rural Hospitals: a case study of benefits and challenges of hospital-to-hospital partnerships. *Journal of the American Medical Informatics Association*. 15: 554-558. [Re-published as a best paper in the 2009 IMIA Yearbook of Medical Informatics]

**Reddy, M.** and B.J. Jansen. (2008) A Model for Understanding Collaborative Information Behavior in Context: A Study of Two Healthcare Teams. *Information Processing and Management*. 44(1): 256-273.

**Reddy, M.** and P.R. Spence\*. (2008) Collaborative Information Seeking: A field study of a multidisciplinary patient care team. *Information Processing and Management*. 44(1): 242-255.

Chaisson, M., **Reddy, M.**, Kaplan, B., and Davidson, E. (2007). Learning by Crossing Disciplinary Boundaries: What does the field of Information Systems have to offer Medical Informatics? *International Journal of Medical Informatics*. 76. pp. s89-s97.

**Reddy, M.**, Dourish, P., and Pratt, W. (2006). Temporality in Medical Work: Time also matters”. *Journal of Computer Supported Collaborative Work*. 15(1): 29-53.

**Reddy, M.**, McDonald, D., Pratt, W., and Shabot, M. (2005). Technology, Work, and Information Flows: Lessons from the implementation of a wireless alerts pager system. *Journal of Biomedical Informatics*, 38/3. pp. 229-238.

Pratt, W., **Reddy, M.**, McDonald, D., Tarczy-Hornoch, P., and Gennari, J. (2004). Incorporating Ideas from Computer-Supported Cooperative Work. *Journal of Biomedical Informatics*, 37/2. pp 128-137.

**Reddy, M.**, Pratt, W., Dourish, P., and Shabot, M.M. (2003). Sociotechnical Requirements Analysis for Clinical Systems. *Methods of Information in Medicine*, 42, 437-444.

**Peer Reviewed Conference Papers** (acceptance rates added where possible)

Marcu, G., A. Dey, S. Kiesler, and **M. Reddy**. (2016). Time to Reflect: Supporting Health Services over Time by Focusing on Collaborative Reflection. In *Proceedings of ACM Conf on Computer Supported Cooperative Work (CSCW'16)*. San Francisco, CA. Feb 27-Mar. 2, 2016.

McNeese, N.\* and **M. Reddy**. (2015) Concept Mapping as a Methodology to Develop Insights on Cognition during Collaborative Information Seeking. Proc. of 2015 International Annual Meeting of the Human Factors and Ergonomics Society (HFES 2015). Los Angeles, CA. Oct. 26-30, 2015.

McNeese, N.\* and **M. Reddy**. (2015) Articulating and Understanding the Development of a Team Mental Model in a Distributed Medium. Proc. of 2015 International Annual Meeting of the Human Factors and Ergonomics Society (HFES 2015). Los Angeles, CA. Oct. 26-30, 2015.

Eikey, E.\*, E. Poole, **M. Reddy** (2015) Information Presentation in Health Apps and Devices: The Effects of Color on Users Self-Efficacy”. In *Proc of iConference 2015*. Newport Beach, CA. March 24-27. (acceptance rate: 36%)

Murphy, A.\*, **M. Reddy**. (2014) Identification and Management of Information Problems by Emergency Department Staff. In *Proc. of American Medical Informatics Association Fall Symposium (AMIA'14)*. Washington, DC. Nov 15-19, 2014.

McNeese, N.\*, **M. Reddy**, E. Friedenberg. (2014) Towards a Team Mental Model of Collaborative Information Seeking During Team Decision-Making. Proc. of 2014 International Annual Meeting of the Human Factors and Ergonomics Society (HFES 2014). Chicago, Ill. Oct. 27-31, 2014. pp. 335-339.

Murphy, A.\*, **M. Reddy**, N. McNeese\*. (2014) Exploring the Perceptions and Use of Electronic Medical Record Systems by Non-Clinicians. Proc. of ACM Conf. on Designing Interactive System 2014 (DIS 2014). Vancouver, Canada. June 21-25, 2014. pp. 429-432. (acceptance rate: 26%)

Peyton, T.\*, E. Poole, **M. Reddy**, J. Kraschnewski, C. Chuang. (2014) “Every Pregnancy is different”: Designing mHealth for the pregnancy ecology. Proc. of ACM Conf. on Designing

Interactive Systems 2014 (DIS 2014). Vancouver, Canada. June 21-25, 2014. pp. 577-586. (acceptance rate: 26%)

Murphy, A.\*, **Reddy, M.**, and Heng, X. (2014). Privacy Practices in Collaborative Environments: A Study of Emergency Department Staff. In *Proceedings of ACM Conf on Computer Supported Cooperative Work (CSCW'14)*. Baltimore, MD February, 15-19, 2014. pp. 269-282. (acceptance rate: 27%)

Johnson, N.\*, A. Murphy\*, N. McNeese\*, **Reddy, M.**, and Purao, S. (2013). A Survey of Rural Hospitals' Perspectives on health Information Technology Outsourcing. In *Proc. of American Medical Informatics Association Fall Symposium (AMIA'13)*. Washington, DC. Nov. 16-20, 2013. pp. 732-741.

Abraham, J.\*, and **Reddy, M.** (2013). Re-Coordinating Activities: An Investigation of Articulation Work during Patient Transfers. In *Proceedings of ACM Conf on Computer Supported Cooperative Work (CSCW'13)*. San Antonio, TX. February, 23-27, 2013. pp. 67-78. (acceptance rate: 36%)

Spence, P.\*, and **Reddy, M.** (2012). Beyond Practices: A Field Study of the Contextual Factors Impacting Collaborative Information Seeking. In *Proc of American Society of Information Sciences and Technology (ASIST'12)*. Baltimore, MD., Oct. 26-30, 2012. 49: 1-10.

Karunakaran, A.\*, and **Reddy, M.** (2012). Barriers to Collaborative Information Seeking in Organizations. In *Proc of American Society of Information Sciences and Technology (ASIST'12)*. Baltimore, MD., Oct. 26-30, 2012. 49:1-10.

Purao, S., Maass, W., Storey, V., W., Jansen, J., and **Reddy, M.** (2012). An Integrated Conceptual Model to Incorporate Information Tasks in Workflow Models. In *Proc. of 31<sup>st</sup> International Conference on Conceptual Modeling (ER 2012)*. Florence, Italy. October 15-18, 2012. 487-500.

Karunakaran, A.\*, and **Reddy, M.** (2012). The Role of Narratives in Collaborative Information Seeking. In *Proc. of ACM Conf. on Supporting Group Work (Group'12)*. Sanibel Island, FL. October 27-31, 2012. pp. 273-276.

Ashour, Omar M., Silvera, G., Kremer, G., and **Reddy, M.** (2012). Exploration of Group Technology Applications: Triage in the Emergency Department. In *Proc of the 2012 Industrial and Systems Engineering Research Conference*. Orlando, FL. May 19-23, 2012.

Karunakaran, A.\* Nam, Y.H., and **Reddy, M.** (2012). Investigating Barriers to Electronic Medical Record Use during Collaborative Information Seeking. In *Proc. of 2<sup>nd</sup> ACM SIGHIT International Health Informatics Symposium (IHI 2012)*. Miami, FL. Jan. 28-30, 2012. pp. 742-748.

Zhu, S.\*, **Reddy, M.**, Yen, J., and DeFlicht, C. (2011). SRCAST-Diagnosis: Understanding how Different Members of a Patient-care Team Interact with Clinical Decision Support System. In *Proc. of American Medical Informatics Association Fall Symposium (AMIA'11)*. Washington, DC. Oct 22-26, 2011. pp. 1658-1667.

Mønsted, T., **Reddy, M.** and Bansler, J. (2011). The Use of Narratives in Medical Work: A Field Study of Physician-Patient Consultations. In *Proc. of European Conference on Computer Supported Cooperative Work (ECSCW'11)*. Aarhus, Denmark. September 24-28, 2011. pp. 81-100. (acceptance rate: 25.8%)

Paul, S.\*, and **Reddy, M.** (2010). Understanding Together: Sensemaking in Collaborative Information Seeking. In *Proceedings of ACM Conf on Computer Supported Cooperative Work (CSCW'10)*. Savannah, GA. February, 6-10, 2010. pp. 321-330. (acceptance rate: 20%) (*Honorable Mention*)

Mentis, H., **Reddy, M.**, and Rosson, M.B. (2010). Invisible Emotion: Information and Interaction in an Emergency Room. In *Proceedings of ACM Conf on Computer Supported Cooperative Work (CSCW'10)*. Savannah, GA. February, 6-10, 2010. pp. 311-320 (acceptance rate: 20%)

Zhu, S.\*, **Reddy, M.**, and Yen, J. (2009). Hypothesis-Driven Story Building Framework: Enhancing Iterative Process Support in Clinical Diagnostic Decision Support Systems. In *Proc. of American Medical Informatics Association Fall Symposium (AMIA'09)*. San Francisco, CA. Nov 14-18, 2009. pp. 740-744.

Abraham, J.\*, Kannampallil, T., and **Reddy, M.** (2009). Peripheral Activities during EMR Use in Emergency Care: A Case Study. In *Proc. of American Medical Informatics Association Fall Symposium (AMIA'09)*. San Francisco, CA. Nov 14-18, 2009. pp. 1-5.

Phelps, A. and **Reddy, M.** (2009). The Influence of Boundary Objects on Group Collaboration in Construction Project Teams. In *Proc. of ACM Conf. on Supporting Group Work (Group'09)*. Sanibel Island, FL. May 10-13, 2009. (acceptance rate: 36%)

Abraham, J.\* and **Reddy, M.** (2008). "Moving Patients Around: A Field Study of Coordination between Clinical and Non-Clinical Staff in Hospitals." In *Proceedings of ACM Conf on Computer Supported Cooperative Work (CSCW'08)*. San Diego, CA. Nov. 8-12, 2008. pp. 225-228. (acceptance rate: 23%)

Paul, S.\* **Reddy, M.**, Abraham, J.\*, and DeFlicht, C. (2008). The Usefulness of Information and Communication Technologies in Crises Response. In *Proc. of American Medical Informatics Association Fall Symposium (AMIA'08)*. Washington, DC. Nov. 8-12, 2008. pp. 561-565.

**Reddy, M.**, Jansen, B.J., and Krishnappa, R.\* (2008). The Role of Communication in Collaborative Information Searching. In *Proc of American Society of Information Sciences and Technology (ASIST'08)*. Columbus, OH. Oct. 24-29, 2008.

Spence, P.\* and **Reddy, M.** (2007). The "Active" Gatekeeper in Collaborative Information Seeking Activities. In *Proc. of ACM Conf. on Supporting Group Work (Group'07)*. Sanibel Island, FL. Nov 4-7. pp. 277-280. (acceptance rate: 29%)

Zhu, S.\*, J. Abraham\*, S. Paul\*, **M. Reddy**, J. Yen, M. Pfaff, and C. DeFlicht. (2007). R-CAST-MED: Applying Intelligent Agents to Support Emergency Medical Decision Making Teams. In

*Proc. of the 11th Conference on Artificial Intelligence in Medicine (AIME 07)*. Amsterdam, Netherlands. July 7-11, 2007. pp. 34-41. (acceptance rate: 20%)

**Reddy, M.** and P. Spence\*. (2006). Finding Answers: Information Needs of a Multidisciplinary Patient Care Team in an Emergency Department. In *Proc. of American Medical Informatics Association Fall Symposium (AMIA'06)*. Washington, DC. Nov. 11 –15, 2006. pp. 649-653.

Spence, P.\*, **Reddy, M.**, and Hall, R. (2005). A Survey of Collaborative Information Seeking Practices of Academic Researchers. In *Proc. of ACM Conf. on Supporting Group Work (Group'05)*. Sanibel Island, Fl. Nov 6-10. pp. 85-88. (acceptance rate: 27%)

**Reddy, M.**, Agarwal, S., Hall, R., Brown, J., Woodard, T., and Trang, A. (2005). Warfighter-in-the-Loop: Mental Models in Minefield Detection. In *Proc. of Defense and Security Symposium 2005 (SPIE-DSS'05)*. Orlando, FL. Mar. 28 – Apr. 1. pp. 1050-1059.

Agarwal, S., **Reddy, M.**, Hall, R., Brown, J., Woodard, T., and Trang, A. (2005). Evaluating Operator Performance in Aided Airborne Target Detection. In *Proc. of Defense and Security Symposium 2005 (SPIE-DSS'05)*. Orlando, FL. Mar. 28 – Apr. 1. pp. 102-112.

Wilford, L., Hall, R., Hilgers, M, Leu, M, Hortenstine, J., Walker, C and **Reddy, M.** (2004). Training in Affectively Intense Virtual Environments. *World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education (E-Learn 2004)*. Washington, DC. Nov. 2-5.

**Reddy, M.**, Pratt, W., McDonald, D., and Shabot, M.M. (2003). Challenges to Physicians' Use of a Wireless Alert Pager. In *Proc. of American Medical Informatics Association Fall Symposium (AMIA'03)*. Washington, DC. Nov. 8 –12, 2003. pp. 544-548.

**Reddy, M.** and Dourish, P. (2002). A Finger on the Pulse: Temporal Rhythms and Information Seeking in Medical Work. In *Proc. of ACM Conf. on Computer Supported Cooperative Work (CSCW'02)*. New Orleans, LA. Nov. 16-20, 2002. pp. 344-353. (acceptance rate: 20%)

**Reddy, M.**, Pratt, W., Dourish, P., and Shabot, M.M. (2002). Asking Questions: Information Needs in a Surgical Intensive Care Unit. In *Proc. of American Medical Informatics Association Fall Symposium (AMIA'02)*. San Antonio TX. Nov 9-13, 2002. pp. 647-651.

**Reddy, M.**, Dourish, P., and Pratt, W. (2001). Coordinating Heterogeneous Work: Information and Representation in Medical Care. In *Proc. of European Conference on Computer Supported Cooperative Work (ECSCW'01)*. Bonn, Germany. September 16-20, 2001. pp. 239-258.

Gennari, J. & **Reddy, M.** (2000). Participatory design and an eligibility screening tool. In *Proc. of the American Medical Informatics Association Fall Symposium (AMIA'00)*. pp. 290-294.

### **Peer Reviewed Book Chapters and Magazine Articles**

Hertzum, M., and **M. Reddy.** (2015) Procedures and Collaborative Information Seeking: A Study of Emergency Departments. Hansen, P, Shah, C., and Klas, Claus-Peter (eds). Collaborative Information Seeking. Springer. pp. 55-71.



**Reddy, M.** and B. Steitz (2014). Health Information Technology Use in Critical Access Hospitals: Results of a Study in Two States. *Pennsylvania Rural Health*. Fall 2014. pp. 10.

**Reddy, M.** (2014). What is CIS/CIB? Interview Video for IEEE Computer Special issue on CIS. <https://www.youtube.com/watch?v=CXnNut7hKsU>. March, 2014.

**Reddy, M.** (2013). Mobile Health Applications: Designing with the User in Mind. ACM Computing Reviews. [http://computingreviews.com/hottopic/hottopic\\_essay\\_11.cfm](http://computingreviews.com/hottopic/hottopic_essay_11.cfm). Feb, 2013.

**Reddy, M.**, Mamykina, L., and Parker, A. (2012). Designing Interactive Systems in Healthcare: A Report on WISH 2011. *Interactions*. January + February, 2012. pp. 24-27.

**Reddy, M.**, Jansen J., and Spence, P. (2010). Collaborative Information Behavior: Exploring Collaboration and Coordination during Information Seeking and Retrieval Activities. In Foster, Jonathan (ed). Collaborative Information Behavior: User Engagement and Communication Sharing.

**Reddy, M.**, and Dourish, P. (2007). Representation, Coordination, and Information Artifacts in Medical Work. In Ackerman, M., Erickson, T., Halverson, C., and Kellogg, W. (eds), Resources, Co-Evolution, and Artifacts: Theory in CSCW. New York: Kluwer. Pp. 167-192.

**Reddy, M.**, and Bradner, E. (2005). Multiple Perspectives: Evaluating Healthcare Information Systems in Collaborative Environments. In Anderson, J. and Aydin, C. (eds), Evaluating Healthcare Information Systems: methods and applications 2<sup>nd</sup> ed. New York: Springer.

Dourish, P., **Reddy, M.**, and Fisher, D. (2004). Temporality and Structure in Collaborative Work. In Heilesen (ed.), Digital Presence: Knowledge and Design in New Media. Roskilde University.

**Peer Reviewed Extended Abstracts, Posters, Presentations, Workshop Papers, and Panels**

Shachak, A., Arnott-Smith, C., Mostafa, J., **Reddy, M.**, Veinot, T., and Zhou, X. (2016). iSchools and Health Informatics: Developing an Innovative and Interdisciplinary Curriculum. Sessions for Interaction and Engagement. *iConference 2016*. Philadelphia, Pa. March 20-23, 2016.

**Reddy, M.** (2015) Collaboration and Health Information Technologies: Towards defining and operationalizing the collaboration space. Panelist. *American Medical Informatics Association Annual Symposium (AMIA'15)*. San Francisco, CA. Nov. 17, 2015.

Murphy, A., and **Reddy, M.** (2014). The Challenges of Collaboratively Managing Patient-Related Information in a Hospital's In-Patient Unit. Poster. Workshop on Interactive Systems in Healthcare (WISH 2014). Washington, DC. Nov. 15, 2014.

Steitz, B.\*, **Reddy, M.**, Poole, E. (2014). Collaborative mHealth Tools for Diabetes Management. Poster. *In Proceedings of the American Medical Informatics Association Fall Symposium*. Washington, DC. Nov. 15-19.

Peyton, T.\*, E. Poole, **M. Reddy** (2014). Health ecologies in pregnancy mHealth systems design: Scaffolding ‘teachable moments’ using mobile technologies. 2014 Grace Hopper Conference. Oct. 8-11, 2014. Phoenix, AZ.

Peyton, T., Poole, E.S., **Reddy, M.**, Kraschnewski, J. & Chuang, C. (2014). Mommy circles, Dr. Google and me: Understanding key communications for pregnancy management. Conference Presentation. Presentation. Canadian Communications Association annual meeting, (Technology & Emerging Media track). 2014 Canadian Congress for the Social Science and Humanities: St. Catharines, ON. June, 2014.

Peyton, T., Poole, E.S., **Reddy, M.**, Kraschnewski, J. & Chuang, C. (2014) “Dr. Google scared me!”: Understanding the ecology of pregnancy. Conference Presentation. Popular Culture Association /American Culture Association annual meeting: Chicago, IL. April, 2014.

Kraschnewski, J., Chuang, C., Poole, E., Peyton, T, Blubaugh, P., Feher, A. **Reddy, M.**, (2014). “Calling “Dr. Google”... Does technology fill the gap created by the prenatal care visit structure.” Poster. Society of General Internal Medicine (SGIM) Annual Meeting. San Diego, CA. Apr. 23-26, 2014.

Kraschnewski, J., C. Chuang, T. Peyton, E. Poole, and **Reddy, M.** (2014) “Dr. Google”...: Does technology fill the gap created by the prenatal care visit structure?. Extended Abstract. Society of General Internal Medicine Annual Meeting (SGIM 2014). San Diego, CA. April 23-26, 2014.

**Reddy, M.** (2014). The Use of Theoretical Constructs in Studying Health Information Technologies. Workshop on HCI Research in Healthcare: Evidence to Practice. 2014 ACM Conference on Human-Factors in Computing (CHI 2014). April 26, 2014. Toronto, CA.

Marcu, G., Kiesler, S., Dey, A., **Reddy, M.** (2014) Collaborative Reflection: Long-Term Sensemaking in Health Services. Workshop on HCI Research in Healthcare: Evidence to Practice. 2014 ACM Conference on Human-Factors in Computing (CHI 2014). April 26, 2014. Toronto, CA.

Peyton, T., Poole, E., **Reddy, M.**, Kraschnewski, J., and Chung, C. (2014). Pregnancy as a Teachable Moment for a Healthy Life Course: mHealth Design Paradigm Shift. Workshop on Designing Technology for Major Life Events. 2014 ACM Conference on Human-Factors in Computing (CHI 2014). April 26, 2014. Toronto, CA.

Peyton, T., Poole, E., **Reddy, M.**, Kraschnewski, J., and Chung, C. (2014). Information Sharing and Support in Pregnancy: Addressing Needs for mHealth Design. Extended Abstract. *ACM Conf on Computer Supported Cooperative Work (CSCW'14)*. Baltimore, MD February, 15-19, 2014.

**Reddy, M.** (2013). Studying Those Who Study Us: Diana Forsythe and The Importance of Interpretive Research In Informatics. Panel. *American Medical Informatics Association Fall Symposium (AMIA'13)*. Washington, DC, November 16-20, 2013.

- Reddy, M.**, Kuziemsky, C., Eichy, E. (2013) “‘Collaboration Spaces’ and Health Information Technologies. Poster Presentation. Workshop on Interactive Systems in Healthcare (WISH 2013). Washington, DC. Nov. 16, 2013.
- Murphy, A. and **M. Reddy**. (2013). Identifying Information Errors in Healthcare by Studying Informal Communication. Workshop on Beyond Formality: Informal Communications in Health Practices. 2013 ACM Conference on Computer Supported Cooperative Work (CSCW’13). San Antonio, Tex. Feb. 24<sup>th</sup>, 2013.
- McNeese, N. and **M. Reddy**. (2013). Studying Team Cognition during Collaborative Information Seeking: A Position Paper. Workshop on Collaborative Information Seeking: Consolidating the Past, Creating the Future. 2013 ACM Conference on Computer Supported Cooperative Work (CSCW’13). San Antonio, Tex. Feb. 24<sup>th</sup>, 2013.
- Eichy, E., **M. Reddy**, and E. Poole. (2013). Emotion as a Type of Informal Communication in Healthcare. Workshop on Beyond Formality: Informal Communications in Health Practices. 2013 ACM Conference on Computer Supported Cooperative Work (CSCW’13). San Antonio, Tex. Feb. 24<sup>th</sup>, 2013.
- Kuziemsky, C. and **M. Reddy**. (2012). An Interactive Perspective of Health Information Technology Design to Support Collaboration. Workshop on Interactive Systems in Healthcare (WISH 2012). Chicago, ILL. Nov. 3-4, 2012.
- Mentis, H., Thimbley, H., Kientz, J., Hayes, G., and **Reddy, M.** (2011) Interactive Technologies for Health Special Interest Group. Extended Abstract. ACM Conference on Human Factors in Computing Systems (CHI 2011). pp. 519-522.
- Xu, Heng, S. Zheng, and **M. Reddy** (2011). Exploring Collaborative Privacy Practices in Healthcare Organizations. *Workshop on Health IT and Economics*. Washington, DC. Oct. 21-22.
- Reddy, M.** (2011). Usability of Clinical Systems. Panelist. *American Medical Informatics Association Annual Symposium (AMIA’11)*. Washington, DC. Oct. 22-26.
- Reddy, M.** (2011). Dimensions of Handoff Communication and Documentation: Implications for Patient Safety. Panelist. *American Medical Informatics Association Annual Symposium (AMIA’11)*. Washington, DC. Oct. 22-26.
- Murphy, A., **Reddy, M.**, Xu, H., and Ringel, B. (2011) Exploring Collaborative Privacy Practices. Workshop on “Privacy for a Networked World”: Bridging Theory and Design. ACM Conference on Human Factors (CHI’11). Vancouver, Canada. May 7, 2011.
- Karunakaran, A. and **Reddy, M.** (2010). Narratives in Collaborative Information Seeking. Workshop on Collaborative Information Seeking: Towards New Theories and Applications. ACM Conference on Supporting Group Work (GROUP’10). Sanibel Island, FL. Nov. 7, 2010.
- Karunakaran, A., Spence, P., and **Reddy, M.** (2010). Towards a model of Collaborative Information Behavior. Workshop on Collaborative Information Retrieval. ACM Conference on Computer Supported Cooperative Work (CSCW 2010). Savannah, GA. Feb. 7, 2010.

Paul, S, and **Reddy, M.** (2010). A Framework for Sensemaking in Collaborative Information Seeking. Workshop on Collaborative Information Retrieval. ACM Conference on Computer Supported Cooperative Work (CSCW 2010). Savannah, GA. Feb. 7, 2010.

Abraham, J. and **Reddy, M.** (2010). Meta-Coordination Activities: Maintaining Hospital Coordination. Workshop on CSCW Research in Healthcare: Past, Present, and Future. ACM Conference on Computer Supported Cooperative Work (CSCW 2010). Savannah, GA. Feb. 7, 2010.

**Reddy, M.** (2009). iSchool Health and Medical Research Initiatives and Opportunities. iConference 2009. Roundtable, Chapel Hill, NC. Feb 8-11, 2009.

Spence, P.R., and **Reddy, M.** (2008). Collaborative Knowledge Management: Identifying and Sharing Knowledge in Teams. IFIP WG 9.1 Workshop on Changing Work, Changing Technology. Computer Supported Cooperative Work 2008 (CSCW 2008). San Diego, CA. Nov. 8, 2008.

Abraham, J. and **Reddy, M.** (2008). Cross-level Interactions in Coordination Practices: A Field Study of Patient Transfers in a Hospital. IFIP WG 9.1 Workshop on Changing Work, Changing Technology. Computer Supported Cooperative Work 2008 (CSCW 2008). San Diego, CA. Nov. 8, 2008.

**Reddy, M.** and Jansen, B. (2008). Learning about Potential Users of Collaborative Information Retrieval Systems. Workshop on Collaborative Information Retrieval. Joint Conference on Digital Library 2008 (*JCDL'08*). Pittsburgh, PA. June 20, 2008.

Paul, S., **Reddy, M.**, and DeFlicht, C. (2008) Information and Communication Tools as Aids to Collaborative Sensemaking. *In Proc of CHI'08 Extended Abstracts*. Florence, Italy. April 5-10, 2008. pp. 3105-3110.

Paul, S., **Reddy, M.**, and DeFlicht, C. (2008). Collaborative Sensemaking: A Field Study in an Emergency Department. Sensemaking Workshop. *CHI 2008*. Florence, Italy. April 6, 2008.

**Reddy, M.** (2008). The Role of iSchools in Medical Informatics. iConference 2008. Roundtable. Los Angeles, CA. Feb. 28-Mar 1, 2008.

Paul, S., **Reddy, M.**, Abraham, J. (2007). Collaborative Sensemaking during Emergency Crises Response: How do ICTs help? *Proceedings of the 2007 ACM Conference on Supporting Group Work (GROUP'07)*, Sanibal Island, FL. November, 2007.

Abraham, J., and **Reddy, M.** (2007). Quality of Healthcare Websites: A Comparison of a General-Purpose vs. Domain-Specific Search Engine. *Proceedings of the American Medical Informatics Association Fall Symposium*. Chicago, ILL. November, 2007.

**Reddy, M.** (2004). Interdisciplinary Windows for Studying Information Systems in Healthcare: Challenges and Opportunities. Plenary Panel. *Information Technology in Healthcare: Socio-technical Approaches (ITHC'04)*. Portland, OR. Sept. 13-14, 2004.

**Reddy, M.** (2002). Sociotechnical Requirements Analysis for Clinical Systems. Plenary Panel. *American Medical Informatics Association Fall Symposium (AMIA'02)*. San Antonio TX. Nov 9-13, 2002.

**Reddy, M.** (2001). Sociotechnical Requirements for Healthcare Systems. Extended Abstract. *Information Technology in Health Care: Sociotechnical Approaches*. Rotterdam, Netherlands. September 6-7, 2001.

**Reddy, M.** (2001). Organizational Issues for Design of Medical Informatics Systems. Panel. *American Medical Informatics Association Fall Symposium*. Washington, D.C. November 3-7, 2001.

**Reddy, M.,** McDonald, D., and Pratt, W. (2000). The Promise and Problems of Wireless Adoption in a Teaching Hospital. Workshop on Technologies that cross boundaries: exploring the gap between wireless networks, bits, interfaces and mobile work practices. ACM Conference on Computer-Supported Cooperative Work, Philadelphia, PA, December 2000.

**Reddy, M.,** Seeraty, C., Lin, T-W. and Pratt, W. (2000). Effects of Computer-Based Patient Records on Physician-Patient Interactions: Physicians' Perspectives. Poster, *Proceedings of the American Medical Informatics Association Fall Symposium*. Los Angeles, CA, November 2000. pp.1114.

### **Workshop Organization**

Mamykina, L., Siek, K., **Reddy, M.**, Marcu, G., and Lui, L. (2016). Workshop on Interactive Systems in Healthcare 2016 (WISH 2016). San Jose, CA. May, 2016

Brannon, D., DeFlicht, C., Medarios, D., Nembhard, H., and **Reddy, M.** (alphabetical order) (2012). Center for Integrated Healthcare Delivery Systems 2012 Workshop. The Pennsylvania State University, University Park, PA. April 5, 2012.

**Reddy, M.,** L. Mamykina, and A. Grimes Parker (2011) Workshop on Interactive Systems in Healthcare 2011 (WISH 2011). Washington, DC. October 21, 2011.

Xu, Heng, **Reddy, M.**, and Zhang, L. (2011). Workshop on Collaborative Privacy Practices in Social Media. ACM Conference on Computer Supported Cooperative Work (CSCW 2011). Hangzhou, China. March 20, 2011.

Shah, Chirag, **Reddy, M.**, and Twidale, M. (2010). Collaborative Information Seeking: Toward New Theories and Applications. ACM Conference on Supporting Group Work 2009. Sanibel Island, FL. Nov. 7-10, 2010.

Brannon, D., DeFlicht, C., Medarios, D., Nembhard, H., and **Reddy, M.** (alphabetical order) (2010). Center for Integrated Healthcare Delivery Systems 2010 Invited Workshop. The Pennsylvania State University, University Park, PA. March 29, 2010.

**Reddy, M.,** Bardram, J., and Gorman, P. (2010). Workshop on CSCW Research in Healthcare: Past, Present, and Future. ACM Conference on Computer Supported Cooperative Work (CSCW 2010). Savannah, GA. Feb. 7, 2010.

**Reddy, M.,** Paul, S., Jansen, J., Foster, J., and Twidale, M. (2009). Workshop on Collaborative Information Behavior. ACM Conference on Supporting Group Work 2009. Sanibel Island, FL. May 10-13, 2009.

Goggins, S., Floyd, I., Grudin, J., Sawyer, S., Dabbish, L., **Reddy, M.,** and Ribes, D. (2009). Workshop on Socio-Technical Research in the iSchools. iConference 2009. Chapel Hill, NC. Feb 11, 2009.

### **Invited Presentations and Panels**

“Collaboration and Health Infrastructure: A Socio-Technical Puzzle” Center for Behavioral Intervention Technologies. Northwestern University. January 11, 2016.

“Health IT and Collaboration: Opportunities and Challenges” Invited Presentation. Center for Data Science and Informatics. Northwestern University. October, 13, 2015.

“Information Needs in Critical Access Hospitals: The Role of Health Information Technologies.” National Network of Libraries of Medicine/Mid-Atlantic Region Webinar. June 25, 2015.

“Transforming Healthcare in the US: Opportunities and Challenges”. Invited Presentation. Kleist Chair Celebration. Department of Informatics. University of CA, Irvine. February 19, 2015.

“Supporting Collaboration using Health Information Technologies: An Interdisciplinary Perspective”. Invited Presentation. School of Communications. Department of Communication Studies, Northwestern University. January 29, 2015.

“Supporting Collaboration in Hospitals using Health Information Technologies”. Invited Presentation. Department of Biomedical Informatics. Vanderbilt University. October 1, 2014.

“The Challenges of Designing Health Information Technology: An Interdisciplinary Perspective”. Invited Presentation. Department of Computer Science, University College London. July 9, 2014.

“Crossing Disciplinary Boundaries: Examining Health Information Technology, Collaboration, and Workflows in Hospitals”, Invited Presentation. Telfar School of Management, University of Ottawa. April 25, 2014.

“The Evolution of Technology”, iTech Academy, College of Information Sciences and Technology, Penn State University. July, 15, 2013.

“Exploring the Perceptions and Use of Electronic Medical Record Systems by Non-Clinical Users”, Center for Healthcare Organizational Transformation (CHOT) Webinar. May 29, 2013.

“Studying Health Information Technologies in Collaborative Settings: An Interdisciplinary Perspective”, Invited Presentation. Center for Biomedical Informatics. University of California, Irvine. May 6, 2013.

“How Well do Health Information Technologies Support Collaboration: A Socio-Technical Perspective”, Invited Presentation. School of Communication and Information. Rutgers University. January 29, 2013.

“Exploiting Data in Abundance”. Panel. Computing Community Consortium/NSF/NIH Invited Workshop on Computing and Healthcare: New Opportunities and Directions. Bethesda, MD. Oct. 11-12, 2012.

“Supporting Multi-Disciplinary Team (MDT) Collaboration through the EMR.” NSF CHOT Industry Advisory Board Meeting. Hershey, PA. September 6-7, 2012.

“The Changing Nature of Clinical Decision Support and the Infrastructure Needed to Support it.” Center for Integrated Healthcare Delivery Systems 2012 Workshop. The Pennsylvania State University, University Park, PA. April 5, 2012.

“Importance of Collaboration in Health Infrastructure”. Keynote Speaker. Infrastructures in Healthcare: Global health workshop in Copenhagen 2011. Copenhagen, Denmark. June 23-24, 2011

“Design and Usability of Systems”. Invited Panelist. Committee on Patient Safety and Health Information Technology. Institute of Medicine of the National Academies. Washington, DC. Dec. 14, 2010.

“Grand Challenges and New Frontiers”. Closing Panel. ACM Conference on Supporting Group Work (GROUP’10). Sanibel Island, FL. November. 10, 2010.

“Collaboration, Coordination, and Workforce Training in Health Informatics”. Invited Speaker. Workforce Education and Development Symposium. State College, PA. Oct. 1, 2010.

“Designing Health Information Technologies: A Socio-Technical Perspective”. Invited Speaker. Health Informatics Grand Rounds and Bartels Health Informatics Speakers Series. School of Information and College of Medicine. University of Michigan, Ann Arbor, MI. Dec. 11, 2009.

“The Use of Qualitative Methods in Investigating Patient-care Teams and Health IT”. Invited Speaker. The Methodology Center. College of Health and Human Development. University Park, PA. September 17, 2009.

“Publishing in Medical Informatics Journals: The Interdisciplinary Challenges”. Keynote Presentation. SIG-Health Workshop. Americas Conference on Information Systems (AMCIS 2009). San Francisco, CA. August 6, 2009.

“Collaboration in Teams”. Presentation. Biomedical Informatics, and Translational Research Mini-Conference. Windber Research Institute. Windber, PA. May 5, 2009.

“Success in Healthcare Engineering Delivery”. Panel. 2009 Invited Workshop on Healthcare Engineering Delivery. University Park, PA. April 17, 2009.

“Designing Health Information Technologies: A Socio-Technical Perspective”. Invited Presentation. Penn State University Health Sciences Council. University Park, PA. April 22, 2008.

“Future of the iConference”. iConference 2008. Closing Panel. Los Angeles, CA. Feb. 28-Mar 1, 2008.

“Collaborative Information Seeking and Decision-Making in Information Intensive Clinical Environments”. Invited Presentation. Penn State Bio & Medical Informatics Retreat. University Park, PA. May 11, 2007.

“Health Information Technologies: Opportunities and Challenges”. Invited Presentation. Pennsylvania Technical Assistance Program. PSU Wilkes-Barre, April 26, 2007.

“The Role of the Human in Situational Assessment”. Invited Presentation. Defense Treat Reduction Agency’s Workshop on Biological Threats. Ft. Belvoir, VA. July 14-15, 2006.

“Electronic Medical Records: Opportunities and Challenges”. Invited Presentation. Pennsylvania Summit on Technology and Medicine. Hershey, PA. May 12, 2006.

“Bridging Cultures: From Academia to the Real World.” Presentation. GatewayCHI. St. Louis, MO. March 24, 2005.

“Qualitative Assessments of Warfighter-in-the-Loop Experiments”. Presentation. Night Visions Electronics Sensor Directorate. Ft. Belvoir, VA. Oct. 18-19, 2004.

“CSCW and Medical Informatics: Opportunities and Challenges”. Presentation. School of Management and Information Systems. University of Missouri, Rolla. April 30, 2004.

“Collaborative Information Seeking: Information Work in Hospitals”. Student Paper. *Human-Computer Interaction Consortium 2002 Winter Workshop*. Snow Mountain, CO. January 30-February 3, 2002.

“Challenges to Physicians' use of a Wireless Alert Pager”. Invited Speaker. Department of Information Systems. University of Maryland, Baltimore County. November 2001.

### **Posters and Technical Reports**

Murphy, A., McNeese, N., **Reddy, M.** (2012) “Supporting Multi-Disciplinary Team (MDT) Collaboration through the EMR.” Poster Presentation. NSF CHOT Industry Advisory Board Meeting. Hershey, PA. September 6-7, 2012.

Parks, R., Cwenar, M., **Reddy, M.** (2010). “Privacy by Design”. Poster Presentation, Center for Integrated Healthcare Delivery systems (CIHDS), State College, PA, March, 2010

**Reddy, M.** (2002). Collaborative Information Seeking: Supporting Organizational Information Needs. Poster. Center for Research on Information Technology and Organizations (CRITO) Consortium Meeting. Newport Beach, June 20, 2002.



**Reddy, M.** (2002). Collaborative Information Seeking. Poster, Institute for Software Research Annual Forum. Irvine, Ca. June 18, 2002.

Carpenter, N., **Reddy, M.**, Pratt, W. (2001). Transparent View Interface: Supporting MEDLINE Searches. Technical Report 01-48. Information and Computer Science, University of California, Irvine.

**Reddy, M.**, Pratt, W., Shabot, M.M. and McDonald, D. (2001). Challenges to Physicians' use of a Wireless Alert Pager. Technical Report FX-PAL-TR01-014. Fuji-Xerox, Palo Alto, Ca.

**Reddy, M.**, Schenkel, M., and Eggimann, F. (1997). Handwriting Recognition of Off-line Scanned Data. Technical Report 9701, Institute for Signal and Information Processing, Swiss Federal Institute of Technology, Zurich.

## **FUNDED GRANTS**

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**Total: \$3,453,423**

### ***External (\$3,266,896)***

**NSF/CISE - HCC: "CAREER: Collaborative Information Behavior: Exploring and Supporting Collaboration during Information Seeking and Retrieval Activities. PI (100%). Amount: \$535,475.** 2009-2016

**NSF/CISE - HCC: "REU: Collaborative Information Behavior: Exploring and Supporting Collaboration during Information Seeking and Retrieval Activities" PI (100%). (supplement to CAREER Grant) Amount: \$16,000.** 2010-2016

**NSF/DIIP – "I/UCRC for Center for Healthcare Organization Transformation." Co-PI (20%). Amount: \$1,200,000.** 2011-2016

**NSF/CISE - HCC: "REU: HCC: "Small: Collaborative Privacy Practices: Exploring Privacy in Information Intensive Environments" PI (50%). (supplement to HCC Privacy Grant) \$8,000.** 2010-2015

**NSF/CISE - HCC: "Small: Collaborative Privacy Practices: Exploring Privacy in Information Intensive Environments." PI (50%). Amount: \$499,981.** 2010-2015

**NSF/CISE – HCC: "Workshop: AMIA Doctorial Consortium 2014" PI (100%). Amount: \$19,600.** 2014-2015

**NN/LM Mid-Atlantic Region – An Assessment of Health Information Needs of Critical Access Hospitals in Pennsylvania and New York. PI (60%). Amount: \$15,000.** 2013-2014

**NSF/CISE – HCC: "Workshop: AMIA Doctorial Consortium 2013" PI (100%). Amount: \$19,600.** 2013-2014

<b>AHRQ 1R13HS 021058-01-</b> “Workshop on Interactive Systems in Healthcare 2011” PI (100%). Amount: \$40,500.	2011-2012
<b>NSF/CISE – HCC:</b> “Workshop: AMIA Doctorial Consortium 2011” PI (100%). Amount: \$20,060.	2011-2012
<b>The Commonwealth Fund.</b> “Hospital-to-Hospital Health Information Technology Partnership: Developing a New Model for HIT Adoption and Diffusion in Rural Settings.” PI (40%). Amount: \$240,754.	2010-2012
<b>NSF/CISE – HCC:</b> “AMIA Doctorial Consortium 2010” PI (100%). Amount: \$17,660.	2010-2011
<b>NSF.</b> Planning Grant: I/UCRC for Center for Healthcare Organization Transformation. Co-PI (20%). Amount: \$10,000.	2010-2011
<b>Lockheed Martin Corporation University Partnership.</b> R-CAST-MED: Supporting Collaboration and Decision-Making in Multidisciplinary Patient Care Teams. PI (40%) Amount: \$175,000.	2010-2011
<b>NSF/CISE - HCC:</b> “AMIA Doctorial Consortium” PI (100%). Amount: \$6,130.	2008-2009
<b>NSF/CISE - HCC:</b> “REU: Identifying Triggers for Collaborative Information Behavior: A Field Study of Rural Healthcare IT Teams” PI (50%). Amount: \$12,000.	2007-2008
<b>NSF/CISE - HCC:</b> “SGER: Identifying Triggers for Collaborative Information Behavior: A Field Study of Rural Healthcare IT Teams” PI (75%). Amount: \$75,940.	2007-2008
<b>Solars Corporation,</b> “DPM Modeling Tool.” Co-PI (10%). Amount: \$411,180.	2006-2008
<b>Night Vision Electronics Sensor Directorate.</b> “Evaluation of Human in the Loop Performance for Airborne Mine and Minefield Detection.” Co-PI (30%). Amount: \$70,000.	2004-2005
<b>National Science Foundation/ OIA- Partnerships for Innovation.</b> “The Development of an Innovation Information Infrastructure.” Co-PI (30%). Amount: \$180,000	2003-2005
<b><u>Internal (\$211,527)</u></b> <b>College of IST Seed Research Grant.</b> “Enhancing Patient-Clinician Communication through Self-Monitoring Data Sharing.” Co-PI (50%). Amount: \$9,580.	2015

- Penn State Center for Integrated Health Care Delivery.** “Designing Health Information Technologies to Help Patient Care Teams Identify and Manage Information Problems.” PI (70%). Amount: \$15,000. 2014-2015
- Penn State Clinical and Translation Sciences Institute – Community Engagement and Research Core.** “Feasibility and Acceptability of an Online, Interactive Body Mass Index Parental Notification Letter (e-BMI). Co-I (10%). Amount: \$51,747 2013-2014
- Penn State Clinical and Translation Sciences Institute.** “Development of a Smartphone Intervention to Prevent Excessive Gestational Weight Gain.” Co-PI (20%). Amount: \$30,000 2012-2013
- Penn State Office of Vice Provost for Research.** “Supporting Multi-Team Cognition /Collaboration in Broad-Based Crisis Management.” PI (50%). Amount: \$75,000. 2006-2007
- Missouri Research Board.** “Collaborative Information Seeking.” PI (100%). Amount: \$30,200. 2004-2005

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

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Association of Computing Machinery (ACM)  
American Medical Informatics Association (AMIA)

## **PROFESSIONAL ACTIVITIES**

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### **Editorial Activity**

*Editorial Board Member.* Information Processing and Management (IP&M). Jim Jansen Ed. Elsevier (ISSN: 0306-4573). 2016-2018.

*Editorial Advisory Board Member.* Journal of Computer Supported Cooperative Work (CSCW). Kjeld Schmidt ed. Springer (ISSN: 0925-9724). 2015-2018.

*Editorial Board Member.* Health Informatics Journal. Rob Proctor ed. Sage (ISSN: 1460-4582). 2011- present

*Editorial Board Member.* Health Systems. S. Bedford, P. Harper, C. LaRouge, and F.C. Payton, eds. Palgrave MacMillan (ISSN: 2047-6965). 2012-Present.

Human-Computer Interaction (HCI) Area Editor, Health Systems. S. Bedford, P. Harper, C. LaRouge, and F.C. Payton, eds. Palgrave MacMillan (ISSN: 2047-6965). 2010-2012

*Lead Editor,* Special Issue of the International Journal of Medical Informatics (IJMI) on “Supporting Collaboration in Healthcare Settings: The Role of Informatics.” (Publish date 2011)

*Editorial Board Member,* Special Issue of Behaviour and Information Technology on “Medical Team Meetings: Utilising Technology to Enhance Communication, Collaboration and Decision-Making.” (Publish date 2010)

*Co-Editor*, Special Issue of the Journal of Association of Information Systems (JAIS) on “Health Care IT...Process, People, and Patients.” (Publish date 2010).

### **Journal Reviews**

Applied Clinical Informatics\*  
 Behaviour and Information Technology\*  
 Communications of the Association of Information Systems  
 Critical Care Medicine  
 E-Service Journal  
 European Journal of Information Systems  
 Health Informatics Journal  
 IEEE Computers  
 IEEE Transactions on Knowledge and Discovery Engineering  
 IEEE Transactions on Systems, Man, and Cybernetics, Part A: Systems and Humans  
 Information and Management  
 Information Sciences  
 Information Society\*  
 Information Systems Management  
 Information Systems Research\*  
 Information Technologies and International Development  
 International Journal of Healthcare Technology and Management  
 International Journal of Human-Computer Studies  
 International Journal of Human-Computer Interaction  
 International Journal of Medical Informatics\*  
 International Medical Informatics Association Yearbook  
 Interacting with Computers\*  
 Intensive Care Medicine  
 Journal of American Medical Informatics Association\*  
 Journal of Ambient Intelligence and Smart Environments  
 Journal of Association of Information Sciences and Technology  
 Journal of Biomedical Informatics\*  
 Journal of Computer Supported Cooperative Work\*  
 Journal of Information Processing and Management\*  
 Journal of Information, Technology, and People\*  
 Journal of Medical Systems\*  
 Methods of Information in Medicine  
 MISQ Quarterly  
 Quality and Safety in Healthcare\*  
 Scandinavian Journal of Information Systems  
 Transactions on Computer-Human Interactions  
 Translational Behavioral Medicine

\*- Denotes multiple reviews for the journal

**Conference Reviewer**

ACM Conf on Computer Supported Cooperative Work (CSCW) (2004, 2006, 2008)

ACM Conference on Supporting Group Work (GROUP) (2001, 2005, 2007)

ACM Conference on Human Factors in Computing System (CHI) (2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2016)

ACM Conference on Ubiquitous Computing (UBICOMP) (2006, 2011)

Americas Conference on Information Systems (AMCIS) (2002, 2006, 2010)

American Medical Informatics Association (AMIA) (2002, 2003, 2005, 2006, 2007, 2008, 2012, 2013, 2014, 2015)

Graphic Interface (2005)

European Conference on Computer Supported Cooperative Work (ECSCW) (2009)

Hawaii International Conference on System Sciences (HICCS) (2005, 2006, 2010)

International Conference on Information Systems (ICIS) (2006)

Information Technology in Healthcare: Sociotechnical Approaches International Conference (ITHC) (2007, 2010)

International Conference on Pervasive Computing Technologies for Healthcare 2014

International Health (Medical) Informatics Congress (Medinfo) (2004, 2007, 2103, 2015)

Pervasive 2010: The Eighth International Conference on Pervasive Computing

Pervasive 2013: The Eleventh International Conference on Pervasive Computing (Short Papers and Posters)

ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS 2012)

Medicine 2.0: Social Media, Mobile Apps, and Internet/Web 2.0 in Health, Medicine and Biomedical Research (2012)

**Book Reviewer**

Planning, Implementing and Analyzing Electronic Health Records. Health Administration Press. January, 2009. (Textbook review for publisher)

Information Systems for Health Care Enterprises. Health Administration Press. March, 2006. (Textbook review for publisher)

Handbook of Evaluation Methods for Health Informatics. Academic Press. Book Review for Journal of Information Processing and Management. (With Joanna Abraham)

Human-Computer Interaction: Designing Effective Organizational Information Systems. Wiley and sons. July, 2003. (Textbook review for publisher)

### **Conference Service**

*Vice-Chair, Scientific Program Committee*, The American Medical Informatics Association's Fall Symposium. Chicago, IL. Nov. 12-16, 2016.

*Member, Program Committee*. ACM Conference on Supporting Group Work, 2016. Sanibel Island, Fl. Nov 13-16, 2016.

*Member, Program Committee*. 12<sup>th</sup> International Conference on the Design of Cooperative Systems (COOP 2016). Trento, Italy. May 23-27, 2016.

*Co-Chair, Workshop and Panels*. 12<sup>th</sup> International Conference on the Design of Cooperative Systems (COOP 2016). Trento, Italy. May 23-27, 2016.

*Member, Lasting Impacts Committee*. ACM Conference on Computer Supported Cooperative Work and Social Computing 2016 (CSCW'16). San Francisco. 2016.

*Co-Chair, Workshops*. ACM Conference on Computer Supported Cooperative Work and Social Computing 2016 (CSCW'16). San Francisco. 2016.

*Member, Program Committee*, Workshop on Advances in DIY Health and Wellbeing. 2016 ACM Conference on Human Factors in Computing (CHI 2016). San Jose, CA. May, 2016.

*Co-Chair*. 3rd Annual AMIA Student Design Competition. The American Medical Informatics Association's Fall Symposium. Washington, DC. Nov 15-18, 2015.

*Member, Program Committee*. European Conference on Computer Supported Cooperative Work 2015 (ECSCW'15). Oslo, Norway. Sept. 19-23, 2015.

*Co-Chair, Papers*. iConference 2015. Newport Beach, CA. March 21-24, 2015.

*Associate Chair, Program Committee*. ACM Conference On Computer Supported Cooperative Work 2015 (CSCW'15). Vancouver, BC, Canada. 2015

*Co-Chair*. 2<sup>nd</sup> Annual AMIA Student Design Competition. The American Medical Informatics Association's Fall Symposium. Washington, DC. November 15-19, 2014.

*Member, Steering Committee*. Workshop on Information Systems in Healthcare 2014 (WISH 2014). Washington, DC. Nov. 15, 2014.

*Member, Program Committee*. ACM Conference on Supporting Group Work, 2014. Sanibel Island, Fl. Nov 9-12, 2014.

*Co-Chair*, Doctorial Consortium on Sociotechnical Issues in Medical Informatics. (American Medical Informatics Association) The American Medical Informatics Association's Fall Symposium. Washington, DC. 2014, 2013

*Member, Technical Program Committee.* 2014 Conference on Collaboration and Technologies and Systems. Minneapolis, MN. May 19-23, 2014.

*Co-Chair, Technical Program Committee.* ACM Conference on Computer Supported Cooperative Work and Social Computing 2014 (CSCW'14). Baltimore, MD. Feb15-19, 2013.

*Co-Chair.* 1<sup>st</sup> Annual AMIA Student Design Competition. The American Medical Informatics Association's Fall Symposium. Washington, DC. November 16-20, 2013.

*Member, Steering Committee.* Workshop on Information Systems in Healthcare 2013 (WISH 2013). Washington, DC. Nov. 16, 2013.

*Member, Program Committee.* European Conference on Computer Supported Cooperative Work 2013 (ECSCW'13). Paphos, Cyprus. Sept. 21-25, 2013.

*Member, Program Committee,* The 14<sup>th</sup> IFIP Conference on Human-Computer Interaction (Interact 2013). Cape Town, South Africa, Sept. 2-6, 2013.

*Member, Program Committee,* HCI Fieldwork in Healthcare - Creating a Graduate Guidebook. ACM Human Factors in Computing (CHI) 2013 Workshop. Paris, France. April 27, 2013.

*Best Papers Chair.* ACM Conference On Computer Supported Cooperative Work 2013 (CSCW'13). San Antonio, TX. Feb. 23-27, 2013.

*Associate Chair, Program Committee.* ACM Conference On Computer Supported Cooperative Work 2013 (CSCW'13). San Antonio, TX. Feb. 23-27, 2013.

*Session Chair,* ACM Conference on Supporting Group Work 2012. Sanibel Island, Fl. Oct. 27-31, 2012

*Member, Steering Committee.* Workshop on Information Systems in Healthcare 2012 (WISH 2012). Chicago, IL. Nov. 3-4, 2012.

*Member, Technical Program Committee,* ACM Conference on Supporting Group Work 2012. Sanibel Island, Fl. Oct. 27-31, 2012.

*Member, Technical Program Committee.* 2012 Conference on Collaboration and Technologies and Systems. Denver, Co. May 21-25, 2012.

*Associate Editor, Health IT Track,* Pacific Area Conference on Information Systems (PACIS 2012). Ho Chi Minh City, Vietnam, July 11-15, 2012.

*Member, Technical Program Committee.* Pervasive Health 2012. San Diego, CA. May 21-24, 2012.

*Associate Chair, Program Committee.* ACM Conference On Computer Supported Cooperative Work 2012 (CSCW'12). Seattle, WA. Feb. 11-15, 2012.

*Co-Chair, Workshop on Information Systems in Healthcare 2011 (WISH 2011).* Washington, DC. Nov. 16, 2011.

*Member, Scientific Program Committee.* The American Medical Informatics Association's Fall Symposium. Washington, DC. Oct. 22-26., 2011.

*Member, Program Committee.* The 5<sup>th</sup> International ICST Conference on Pervasive Computing Technologies in Healthcare. Dublin, Ireland. May 23-26, 2011.

*Member, Program Committee.* European Conference on Computer Supported Cooperative Work 2011 (ECSCW'11). Aarhus, Denmark. September 24-28, 2011.

*Member, Awards Committee.* ACM Conference On Computer Supported Cooperative Work 2011 (CSCW'11). Hangzhou, China. March 19-23, 2011.

*Associate Chair, Program Committee.* ACM Conference On Computer Supported Cooperative Work 2011 (CSCW'11). Hangzhou, China. March 19-23, 2011.

*Member, Program Committee.* ACM International Health Informatics Symposium (IHI 2010). Washington, DC. November 11-12, 2010.

*Program Co-Chair.* ACM Conference on Supporting Group Work 2010. Sanibel Island, Fl. November 6-10, 2010.

*Member, AMIA Student Paper Competition Committee (American Medical Informatics Association) 2012, 2011, 2010, 2009, 2008, 2007.*

Diane E. Forsythe Award Committee (American Medical Informatics Association) (*Member* 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2004, 2003) (*Co-chair* – 2008, 2005) (*Chair* – 2007, 2006).

*Chair, Doctorial Consortium on Sociotechnical Issues in Medical Informatics.* (American Medical Informatics Association) 2011, 2010, 2008, 2006, 2005.

*Member, Steering Committee.* Workshop on Information Systems in Healthcare (WISH). Atlanta, GA. April 10-11, 2010.

*Associate Chair, Program Committee & Session Chair,* ACM Conference on Computer Supported Cooperative Work 2010 (CSCW'10). Savannah, GA. Feb 6-10, 2010.

*Member, Program Committee.* 12<sup>th</sup> IFIP Conference on Human-Computer Interaction (INTERACT 2009). Uppsala, Sweden. August 24-28, 2009.

*Session Chair,* ACM Conference on Supporting Group Work 2009. Sanibel Island, Fl. May 9-13, 2009.

*Workshop Co-Chair and Program Committee Member,* ACM Conference on Supporting Group Work 2009. Sanibel Island, Fl. May 9-13, 2009.



*Co-Chair, Papers, Roundtables, and Wildcards.* iConference 2009: iSociety: research, education, engagement. Chapel Hill, NC. Feb. 8-11, 2009.

*Faculty Mentor, Doctorial Colloquium.* iConference 2009: iSociety: research, education, engagement. Chapel Hill, NC. Feb.7, 2009.

*Publicity Chair, Organizing Committee.* ACM Conference on Computer Supported Cooperative Work, 2008. San Diego, CA. Nov 8-12. 2008

*Committee Member (Organizing).* 2<sup>nd</sup> PSU Bio and Medical Informatics Research Retreat. Hershey, PA. January 22, 2008.

*Member, Program Committee.* ACM Conference on Supporting Group Work, 2007. Sanibel Island, FL. Nov 4-7. 2007

*Session Chair,* American Medical Informatics Association's Fall Symposium. Washington, DC. Oct. 22-26, 2005.

*Committee Member, Program and Organizing Committees,* Information Technology in Healthcare: Sociotechnical Approaches Second International Conference (ITHC 2004). Portland, OR. Sept. 13-14, 2004.

*Publicity Chair, Organizing Committee.* ACM Conference on Computer Supported Cooperative Work (CSCW '04). Chicago, IL. Nov. 6-10, 2004.

*Publicity Chair, Organizing Committee.* ACM Conference on Computer Supported Cooperative Work (CSCW '02). New Orleans, Louisiana. Nov. 16-20, 2002.

### **Professional Service**

*Member, Health Information Technology (HITR) Study Section.* Agency for Health Care Research and Quality. 2015-2018.

*Ad-hoc Reviewer,* National Science Foundation, 2015, 2009.

*International Peer Reviewer,* Ireland Health Research Board. 2015

*Ad-hoc Member, HITR Study Section* Agency for Health Care Research and Quality. 2013 – 2015

*Member,* National Science Foundation Review Panel, 2013, 2011, 2010, 2009

*Reviewer,* BUPA Foundation, Phillip-Poole Wilson Seed Corn Fund 2012.

*Ph.D. Thesis External Examiner,* National University of Singapore, Information Systems, 2012.

*Co-Chair,* ACM CHI Health Communities, 2011-2012.

*Reviewer*, 2011 FONDECYT National Research Funding Competition. Superior Council of the National Fund for Scientific & Technological Development. Chile, 2010.

*Stage 1 Reviewer*, National Institutes of Health, American Recovery and Reinvestment Act (ARRA) RFA-OD-09-010 ZRG1 HDM-D (58) R - ARRA RC4 Sustainable Community-linked Infrastructure, February, 2010.

*Member, Special Emphasis Panel (SEP)*, Agency for Health Care Research and Quality Review of Office of National Coordinator (ONC) FOA OC-HIT-10-001 Curriculum Centers. Feb. 12, 2010.

*Ph.D. Thesis External Examiner*, University of Cape Town, Information Systems, 2009.

*Member, Special Emphasis Panel (SEP)*, National Institute for Health, PAR-08-212. "Methodology and Measurement in the Behavioral and Social Sciences" Washington, DC. October 23, 2009.

*Stage 1 Reviewer*, National Institutes of Health ARRA Challenge Grant Program, 2009.

*Ad-hoc Reviewer*, National Science Foundation, CISE, 2009.

*Member, Special Emphasis Panel (SEP)*, National Institute for Health, PAR-08-212. "Methodology and Measurement in the Behavioral and Social Sciences" Washington, DC. February 20, 2009.

Organizational and Social Issues, International Medical Informatics Association (*Chair* - 2008-2011) (*Co-Chair* 2007-2008).

*Member, Special Emphasis Panel (SEP)*, Agency for Health Care Research and Quality, FOA 07-007 "Ambulatory Safety and Quality: Enabling Patient-Centered Care through Health IT" Rockville, MD, June 14-15, 2007.

### **University Service**

#### **Northwestern University (2015-Present)**

<i>Member</i> , TSB PhD Admissions Committee	2015-2016
<i>Member</i> , NU Office of Research Development Limited Submissions Committee	2015- Present
<i>Member</i> , Department of Communication Studies Curriculum Committee	2015-Present
<i>Member</i> , Master of Science in Communication (MSC), Faculty Advisory Committee	2015- Present
<i>Member</i> , Department of Communication Studies. Health Communication Faculty Search Committee.	2015-2016

**The Pennsylvania State University (2005-2015)**

<i>Chair</i> , Inter-College Master of Professional Studies (MPS) in Health Informatics Development Committee 2014-Present. (Colleges of IST, Medicine, Engineering, Nursing, and Health and Human Development).	2014-2015
<i>Member</i> , College of Information Sciences and Technology. IST 110/110S Course Committee.	2014-2015
<i>Member</i> , College of Information Sciences and Technology. Faculty Search Committee.	2013-2014
<i>Member</i> , College of Information Sciences and Technology. Graduate Recruiting Committee.	2013-2015 2010-2012
<i>Member</i> , College of Information Sciences and Technology. Graduate Advisory Committee.	2013-2015 2011-2012 2009-2010
<i>Member</i> , Penn State University HR10 Committee.	2012
<i>IST Junior Faculty Mentor</i> for Drs. Erica Poole and David Reitter	2010-2015
<i>Member</i> , College of Information Sciences and Technology. Dean's Executive Council.	2011-2012
<i>Member</i> , College of Information Sciences and Technology. Dean's Advisory Council.	2010-2013
<i>Chair</i> , College of Information Sciences and Technology. Graduate Advisory Committee.	2012-2013 2010-2011
<i>Chair</i> , College of Information Sciences and Technology. Graduate Recruiting Committee.	2012-2013 2010-2011
<i>Member</i> , Penn State University. Graduate Council Subcommittee on New and Revised Programs and Courses.	2010-2013
<i>Co-Section Leader</i> – Biomedical Informatics section, Penn State University's Clinical Transition Sciences Award Grant Proposal.	2008
<i>Grant Reviewer</i> - Clinical Transition Sciences Award Demonstration Project Proposals.	2008
<i>Member</i> . College of Information Sciences and Technology. Distinguished Lecture Series Committee. 2008-2009.	2008-2009

- Member*, College of Information Sciences and Technology. 2007-2008  
Diversity Task Force.
- Member*, College of Information Sciences and Technology. 2007  
Multi-Fixed Term Faculty Sub-Committee.
- Member*, College of Information Sciences and Technology. 2006-2007  
SRA Faculty Recruitment Committee.
- Member*, School of Information Sciences and Technology. 2005-2006  
Faculty Advisory Council.
- Missouri University of Sciences and Technology (2003-2005)**
- Poster Judge*, Undergraduate Research Symposium. 2005
- Member*, School of Management and Information Systems. 2004-2005  
Business Administration Faculty Recruitment Committee.
- Member*, School of Management and Information Systems. 2004-2005  
Business Administration Department Chairperson Recruitment  
Committee.
- Member*, Institutional Review Board 2004

## **TEACHING EXPERIENCE**

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### **School of Communication, Northwestern Univ.**

*Human-Computer Interaction (Health Comm 455)* Winter'16  
Graduate course to introduce professional Master's students to the field of HCI and its application to health information technologies design, implementation, and evaluation. In the courses, students will learn about HCI techniques and apply them to health information technologies.

### **College of Information Sciences and Technology, Penn State**

*Introduction to Medical Informatics (IST 597C/497I)* Spring'06, Spring'07  
Graduate and undergraduate course designed to introduce students to the field of medical informatics. In the course, students learn about the design, use, and evaluation of healthcare systems.

*Interdisciplinary Research Methods for IST (IST 501)* Fall'14  
Graduate course designed to introduce students to research approaches and perspectives used in the three broad research spaces in IST: Social Informatics, Human-Centered Design, and Computational Informatics. In the course, students learn different methods to use in these areas.

*Information and Organizations (IST 301)*Fall'05, Fall'06, Fall'07, Fall'08,  
Spring'09, Spring'10

Undergraduate course for junior level students. The course introduces them to the nature and structure of organizations, how information flows in organizations, and various ways to analyze organizations.

*Computer Supported Cooperative Work (IST 525)*

Fall'09, Fall 2010

Graduate course introducing students to the field of Computer Supported Cooperative Work (CSCW). In the course, students learn about both the technical and social aspects of collaboration in a variety of different domains.

*Introduction to Information, Technology, and People (IST 110S)*Spring'12, Fall'12,  
Fall'13, Fall'14,  
Spring'15

Undergraduate course for freshman students. The course introduces them to information sciences and technology. In the course, the students learn the basic concepts in the field.

*Graduate Seminar (IST 590)*

Spring'13, Fall'13

Graduate seminar covering a variety of topics relevant to graduate students.

**Business and Information Technology, Missouri University of Science and Technology (2003-2005)***Social Informatics (IST 401A)*

Fall'04

Graduate level course designed to introduce students to empirical studies examining the uses and consequences of technologies in organizations and society. In the course, students learn about interactions between technical and social components in a socio-technical system.

*Capstone Seminar (SM&IS 397)*

Spring'04, Spring'05

Senior level course that all students in SM&IS must take before graduating. The course introduces them to business entrepreneurship by putting them in student run companies. Each company, in the course of a semester, must identify a product/service to sell, create a business plan, get a loan, and execute the plan.

*Human-Computer Interaction (IST 385)*

Fall'03, Fall'04, Spring'05

Upper division and graduate level course designed to introduce students to different ways that people interact with technology with a particular focus on interfaces. In the course, students learn about various techniques for understanding user needs, interface design and prototyping, and interface evaluation.

**STUDENTS SUPERVISED** \_\_\_\_\_**Graduate Students****PhD Committee Chair**

Tamara Peyton. ABD. Thesis: Pregnancy as a Life Transition Event (Co-Chair)

Elizabeth Eikey. Pre-Thesis Proposal. (Co-Chair)

Allison Murphy. 2015. Thesis: The Identification and Management of Patient Information Problems by Collaborative Patient-Care Teams.

Current Position: Lecturer, Penn State

Nathan McNeese. 2014. Thesis: Impact of Cognition on Collaborative Information Seeking.

Current Position: Post-Doctoral Researcher, Arizona State University

Patricia Spence. 2013. Thesis: Interconnectedness and Contingencies: A Study of Context in Collaborative Information Seeking

Current Position: Vice President, Planning and PMO, Prudential Retirement

Sharoda Paul. 2010. Thesis: Understanding Together: Sensemaking in Collaborative Information Seeking

Current Position: User Experience Researcher, Facebook

Joanna Abraham. 2010. Thesis: Meta-Coordination Activities: Exploring Articulation Work in Hospitals

Current Position: Assistant Professor, University of Illinois, Chicago, Biomedical and Health Information Sciences

Shizhuo Zhu. 2010. Thesis: Hypothesis-Driven Story Building: Counteracting Human Cognitive Biases to Improve Medical Diagnosis Support (Co-Chair)

Current Position: Software Engineer, AT&T Labs

### **PhD Committee Member**

Tim Herr. Pre-Proposal. Northwestern University, Health and Biomedical Informatics

Zhan Zhang. ABD. Drexel University, College of Computing and Informatics

Gabriela Marcu. 2014 Carnegie Mellon University, Human-Computer Interaction Institute.

Hyunji Lee. 2013. Penn State University, Industrial Engineering

Sonali Kumar. 2013. Penn State University, Architectural Engineering

Faezeh Karimi. 2011. External Examiner, National University of Singapore, Department of Information Systems

Jing Chong. 2010. Penn State University, Information Sciences and Technology

Helena Mentis. 2010. Penn State University, Information Sciences and Technology

Kim Unertl. 2010. Vanderbilt University, Department of Biomedical Informatics

Saira Haque. 2010. Syracuse University, School of Information Studies

Andreas Phelps. 2009. Penn State University, Architectural Engineering

Shuang Sun. 2006. Penn State University, Information Sciences and Technology

**Master's Thesis Chair**

Sarah Almoaiqel. 2015. Thesis: A Study of the Socio-Technical Influences on Information and Communications Technology in Girls' Schools in Saudi Arabia

Nick Johnson. 2014. Thesis: A Survey of Rural Hospitals' Perspectives on Health Information Technology Outsourcing

Arvind Karunakaran. 2011. Thesis: Barriers to Collaborative Information Seeking in Organizations

Dheepak Ramaswamy. 2010. Thesis: AchieveTogether.com: Development & Evaluation of a Web 2.0 Application for Weight Loss and Diabetes Prevention (co-chair)

Yusuf Raza. 2009. Thesis: The Effect of Team Experience on Collaborative Information Seeking Behavior of Students

Mary Kelly. 2007. Thesis: IT Outsourcing in Rural Communities: A Case Study of Hospital-to-Hospital Partnerships

Patricia Spence. 2005. Thesis: Collaborative Information Seeking: A Study of A Patient Care Team in the Emergency Department

John Brown. 2005. Thesis: Mental Models in Airborne Landmine Detection

Rashmi Krishnappa. 2005. Thesis: Multi-User Search Engine (MUSE): Supporting Collaborative Information Seeking and Retrieval

**Master's Thesis Committee Member**

Gaurav Dev. 2014. Pennsylvania State University, Information Sciences and Technology.

Aishwarya Tadikonda 2014. Pennsylvania State University, Information Sciences and Technology.

Saijing Zheng 2013. Pennsylvania State University, Information Sciences and Technology.

Carolyn Hafernik 2013. Pennsylvania State University, Information Sciences and Technology.

John Sullivan. 2004. Missouri University of Sciences and Technology, Information Sciences and Technology

Lawrence Wilford. 2004. Missouri University of Sciences and Technology, Information Sciences and Technology

**Scholarly Oversight Committee (medical education)**

Bimal P. Chaudhari, MD, MPH Neonatology Fellow.

**Post-Doctoral Researcher**

Shizhuo Zhu (2010-2011). R-CAST-MED Project.

**Visitors**

Troels Monsted – PhD Student, University of Copenhagen (Sept 2010-March 2011)

**Undergraduate Students**

**Research Projects**

Lauren Weiland (BUS/IST, Spring, 2014)

Bryan Steitz (IST, NSF CPP REU, Spring, 2013; NNN/LM Assessment Project, 2014)

Evan Friedenber (IST, NSF CAREER REU, Spring, 2013, Spring 2014)

Kelly Acree (IST, NSF CAREER REU, Fall 2011; HHP Project Spring, 2012)

Kelsey Bailey (IST, HHP Project, Fall 2010)

Ben Ringel (IST, NSF CAREER REU, Fall, 2010, Spring 2011, Fall 2011)

Michael Cwenar (IST, NSF CAREER REU, Summer, Fall 2010)

Justin DeAcosta (IST, R-CAST-MED, Summer, Fall 2010)

Kevin Zhang (IST, NSF SGER REU, FS'08)

Ryan Richards (IST, AchieveTogether Project, Summer 2008)

Michael DeLorenza (IST, NSF SGER REU, Summer 2008)

Justin Brown (IST, AchieveTogether Project, FS'07, SS'08)

Matt Prindible (IST SURF, R-CAST-MED SS'06, FS'07)

John Warmbrodt (NSF: Innovation Information Infrastructure WS'05)

Charlene Baker (NSF: Innovation Information Infrastructure SS'04, FS'04)

Matt Bleckman (NSF: Innovation Information Infrastructure WS'04)

**Schreyer's Honors' College Undergraduate Thesis Advisor**

Stephanie Beale (Graduated: Spring 2014. Thesis: Should the Exergaming Industry Target Adults? An Exploratory Survey)