

# Dr. Erin Cherry\*

**\*Note the name change from Erin Carroll**

User Experience Researcher  
Northrop Grumman Corporation  
Huntsville, AL

Updated: October 18, 2014  
www.erincherry.net  
me@erincherry.net

## EDUCATION

2013 **Ph.D. in Computing and Information Systems,**  
University of North Carolina at Charlotte

Dissertation Title: Quantifying the Personal, Creative Experience: Evaluation of Digital Creativity Support Tools using Self-Report and Physiological Responses

2008 **B.S. in Psychology, Cognitive Science minor,**  
University of North Carolina at Charlotte

## PROFESSIONAL APPOINTMENTS

July 2014 - Present **Northrop Grumman Corporation,** Huntsville, AL  
User Experience Researcher / Human Factors Engineer III

June 2013 – June 2014 **University of Rochester,** Rochester, NY  
*Dept. of Computer Science*  
Postdoctoral Associate & Adjunct Lecturer

Summer 2012 **Microsoft Research,** Redmond, WA  
Research Intern

Fall 2008 – May 2013 **University of North Carolina at Charlotte,** Charlotte, NC  
*College of Computing & Informatics*  
Research & Teaching Assistant

Fall 2010 **University of North Carolina at Charlotte,** Charlotte, NC  
*College of Computing & Informatics*  
Adjunct Lecturer

## TEACHING

Instructor **CSC 211 / DMS 103: Principles of Human-Computer Interaction**  
University of Rochester

- Cross-listed between Computer Science and Digital Media Studies
- Spring 2014; Enrollment: 65 students

**ITIS 1210: Introduction to Web-Based Information Systems**  
University of North Carolina at Charlotte

- Fall 2010; Enrollment: 45 students
- Comprised of students in Software & Information Systems and non-majors

Teaching Assistant **ITIS 3130: Human-Computer Interaction**  
University of North Carolina at Charlotte, Spring 2013

**ITIS 3150: Rapid Prototyping & Interface Building,**  
University of North Carolina at Charlotte, Fall semesters (2008-2011)

## REFEREED PUBLICATIONS

Peer-Reviewed  
Conference  
Papers

- E.A. Cherry** and Celine Latulipe. "Quantifying the Creativity Support of Digital Tools through the Creativity Support Index." In ACM Transactions on Computer-Human Interaction. 2014. (*Will be presented at ACM CHI 2015*).
- T. Rahman, A.T. Adams, **E.A. Cherry**, B. Zhou, H. Peng, M. Zhang, and T. Choudhury. "BodyBeat: A Mobile System for Sensing Non-Speech Body Sounds." In ACM MobiSys 2014. (AR: 13%)
- E.A. Carroll**, M. Czerwinski, A. Roseway, A. Kapoor, P. Johns, K. Rowan, and m.c. schraefel. "Food and Mood: Just-in-Time Support for Emotional Eating." In IEEE Affective Computing and Intelligent Interaction (ACII) 2013, 6 pages, September 2013. (AR: 31%)
- F. Davis, A. Roseway, **E.A. Carroll**, and M. Czerwinski. "Actuating Mood: Design of the Textile Mirror." In Proceedings of ACM Tangible, Embedded, and Embodied Interaction (TEI) 2013, Barcelona, Spain, February 2013.
- B. Gonzalez, **E.A. Carroll**, and C. Latulipe. "Dance-Inspired Technology, Technology-Inspired dance." In Proceedings of ACM NordiCHI 2012, Copenhagen, October 2012 (AR: 24%)
- E.A. Carroll** and C. Latulipe. "Triangulating the Personal Creative Experience: Self-Report, External Judgments, and Physiology." In Proceedings of Graphics Interface 2012, Toronto, ON, May 2012.
- E.A. Carroll**, Danielle Lottridge, Celine Latulipe, Vikash Singh, and Melissa Word. "Bodies in Critique: A Technological Intervention in the Dance Production Process." In the Proceedings of ACM CSCW 2012, Bellevue, WA, February 2012. (AR: 39%, Revise & Resubmit Process)
- V. Singh, C. Latulipe, **E.A. Carroll**, and D. Lottridge. "The Choreographer's Notebook – A video annotation system for dancers and choreographers." In the Proceedings of ACM Creativity & Cognition 2011, Atlanta, GA, November 2011. Nominated for an Emma Award for Best Contribution to Creative Communication. (AR: 23%)
- C. Latulipe, **E.A. Carroll**, and D. Lottridge. "Love, hate, arousal, and engagement: Exploring audience responses to performing arts." In the Proceedings of ACM CHI, Vancouver, BC, May 2011. (AR: 27%)
- C. Latulipe, **E.A. Carroll**, and D. Lottridge. "Evaluating Longitudinal Projects Combining Technology with Temporal Arts." In the Proceedings of ACM CHI, Vancouver, BC, May 2011. (AR: 27%)
- P. Karr-Wisniewski, **E.A. Carroll**, and H. Richter Lipford. "Technology Overload: Gender-based Perceptions of Knowledge Worker Performance." In the Proceedings of the Americas Conference on Information Systems, Detroit, MI, August 2011.
- E.A. Carroll**, C. Latulipe, R. Fung, and M. Terry. "Creativity Factor Evaluation: Towards a Standardized Survey Metric for Creativity Support" In the Proceedings of ACM Creativity & Cognition, Berkeley, CA, October 2009. (AR: 23%)

Extended Abstracts

- A. Kerne, C. Latulipe, S. Drucker, L. Candy, K. Hook, A. Webb, and **E. Carroll**. "Evaluation Methods for Creativity Support Environments." Workshop for ACM CHI 2013, Paris, France. May 2013.
- E. A. Carroll** and C. Latulipe. "Capturing 'In the Moment' Creativity Through Data Triangulation." In ACM Creativity & Cognition Extended Abstracts, Atlanta, GA, November 2011.
- E. A. Carroll** and C. Latulipe. "Convergence of Self-Report and Physiological Responses for Evaluating Creativity Support Tools" In ACM Creativity & Cognition Extended Abstracts, Atlanta, GA, November 2011. (Doctoral Consortium)
- C. Latulipe, D. Wilson, B. Gonzalez, A. Harris, **E.A. Carroll**, S. Huskey, M. Word, R. Beasley, and N. Nifong. "SoundPainter." In ACM Creativity & Cognition Extended Abstracts, Atlanta, GA, November 2011.
- E.A. Carroll** and C. Latulipe. "The Creativity Support Index." In ACM CHI Extended Abstracts, Atlanta, GA, April 2009.
- D. Wilson, H. Richter Lipford, **E.A. Carroll**, P. Karr, and N. Najjar. "Charting New Ground: Modeling User Behavior in Interactive Geovisualization." In ACM GIS, NY, NY, November 2008.

Workshops

- M. Matthews, **E.A. Carroll**, S. Abdullah, J. Snyder, M. Kay, T. Choudhury, G. Gay, and J. Kientz. "Biological Rhythms and Technology." To Appear in ACM CHI 2014 Workshops.
- E.A. Carroll**, m.c. schraefel, and M. Czerwinski. "Food & Mood: Explorations in Technological Intervention." In British HCI 2012 Workshop: Using Technology to Facilitate Behaviour Change and Support Healthy, Sustainable Living. September 2012.

## TALKS

Conference and Workshop Talks

- Food & Mood: Explorations in Technological Intervention. *International British Computer Society on Human Computer Interaction* (British HCI). Workshop: Using Technology to Facilitate Behaviour Change and Support Healthy, Sustainable Living. Birmingham, UK. September 2012.
- Bodies in Critique: A Technological Intervention in the Dance Production Process. *ACM Conference on Computer Supported Cooperative Work (CSCW)*. Bellevue, WA. February 2012.
- Convergence of Self-Report and Physiological Responses for Evaluating Creativity Support Tools. *ACM Conference on Creativity and Cognition*. Doctoral Consortium. Atlanta, GA. November 2012.
- Love, Hate, Arousal, and Engagement: Exploring Audience Responses to Performing Arts. *ACM Conference on Human Factors in Computing Systems (CHI)*. Vancouver, B.C. May 2011.
- Creativity Factor Evaluation: Towards a Standardized Survey Metric for Creativity Support. *ACM Conference on Creativity and Cognition*. Berkeley, CA. October 2009.

Invited Talks

- Sensing Potential: Assistive Sensing Technologies for Well-Being and Human Potential. Talk given at Rochester Institute of Technology. Spring 2014.
- Quantifying the Personal Creative Experience. Talks given at: University of Rochester, SUNY Oswego, Ithaca College, University of North Carolina at Wilmington, and Microsoft Research. Spring 2013.

- Food and Mood: Explorations in Technological Intervention. Talk given at: Microsoft Research, University of Washington (dub seminar), and University of North Carolina at Charlotte. August 2012.
- Invited Lecture
- Behavior Change in Health. Cornell University. September 2013.

### PROFESSIONAL ACTIVITIES

- Program Committee
- ACM Creativity and Cognition 2013-2015
  - ACM CHI 2014-2015
  - AAAI 2014
- University Committee
- Undergraduate Education Committee, University of Rochester. 2013.
  - Graduate Student Recruiting Committee. University of Rochester. 2013.
- Workshop Organization
- Evaluation Methods for Creativity Support Environments. ACM CHI, Paris, France. May 2013.
- Paper Reviewer
- IEEE Pervasive Computing 2014
  - ACM CHI (2010-2014)
  - ACM C&C (2011, 2013)
  - ACM CSCW (2012)
  - ACM DIS (2012)
  - ACM UIST (2012)
  - British HCI (2009)
- Misc.
- Co-founded HCI Seminar between University of Rochester and Rochester Institute of Technology. Fall 2013.
  - Student Volunteer, ACM CHI. May 2012.
  - Doctoral Consortium, ACM Creativity & Cognition. November 2011.
  - Co-founded Interact, student organization at University of North Carolina at Charlotte. 2009-2013.

### AWARDS AND HONORS

- 2008-2013 **PhD Fellowship**  
Graduate Assistance in Area of National Need (GAANN) Fellowship, UNC Charlotte and US Department of Education
- 2013 - 2014 **Postdoctoral Funding**  
Intel Science and Technology Center, Pervasive Computing