

# Adriane B. Randolph

Director of the Kennesaw State University BrainLab  
Associate Professor of Information Systems  
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(Last Updated February 12, 2014)

## Education

Degree	Major	Institution	Date
Ph.D.	Computer Information Business Admin.	Georgia State University Atlanta, GA	May 2007
B.S. (With Distinction)	Systems Engineering	University of Virginia Charlottesville, VA	May 1999

## Research Production

### Refereed Journal Publications

1. Wegrzyn, Stacy C., Herrington, Doug, Martin, Tim, and Randolph, Adriane B., "Brain Games as a Potential Non-pharmaceutical Alternative for the Treatment of ADHD," *Journal of Research on Technology in Education*, Vol. 45, No. 2, pp. 107-130, 2012.
2. Brown, Charnetta, Randolph, Adriane B., and Burkhalter, Janée N., "The Story of Taste: Using EEGs and Self-Reports to Understand Consumer Choice," *Kennesaw Journal of Undergraduate Research*, Volume 2, Issue 1, Article 5, 2012.
3. Randolph, Adriane B., "Triangulating System Requirements for Users with Severe Motor Disabilities," *Research and Practice for Persons with Severe Disabilities*, Volume 37, Number 1, Spring 2012, p. 24-30.
4. Randolph, Adriane B., Moore Jackson, Melody M., and Karmakar, Saurav, "Individual Characteristics and Their Effect on Predicting Mu Rhythm Modulation," the *International Journal of Human-Computer Interaction (IJHCI)*, Special Issue on Current Trends in Brain-Computer Interface Research and Development, Volume 27, Issue 1, 2011.
5. Randolph, Adriane B., Moore Jackson, Melody M., "Assessing Fit of Nontraditional Assistive Technologies," the *ACM Transactions on Accessible Computing (TACCESS)*, Volume 2, Issue 4, Article 16, June 2010.
6. Raven, Arjan, Randolph, Adriane B., and Heil, Shelli, "Creating Sustainable Education Projects in Roatán, Honduras Through Continuous Process Improvement," the *Clute Institute Journal of Contemporary Issues in Education Research*, Volume 3, Issue 1, 2010.
7. Petter, Stacie and Randolph, Adriane B., "Developing Soft Skills to Manage User Expectations in IT Projects: Knowledge Reuse among IT Project Managers," the Project Management Institute's *Project Management Journal (PMJ)*, Volume 4, No. 4, December 2009.

### Invited Publications

1. Brown, Charnetta, Randolph, Adriane B., & Burkhalter, Janée N., "Quality is becoming more about taste and less about cost: EEG and survey study on consumer behavior," *Neuromarketing Theory & Practice*, Vol. 1, Iss. 4, 2013.

### **Refereed Conference Proceedings**

1. Randolph, Adriane B., "The Applicability of Neurally-Controlled Devices in Business: A Student Perspective," *Hawai'i International Conference on Systems and Sciences (HICSS-47)*, Big Island, Hawaii, January 6-9, 2014.
2. Randolph, Adriane B., Borders, A. Leila, and Loe, Terry W., "Exploring Sales Techniques through the Minds of Novice and Expert Salespersons," *Gmunden Retreat on NeuroIS*, Gmunden, Austria, June 1-4, 2013.
3. Randolph, Adriane B., Borders, A. Leila, and Loe, Terry W., "Into the Mind of the Seller: Using Neurophysiological Tools to Understand Sales Techniques," *Hawai'i International Conference on Systems and Sciences (HICSS-46)*, Wailea, Hawaii, January 7-10, 2013.
4. Wegrzyn, Stacy, Herrington, Doug, Martin, Tim, and Randolph, Adriane B., "An Investigation of Brain Games as a Potential Non-pharmaceutical Alternative for the Treatment of ADHD," *Eastern Educational Research Association*, Hilton Head, SC, February 12-18, 2012.
5. Randolph, Adriane B., "Not All Created Equal: The Individual-Technology Fit of Brain-Computer Interfaces," *Hawai'i International Conference on Systems and Sciences (HICSS-45)*, Wailea, Hawaii, January 4-7, 2012.
6. Randolph, Adriane B. and Mourmant, Gaëtan, "The Aha Moment: Using Psychophysiological Measures to Identify IT Entrepreneurial Epiphanies," *The ACM Conference on Human Factors in Computing Systems (CHI) Workshop on Brain and Body Interfaces: Designing for Meaningful Interaction*, Vancouver, BC, Canada, May 8, 2011.
7. Brown, Charnetta, Randolph, Adriane B., and Burkhalter, Janée N., "Is This What I Think it Is? The Frontal Lobe and Influences on Taste," *Academy of Marketing Science*, Coral Gables, FL, May 24-27, 2011.
8. Burkhalter, Janée N., and Randolph, Adriane B., "I've Got the Feeling: A Consumer's Psychophysiological Responses to Brand Placement," *Society for Consumer Psychology Conference*, Atlanta, GA, February 24, 2011.
9. Riedl, René, Randolph, Adriane B., vom Brocke, Jan, Léger, Pierre-Majorique, and Dimoka, Angelika, "The Potential of Neuroscience for Human-Computer Interaction Research," *Proceedings of the 9<sup>th</sup> Annual Pre-ICIS Workshop on HCI Research in MIS*, December 12, 2010.
10. Ingraham, Ashley, and Randolph, Adriane B., "Brain-Computer Interfaces as Child's Play: Using Mental Training to Improve Motor Skills in Children," *The ACM Conference on Human Factors in Computing Systems (CHI) Workshop on Brain Body and Bytes: Psychophysiological User Interaction*, Atlanta, GA, April 11, 2010.
11. Raven, Arjan, Randolph, Adriane, and Hanson, Miriam, "Case Study: The Development of an Alternative School in Honduras," *The European Applied Business Research (EABR) Conference*, Prague, Czech Republic, June 8-11, 2009.
12. Randolph, Adriane B. and Petter, Stacie, "Is It What You Know or Who You Know? The Role of Social Capital in Information Technology Project Management," *3<sup>rd</sup> International Research Workshop on Information Technology Project Management (IRWITPM)*, Paris, France, December 12-13, 2008.
13. Raven, Arjan, Heil, Shelli, & Randolph, Adriane, "Dealing With Trouble In Paradise: Sustainable Educational Projects In Roatan, Honduras," *The European Applied Business Research (EABR) Conference*, Rothenburg, Germany, June 18-20, 2008.
14. Randolph, Adriane B., "An Expert System for Matching Individual Characteristics and Features of Brain-Computer Interface Technologies with Performance," *The ACM Conference on Human Factors in Computing Systems (CHI) Workshop on Brain-Computer Interfaces for HCI and Games*, Florence, Italy, April 5, 2008.
15. Randolph, Adriane B., Karmakar, Saurav, Moore Jackson, Melody, "Toward Predicting Control of a Brain-Computer Interface," *The International Conference on Information Systems (ICIS)*, Milwaukee, December 10-14, 2006 (less than 20% acceptance rate).
16. Moore, Melody M., Storey, Veda C., and Randolph, Adriane B., "User Profiles for Facilitating Conversations with Locked-in Users," *The International Conference on Information Systems (ICIS)*, Las Vegas, pp. 11-24, December 10-14, 2005 (12% acceptance rate).
17. Randolph, Adriane B., McCampbell, Luke A., Moore, Melody M., and Mason, Steven G., "Controllability of Galvanic Skin Response," *Proceedings of the International Conference on Human-Computer Interaction (HCI)*, Las Vegas, July 22-27, 2005.

18. Moore, Melody M., Storey, Veda C., Davis (Randolph), Adriane B., and Napier, Nannette, "Deriving User Profiles for Augmentative Communication," *The Americas Conference on Information Systems (AMCIS)*, New York City, NY, pp. 3359-3363, August 6-8, 2004.
19. Davis (Randolph), Adriane B., Moore, Melody M., and Storey, Veda C., "Context Aware Communication for Severely Disabled Users," *The Conference on Universal Usability (CUU)*, Vancouver, B. C. Canada, pp. 106-111, November 10-11, 2003.

### **Book Chapters**

1. Randolph, Adriane B., Moore Jackson, Melody M., and Mason, Steven G., "Characterizing Brain-Computer Interface Control with BioGauges," Allison, Brendan Z., et al., eds. *Biological and Medical Physics, Biomedical Engineering. Toward Practical Brain-Computer Interfaces: Bridging the Gap from Research to Real-World Applications*, Springer, 2013.
2. Randolph, Adriane B., and Hubona, Geoffrey S., "Organizational and Individual Acceptance of Assistive Interfaces and Technologies," Galletta, Dennis, and Ping Zhang, eds. *Human-Computer Interaction and Management Information Systems - Applications. Advances in Management Information Systems (AMIS)*, Volume 5. Armonk, NY: M. E. Sharpe, Inc., 2006.
3. Moore, Melody M., Allison, Brendan Z., and Davis (Randolph), Adriane B., "Brain-Computer Interfaces," *Berkshire Encyclopedia of Human Computer Interaction*, W. Bainbridge (ed.) Idea Group Reference, Hershey, PA, Spring 2005.

### **Posters and Presentations**

1. Randolph, Adriane B., Borders, A. Leila, and Loe, Terry W., "Into the Mind of the Seller: Using Neurophysiological Tools to Understand Sales Techniques," Presentation for Coles College Brown Bag Series, August 29, 2013.
2. Randolph, Adriane B., "Learning What is Top-of-Mind: A Course on Neuro-Information Systems," Poster in *Proceedings of the 11<sup>th</sup> Pre-ICIS Workshop on HCI Research in MIS*, Orlando, FL, December 16, 2012.
3. Randolph, Adriane B., "Not All Created Equal: Understanding the Individual-Technology Fit of Brain-Computer Interfaces," Poster in the *National Academies Keck Futures Initiative (NAKFI): The Informed Brain in a Digital World Conference*, Irvine, CA, November 15, 2012.
4. Brown, Charnetta, Randolph, Adriane B., and Burkhalter, Janée N., "The Story of Taste: Using EEGs and Self-Reports to Understand Consumer Choice," Presentation at Kennesaw State University's *16<sup>th</sup> Annual Symposium of Student Scholars*, Kennesaw, GA, April 26, 2011.
5. Ingraham, Ashley and Randolph, Adriane B., "Using Mental Training to Improve Motor Skills," Poster at Kennesaw State University's *15<sup>th</sup> Annual Symposium of Student Scholars*, Kennesaw, GA, April 27, 2010.
6. Martin, Kenneth and Randolph, Adriane B., "Violence in Video Games," Poster at Kennesaw State University's *15<sup>th</sup> Annual Symposium of Student Scholars*, Kennesaw, GA, April 27, 2010.
7. Randolph, Adriane B., and Ingraham, Ashley, "Exploring the Effects of Individual Characteristics on Mental Training and Control," Poster at the *Fourth International BCI Meeting*, Pacific Grove, CA, accepted March 15, 2010.
8. McClendon, Ian and Randolph, Adriane B., "Data Collection and Startup of the KSU BrainLab," Poster at Kennesaw State University's *14<sup>th</sup> Annual Symposium of Student Scholars*, Kennesaw, GA, April 27, 2009.
9. Randolph, Adriane B., "Work at the KSU BrainLab: Matching Individuals with Technology," Presentation for Coles College Brown Bag Series, January 29, 2009.
10. Randolph, Adriane B., Jackson, Melody M., and Mason, Steven G., "BioGauges: Toward More Objective Evaluation of Biometrically-Based Interfaces," Poster in *Proceedings of the 6<sup>th</sup> Pre-ICIS Workshop on HCI Research in MIS*, Montreal, Canada, December 8, 2007.
11. Randolph, Adriane B., McCampbell, Luke A., Mason, Steven G., and Moore, Melody M., "Methodology for Characterizing Biometric Interface Systems," Poster at *Neuroscience 2005: The 35th Annual Meeting of the Society for Neuroscience (SfN)*, Washington, DC, November 14, 2005.
12. Randolph, Adriane B., Moore Jackson, Melody, Mason, Steven G., and McCampbell, Luke A., "BioGauges for Characterizing Biometric Interface Systems," Poster at the *Third International Meeting of Brain-Computer Interface Technology*, Rensselaerville, NY, June 14-19, 2005.

13. Davis (Randolph), Adriane B., "Investigating the Mutual Effects of Physical Training and Mu-based Brain-Computer Interface Systems," Presentation at the 6<sup>th</sup> *International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS) Doctoral Consortium*, Atlanta, GA, October 2004.
14. Davis (Randolph), Adriane B., "Baselining Brain-Computer Interface Systems," Presentation at the *Richard Tapia Diversity in Computing Doctoral Consortium*, Atlanta, GA, October 2003.

### **Invited Talks**

1. "The Brain: Command and Control Center," Invited speaker for TEDxCentennialParkWomen, Atlanta, GA December 6, 2013.
2. "Work-Life Balance in Academia: How to Achieve Success while Keeping Your Sanity", with Irma Becerra-Fernandez, Doctoral Consortium for the *Americas Conference on Information Systems (AMCIS)*, Chicago, IL, August 15, 2013.
2. "Thinking Caps: Using Neuro-Methods for Brand Development," KSU Small Business Development Center GrowSmart Seminar, Atlanta, GA, August 9, 2013.
3. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," Invited panelist for Senior Scholars Panel, *Gmunden Retreat on NeuroIS*, Gmunden, Austria, June 4, 2013.
4. "Thinking Caps: The Next Breakthrough Technology," Invited speaker for the University of Washington-Whitewater's CyberGirlz Tech Camp, July 25, 2012.
5. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," Kennesaw State University's ScienceTALK Series, Kennesaw, GA, April 12, 2012.
6. "Thinking Caps: The Next Breakthrough Technology," Invited inaugural speaker for the Atlanta CEO Council 2012 Series, Atlanta, GA, April 2, 2012.
7. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," Invited speaker for the Clemson University's Division of Human-Centered Computing A4RC Lecture Series, Clemson, SC, November 29, 2011.
8. "Your Brain: The Ultimate Remote Control," Invited speaker for TEDxPeachtree at Zoo Atlanta, Atlanta, GA, November 4, 2011.
9. "Netiquette" Round-table discussion leader at the 21<sup>st</sup> Century Leaders' G5! Conference, Atlanta, GA, June 6, 2011.
10. "The Potential of Neuroscience for Human-Computer Interaction Research," Panelist and paper with René Riedl, Jan vom Brocke, Pierre-Majorique Léger, and Angelika Dimoka at the *9th Annual Pre-ICIS Workshop on HCI Research in MIS*, St. Louis, MO, December 12, 2010.
11. "Becoming a Lifelong Learner," Marietta Mentoring for Leadership Program's Women's Leadership Seminar, Marietta, GA, October 28, 2010.
12. "The paths to becoming a professor," Roundtable discussion leader at the 21st Century Leaders' Winter Leadership Weekend Luncheon, Atlanta, GA, February 5, 2010.
13. "The PhD Project: Preparing for Graduate School," Co-presenter with Randy Bradley at the National Association of Black Accountants, Inc. (NABA), 29<sup>th</sup> Annual Southern Region Student Conference, Atlanta, GA, October 2, 2009.
14. "Survival Tips: Perspectives of Recently-Hired Faculty Panel," Panelist for KSU New Faculty Orientation, Kennesaw, GA, August 11, 2009.
15. "Facilitating Patient-Provider Communication of Locked-in Persons," Workshop paper co-authored by Melody M. Moore Jackson and Veda C. Storey and invited for discussion at the Pre-AMCIS International Workshop by the Association for Information Systems (AIS) Special Interest Group for Health-Related Research, San Francisco, August 6, 2009.
16. "Presenting Yourself: Online IS In Person!" Co-presenter with David Felfoldi and Patrick Clements at the 21<sup>st</sup> Century Leaders' G5! Conference, Atlanta, GA, June 3, 2009.
17. "Making the Most of Your Leadership Opportunities" and "Netiquette and Business-Related Technology," Panelist and roundtable discussion leader at the 21<sup>st</sup> Century Leaders' Winter Leadership Weekend Luncheon, Atlanta, GA, February 6, 2009.
18. "Matching Users to Brain-Computer Interface Technologies for More Effective Control," Presentation during invitation-only *DARPA Neurobotic Control Workshop*, San Diego, CA, May 22, 2008.
19. "Brain-Computer Interface Systems," Presentation to the *Sandy Bay Alternative School* science class for middle school students, Roatán, Honduras, March 7, 2008.

20. "Making the Institute Work for You," Panelist at the Compact for Faculty Diversity's Annual *Institute on Teaching and Mentoring*, Washington, DC, October 27, 2007.
21. "Information Systems in Today's Business Schools," Panelist at the *African-American Researchers in Computing Sciences (AARCS) Conference*, Auburn, AL, July 20, 2007.
22. "Individual-Technology Fit: Linking Individual Characteristics and Features of Biometric Interface Technologies with Performance," MIS Colloquia Speaker, University of Georgia Department of Management Information Systems, Athens, GA, March 8, 2007.
23. "Brain-Computer Interface Systems," Presentation at the *Computer and Robotics Education (CARE) Camp* for middle school students, Spelman College, Atlanta, GA, July 19 & 26, 2006.
24. "Facilitating Conversations with Locked-in Users," Presentation at the *Aware Home Luncheon*, Georgia Institute of Technology Ubiquitous Computing Research Group, Atlanta, GA, April 14, 2006.
25. "Emerging Technology at the BrainLab," Presentation to *CIS 2010: Introduction to Computer-Based Information Systems*, Georgia State University Department of Computer Information Systems, Atlanta, GA, April 13, 2006.
26. "Considerations for Technology Usage by Disabled Users," Presentation to the *Meeting of the Ubiquitous and Pervasive Information Systems (UPIS) Special Interest Group*, Georgia State University, Atlanta, GA, November 4, 2005.
27. "Direct Brain Interfaces: Controlling Computers with Thought," Presentation to *PSYC 8040: Graduate Engineering Psychology Seminar on Assistive Technology*, Georgia Institute of Technology Department of Psychology, Atlanta, GA, November 3, 2005.
28. "MIS Breakout Session: The IS Student," Invited Panelist at the *KPMG Ph.D. Project Conference*, Chicago, IL, November 18, 2005.
29. "MIS Breakout Session: The IS Student," Invited Panelist at the *KPMG Ph.D. Project Conference*, Chicago, IL, November 19, 2004.
30. "Assistive Technology," Presentation to *CIS 8389: Graduate Seminar on Brain-Computer Interfaces*, Georgia State University, Atlanta, GA, July 13, 2004.
31. Live demonstration of a brain-computer interface and a galvanic skin response system, Demonstration with Melody Moore Jackson, Brendan Allison, and Umang Dua, *Wired Magazine's NextFest*, San Francisco, CA, May 2004 (received live coverage by CNN).

### **Papers Under Development/Research in Progress**

1. "From General to Specific: Understanding Individual Differences and Their Impact on Neural Recordings of Online Media Consumption," with Janée N. Burkhalter, under review at *DATA BASE*.
2. "Learning What is Top-of-Mind: A Course on Neuro-Information Systems," sole-authored, targeting the *Journal of Information Systems Education*.
3. "Facilitating Neurally-Controlled Communication of Locked-in Persons," with Melody Moore Jackson and Veda Storey, targeting the *AIS Transactions on Human-Computer Interaction*.
4. "Is it all the Same?: Emotional Effects of Brand Placement in Music Videos Versus Television as Understood Through EEG and Self-Reports," with Janée N. Burkhalter and Tim Martin, targeting the *International Journal of Advertising*.
5. "Brain-Computer Interfaces as Mental Training Tools to Enhance Motor Skills," with Ashley Ingraham, targeting *IEEE Transactions on Neural Systems and Rehabilitative Engineering*.
6. "Neuro-Methods for Family Business," sole-authored, targeting the *Journal of Family Business Strategy*.
7. "The Future of Brain-Based Interfaces and Business," sole-authored, targeting *MIS Quarterly Executive*.
8. "Individual Differences and Neurophysiological Control of Computer Interfaces," sole-authored, targeting *MIS Quarterly*.
9. "Sustainable Action Research in Roatán," with Arjan Raven, writing results.
10. "Neuro-Recordings as Surrogates for Ranking Commercials," with Sandra Pierquet and Steven Krantz, collecting data.
11. "Lessons in the Field from Brain-Computer Interface Home Use," with Theresa Vaughan and Shannon Smith, ongoing work.
12. "Neural Input to Google Glass," with Ben Warren, Steven Krantz, Josh Pate, and Pierce Wilford, ongoing work.

### **Funding**

- KSU Office of the Vice President for Research Grant to Catalyze External Funding of \$7,033, January 2014
- KSU Coles College of Business Research and Development Award of \$4,000, June 2013
- KSU Coles College of Business Research and Development Award of \$4,000, November 2012
- KSU Coles College of Business Research and Development Award of \$2,000, June 2012
- KSU Coles College of Business Research and Development Award of \$2,000, November 2011
- KSU Coles College of Business Research and Development Award of \$2,000, June 2011
- KSU Coles College of Business Research and Development Award of \$2,000, November 2010
- KSU Coles College of Business Dean's Office Support for Tobii Glasses Eye-tracking System of \$8,000, October 2010
- KSU Coles College of Business Research and Development Award of \$2,000, June 2010
- KSU Center for Excellence in Teaching & Learning (CETL), Undergraduate Research & Creative Activities (URCA) Funding Award \$500, March 2010
- KSU Coles College of Business Research and Development Award of \$2,600, November 2009
- KSU Coles College of Business Research and Development Award of \$2,000, July 2009
- KSU Coles College of Business Research and Development Award of \$2,000, November 2008
- KSU Coles College of Business Research and Development Award of \$4,800, July 2008
- KSU Coles College of Business Research and Development Award of \$3,000, October 2007
- KSU Coles College of Business Dean's Office Support of Research Startup of \$30,000, August 2007
- National Science Foundation Graduate Research Fellowship Program (NSF GRFP) Award of \$30,000 yearly for three years, 2004-07
- KPMG Ph.D. Project Information Systems Doctoral Fellow for \$10,000 yearly, 2002-05 & 2006-07

### **Graduate Students Supervised**

- Rebecca (Becky) Quammen (D.B.A. IS) – Doctoral Advisor, August 2013-Present
- Carole Hollingsworth (D.B.A. IS) – Doctoral Advisor, August 2013-Present
- Tiffany Schneider (Abera) (Masters of Communication) – Graduate Research Assistant, January 2013-Present
- Shannon Smith (Masters of Science in Information Systems) – Graduate Research Assistant, August 2012-May 2013
- Shunkedra Zachary (Masters of Public Writing) – Graduate Research Assistant, August 2012-December 2012
- Ashley Ingraham (Masters of Science in Information Systems) – Graduate Research Assistant, January 2011-May 2012
- Stacy Wegrzyn (Ed.D. Instructional Technology) – Doctoral dissertation committee member, August 2009-October 2011
- Michael Manion (Masters of Applied Statistics) – Graduate Research Assistant, August 2010-December 2010
- Leland Walcott (Masters of Applied Computer Science) – Graduate Research Assistant, August 2009-May 2010
- Tara Truscott (Masters of Health and Physical Education) – Graduate Research Assistant, August 2008-May 2009

### **Undergraduate Students Supervised**

- Chynna Golding (Biology) – January 2014-Present
- Josh Pate (English) – August 2013-Present
- Cole Daniel (Economics) – December 2013-Present
- Pierce Wilford (Information Systems) – August 2013-December 2013
- Steve Krontz (Information Systems) – August 2013- December 2013
- Ben Warren (Computer Science/Biology) – May 2012-December 2013
- Lisa Sapp (Information Systems) – January 2013-May 2013
- Edward Birt (Information Systems) – August 2012-December 2012

- Punya Mainampati (Management) – January 2012-May 2012
- Xylina Walker (Finance) – June 2011-May 2012
- Charnetta Brown (Psychology) – August 2010-May 2011
- Ashley Ingraham (Management) – May 2009-May 2010
- Andrew Zabel (Accounting) – August 2009-May 2010
- Kenneth Martin (Management) – May 2009-May 2010
- Ian McClendon (Accounting) – May 2008-December 2008

### **Dissertation**

**Title:** “Individual-Technology Fit: Matching Individual Characteristics and Features of Biometric Interface Technologies with Performance,” successfully defended April 23, 2007.

- Committee: Melody Moore Jackson (Chair), Veda Storey, Detmar Straub, and Bruce Walker

### **Honors & Awards**

- Featured panelist for KSU’s 6<sup>th</sup> Annual Women’s History Month Commemoration, March 2014
- Invited to be featured for Women LEAD blog, February 2014
- Invited to be featured for Academic Leadership by Who’s Who in Black Atlanta, January 2014
- Selected as one of 10,000 Google Glass Explorers, July 2013
- Best Reviewer Award by the AIS Special Interest Group for Human-Computer Interaction (SIGHCI), December 2012
- Featured in KSU Global Challenges video series as the expert on Technology, August 2012
- Selected for the Art of Genius Technology Series’ “Women 2 Watch Atlanta” Award, March 2012
- Nominated to apply for Leadership Atlanta’s Class of 2013, December 2011
- Featured in *Georgia Trend* Magazine’s section on “Research Georgia,” November 2011
- Featured in the inaugural edition of the *Women of Color in Computing: The Black Women Edition*, Summer 2011
- Featured on the University of Virginia Black Alumni Club of Atlanta’s “We Are History in the Making” web page, February 10, 2011
- Featured article in the *KSU Magazine*, “Sound Moves,” Fall 2010
- Featured on KSU News Faculty Spotlight, March 2010
- Selected as one of 60 members (out of 320 nominees) for the Leadership Georgia Class of 2010, September 2009
- Featured as the first scholar on the web-based *Black Scholars Index*, June 22, 2009
- Featured in *NSBE (National Society of Black Engineers) Magazine* as an “AE (Alumni Extension) Member on the Move,” Nov/Dec 2008
- Featured on the front page of the *Darlington News & Press*, “BrainLab Researcher Hails from Darlington,” July 3, 2008
- Featured in the KSU Coles College Dean’s Newsletter, June 2008
- KSU BrainLab featured in *Smart Business Atlanta* Magazine, June 2008
- Recognized by the *Atlanta Business Chronicle* as one of “40 Under 40: Young Professionals on the Rise” featured in October 2007
- Invited to attend *Mentoring in Engineering Academia II, Banff International Research Station (BIRS) Workshop* in Banff, Canada, July 2007
- Featured as an entrepreneur transforming the future of the world in “Take the Lead,” *Entrepreneur Magazine*, May 2007
- Selected for a Georgia State University Dissertation Grant Award, 2006-07
- Accepted to Rochester Institute of Technology’s *Future Faculty Career Exploration Program* (FFCEP), October 2006
- Accepted to North Carolina State University’s *Building the Faculty of the Future Program*, March 2006
- Accepted to the Georgia Institute of Technology’s *FOCUS Fellows Program*, 2006
- Recognized in Educational Communications, Inc. *The Chancellor’s List*, 2005-06

- Accepted to the *International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS)* Doctoral Consortium, 2004
- Selected as a Southern Regional Education Board (SREB) Doctoral Scholar, 2003-07
- Accepted to the *Richard J. Tapia Diversity in Computing* Doctoral Consortium, 2003
- Received a National Science Foundation Graduate Research Honorable Mention, 2003
- Inducted into Tau Beta Pi Engineering Honor Society, 1997
- Inducted into the Golden Key National Honor Society, 1997

## Academic Experience

### **Kennesaw State University, Associate Professor of Information Systems**

Kennesaw, GA

August 2013-Present

- Discipline Coordinator for the IS track of the Doctor of Business Administration (DBA) Program.
- Tenured faculty member teaching courses in the DBA Program: research methods for individual-level of analysis (9001), qualitative methods (9105), IS core course (9601), and career transition (9005).
- Ongoing research as director of the KSU BrainLab in the area of brain-computer interfaces and neuro-IS. Utilizing EEG, fNIR, eye-tracking, and skin conductance devices.

### **Kennesaw State University, Assistant Professor of Information Systems**

Kennesaw, GA

August 2007-July 2013

- Tenure-track faculty member teaching *IS 3100: Information Systems Management*, a survey course with an average of 60 students (face-to-face) and 40 students (online) on information systems in organizations required for all undergraduate business majors. Developed and teaching *IS 4490: Neuro-IS*, a course on incorporating non-traditional neurophysiological input into systems design with an average of 40 students (face-to-face and online).
- Conducted research as director of the KSU BrainLab in the area of brain-computer interfaces. Supervised graduate research assistants and undergraduate lab assistants. Conducted related internships and directed studies titled: "Introduction to Brain-Based Assistive Technologies" and "Advanced Brain-Based Assistive Technologies."
- Departmental Program Coordinator/Discipline Coordinator for the IS track of the DBA Program.

### **Georgia Institute of Technology BrainLab, Visiting Researcher**

Atlanta, GA

January 2006-May 2007

- Conducted research under the direction of Dr. Melody Moore Jackson to expand the application of direct-brain and biometric interfaces for use with existing technology such as functional near-infrared (fNIR) imaging devices and wearable computers.

### **Georgia State University BrainLab, Graduate Research Assistant**

Atlanta, GA

August 2002-May 2007

- Conducted research under the direction of Dr. Melody Moore Jackson to design and develop direct-brain interfaces to help improve the quality of life for users with severe motor disabilities.
- Involved in multi-disciplinary work in information systems, computer science, engineering, cognitive psychology, and neuroscience.
- Participated in proposal writing, maintenance, and project closeout for large grants supporting research in the lab.

### **Georgia State University, Graduate Teaching Assistant**

Atlanta, GA

August 2003-May 2004

- Instructed two semesters of *CIS 2010: Introduction to Computer-Based Information Systems* for undergraduate business majors at Georgia State University.
- Administered lectures and grades for own classes in consultation with departmental coordinator.
- Received above-average student evaluation scores of 4.5 (fall) and 4.6 (spring) out of 5.0 as a first-year instructor, exceeding departmental averages with an average class size of forty-three (43) students.



## Industry Experience

### Accenture, Consultant – Solutions Engineering, Government Market Unit

Washington, DC

August 1999-August 2002

- Provided change management consulting and conducted requirements gathering for major federal agencies.
- Testing Lead for the deployment of a new website for a major federal agency.
- Training Lead for the design and development of training and communication in support of an Internet-based application to reduce paper-based entry and reporting for a major federal agency.
- Senior Analyst for a requirements gathering effort to design a new module for an Internet-based application.
- Served as Change Control Board (CCB) liaison for system error resolution process.
- Devised and executed a three-tiered testing and training plan for several federal agency program areas to test Year 2000-related Day One and Contingency Plans.
- Devised a business process reengineering plan for federal agency's CIO Office.

## Service

### Journal Reviewing

- *Communications of the Association for Information Systems (CAIS)*
- *The DATA BASE for Advances in Information Systems*
- *Ergonomics*
- *IEEE Computer*
- *IEEE Transactions on Neural Systems and Rehabilitation Engineering (TNSRE)*
- *Information Systems Journal (ISJ)*
- *International Journal of Human-Computer Interaction (IJHCI)*
- *Journal of the Association for Information Systems (JAIS)*
- *Journal of Management Information Systems (JMIS)*
- *MIS Quarterly (MISQ)*

### Conference Reviewing

- *ACM Conference on Human Factors in Computing Systems (CHI)*
- *ACM Conference for the Special Interest Group on Management Information Systems Computers and People Research (SIGMIS CPR)*
- *Americas Conference on Information Systems (AMCIS)*
- *Conference on Information Resources Management (Conf-IRM)*
- *European Conference on Information Systems (ECIS)*
- *Hawaii International Conference on System Sciences (HICSS)*
- *International Conference on Information Systems (ICIS)*
- *International Federation for Information Processing (IFIP) Working Group 8.2*

### Grant Reviewing

- National Science Foundation Human-Centered Computing Panel

### Other Service to the Profession

- Co-organizer of the *Gmunden Retreat on NeuroIS 2012, 2013, & 2014*
- Participating Faculty Mentor in the *AMCIS 2013 Doctoral Consortium*
- Associate Editor for *JAIS Neuro-IS Special Issue* in 2013

### **University Activities**

- Discipline Coordinator for the KSU Coles College of Business DBA Program - Information Systems Track (Appointed), October 2011-Present
- Member of the KSU Department of Information Systems Faculty Council (Elected), September 2013-Present
- Member of the KSU Department of Information Systems Faculty Review (Promotions & Tenure) Committee (Elected) – August 2013-Present
- Search Committee Chair for IS Department Chair Position – May 2013-Present
- Member of the KSU Department of Information Systems Faculty Council (Elected, Secretary), August 2011-May 2013
- Representative for the KSU Coles College of Business Library Committee (Elected), July 2011-May 2013
- Poster judge for CETL's Annual Undergraduate Research Symposium, April 2013
- Filmed for KSU Admissions Video, September 2012
- Team Leader for Presidential initiative, Engage KSU's Partnerships and Networks Team (Appointed), May 2011-May 2012
- Member of the KSU Search Committee for Chair of the Department of Information Systems (Appointed), July 2011-February 2012
- Member of the KSU University-Level Scholarship Committee (Appointed), January 2011-January 2012
- Member of the KSU Department of Information Systems Promotion & Tenure Planning Workgroup, Spring 2011
- BISM 3100 Course Coordinator (Appointed), August 2010-July 2011
- Member of the KSU School of Accountancy Scholarship and Award Committee (Appointed), January 2010-May 2011
- Member of the KSU Business, Culture, and Society Series Steering Committee for "The Global Consumer" (Appointed), June 2008-May 2010
- Member of the KSU Japanese Special Interest Group, Fall 2009
- Panelist for KSU New Faculty Orientation (Invited), August 2009
- Member of the KSU Search Committee for a Lecturer of Information Systems and Online Bachelor's Business Administration Program Director (Appointed), Spring 2009

### **Community Activities**

- Health Connect South, Advisory Board Member, 2013-Present
- University of Virginia Walter N. Ridley Scholarship Committee, Member, 2009-Present
- 21<sup>st</sup> Century Leaders, Volunteer, 2008-Present
- University of Virginia Black Alumni Club of Atlanta, Member, 2006-Present
- University of Virginia Alumni Admission Network (VAAN), Recruiting Volunteer, 2005-Present
- Association for Computing Machinery (ACM), Member, 2003-Present
- Association for Information Systems (AIS), Member, 2002-Present
- National Society of Black Engineers (NSBE), Member, 1995-Present
- University of Virginia Judge of the Atlantic Coast Conference Inter-University Academic Collaborative (ACCIAC) Fellows in Creativity and Innovation Award, 2010-2012
- KPMG Ph.D. Project Information Systems Doctoral Students Association, Faculty Advisor, 2009-2012
- University of Virginia Jefferson Scholars, First-Round Regional Interviewer, 2009-2011
- University of Virginia Young Alumni Council, Member, 2009-2010
- University of Virginia Class of 1999 Reunions Fundraising Committee, Member, 2008-2009
- Consultant to the director of the Sandy Bay Alternative School in Roatán, Honduras, as part of a sustainable education project, 2008
- Hands on Atlanta, Community Service Volunteer, 2004-2008