

**Kennesaw State University**

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**From the Selected Works of Adriane B. Randolph**

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October, 2018

# Adriane Randolph\_CV

Adriane B. Randolph



Available at: <https://works.bepress.com/adrianerandolph/35/>

# Adriane B. Randolph, Ph.D.

Associate Professor of Information Systems  
Executive Director of the BrainLab

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## Education

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

## Dissertation

Title: "Individual-Technology Fit: Matching Individual Characteristics and Features of Biometric Interface Technologies with Performance."

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

## Research Production (since Last Review)

### Peer-Reviewed Journal Publications

1. Minas, Randall, Randolph, Adriane B., Dennis, Alan, Dimoka, Angelika, Lee, Allen, Turel, Ofir, and Panko, Raymond, "HICSS Panel Report on Cognitive Foreshadowing: Next Steps in Applying Neuroscience and Cognitive Science to Information Systems Research," *Communications of the Association for Information Systems (CAIS)*, Forthcoming.
2. Petter, Stacie C., Carter, Michelle, Randolph, Adriane B., and Lee, Allen, "Editorial: Desperately Seeking the Information in Information Systems Research," *The DATA BASE for Advances in Information Systems*, 49, 3, August 2018.
3. Petter, Stacie, Richardson, Sandra, and Randolph, Adriane B., "Stuck in the Middle: Discovering a Path during Mid-Career based on Reflections from the AMCIS Mid-Career Workshop," *Communications of the Association for Information Systems (CAIS)*, Vol. 42, Article 3, 2018.
4. Zafar, Humayun, Randolph, Adriane B., Martin, Neale, "Toward a More Secure HRIS: The Role of HCI and Unconscious Behavior," *AIS Transactions on Human-Computer Interaction (ToHCI)*, Volume 9, Issue 1, pp. 59-74, 2017.
5. Hair, Joseph, Jr., Hollingsworth, Carole, Randolph, Adriane B., and Chong, Alain, "An Updated and Expanded Assessment of PLS-SEM in Information Systems Research," *Industrial Management & Data Systems (IMDS)*, Vol. 117 No. 1, 2017.
6. Petter, Stacie, Randolph, Adriane B., DeJong, Julie, and Robinson, Anthony, "The Trouble with Troubled Projects: Keeping Mum During Times of Crisis," *AIS Transactions on Replication Research (TRR)*, Volume 2, Article 6, 2016.
7. Randolph, Adriane B., and Burkhalter, Janée N., "From General to Specific: Understanding Individual Characteristics and Their Impact on Neural Recordings of Online Media Consumption," *International Journal of Business Intelligence Research (IJBIR)*, Volume 7, Issue 2, 2016.
8. 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.
9. Wegryzn, Stacy C., Hearrington, 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 (JRTE)*, Volume 45, Number 2, pp. 107-130, 2012.
10. 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 (KJUR)*, Volume 2, Issue 1, Article 5, 2012.
11. 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.
12. 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.

13. 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.
14. 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.
15. 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, Number 4, December 2009.

### Book Chapters

1. Cortes, Kimberly J., Kammerdiener, Kimberly, and Randolph, Adriane B., "Using Multiple Psychophysiological Techniques to Triangulate the Results of Eye-Tracking Data," VandenPlas, Jessica R., et al., eds. *Eye Tracking for the Chemistry Education Researcher*, American Chemical Society, Volume 1292, pp 119-143, September 19, 2018.
2. 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.
3. 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.
4. 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.

### Conference Proceedings

1. Warren, Ben and Randolph, Adriane B., "Facebrain: A P300 BCI to Facebook," *Gmunden Retreat on NeuroIS*, Gmunden, Austria, June 19-21, 2018.
2. Randolph, Adriane B., "Neurally-Controlled Artbots," *The ACM Conference on Human Factors in Computing Systems (CHI) Workshop on Art and BCI*, Montreal, Canada, April 22, 2018.
3. Booyzen, Tyron, Marsh, Aaron, and Randolph, Adriane B., "Exploring the Mental Load Associated with Switching Smartphone Operating Systems," *Gmunden Retreat on NeuroIS*, Gmunden, Austria, June 5-8, 2016.
4. Carter, Michelle, Petter, Stacie C., and Randolph, Adriane B., "Desperately Seeking Information in Information Systems Research," *The International Conference on Information Systems (ICIS)*, Fort Worth, TX, December 15, 2015.
5. McLaurin, Shekesa, Carte, Traci, and Randolph, Adriane B., "Undergraduate-to-PhD Project: Examining the Path to Becoming and Remaining an African American Professor in Information Systems," *The Americas Conference on Information Systems (AMCIS)*, Puerto Rico, August 13-15, 2015.
6. Quammen, Rebecca L. and Randolph, Adriane B., "Intuition and Successful EHR Adoption," *The Institute of Operations Research and Management Science (INFORMS) Conference on Healthcare*, Nashville, TN, July 29-31, 2015.
7. Hollingsworth, Carole L., and Randolph, Adriane B., "Using NeuroIS to Better Understand Activities Performed on Mobile Devices," *Gmunden Retreat on NeuroIS*, Gmunden, Austria, June 1-3, 2015.
8. Randolph, Adriane B., Labonté-LeMoyne, Élise, Léger, Pierre-Majorique, Courtemanche, François, Sénécal, Sylvain, and Fredette, Marc, "Proposal for the Use of a Passive BCI to Develop a Neurophysiological Inference Model of IS Constructs," *Gmunden Retreat on NeuroIS*, Gmunden, Austria, June 1-3, 2015.
9. Brown, Dennis and Randolph, Adriane B., "Employee Perceptions of Information Security Program Non-Compliance Costs," *18th Southern Association for Information Systems Conference (SAIS)*, Hilton Head, SC, March 20-21, 2015.
10. Collier, Raymond and Randolph, Adriane B., "Wearable Technologies for Healthcare Innovation," *18th Southern Association for Information Systems Conference (SAIS)*, Hilton Head, SC, March 20-21, 2015.
11. Quammen, Rebecca L. and Randolph, Adriane B., "A Content Analysis on Intuition in Information Systems Research," *18th Southern Association for Information Systems Conference (SAIS)*, Hilton Head, SC, March 20-21, 2015.
12. Smith, James and Randolph, Adriane B., "The Homogenization of Standards Based Information Security Education: An Example of Differentiation," *18th Southern Association for Information Systems Conference (SAIS)*, Hilton Head, SC, March 20-21, 2015.
13. Randolph, Adriane B., and Pierquet, Sandra, "Bringing Advertising Closer to Mind: Using Neurophysiological Tools to Understand Student Responses to Super Bowl Commercials," *Hawai'i International Conference on Systems and Sciences (HICSS-48)*, Kauai, Hawaii, January 5-8, 2015.
14. Randolph, Adriane B., Warren, Benjamin, Krontz, Stephen R., Pate, Joshua Z., "Using Neural Input to Control Google Glass," *Gmunden Retreat on NeuroIS*, Gmunden, Austria, June 5-7, 2014.

15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. Brown, Charneeta, 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.

### **Conference Posters and Presentations**

1. Cortes, Kimberly J., Kammerdiener, Kimberly, Randolph, Adriane B., and Terrell, Cassidy, "Measuring the Cognitive Load of Modeling Activities in Chemistry," *255<sup>th</sup> American Chemical Society National Meeting*, New Orleans, LA, April 2018.
2. Aleuy, Lana, Cortes, Kimberly, and Randolph, Adriane B., "Determination of the Cognitive Load of Serine Protease 3-Dimensional Models," Presentation at Kennesaw State University's 2018 Annual Symposium of Student Scholars, Kennesaw, GA, April 19, 2018.

3. Bateganya, Lisa, Hampton-Ashford, Ana, Calvert, Jenifer, Cortes, Kimberly, and Randolph, Adriane B., "Determination of the Cognitive Load of Modeling Tasks in Organic Chemistry," Presentation at Kennesaw State University's *2018 Annual Symposium of Student Scholars*, Kennesaw, GA, April 19, 2018.
4. Calvert, Jenifer, Cortes, Kimberly, and Randolph, Adriane B., "Determining the Cognitive Load of a Virtual Substrate Docking Activity in Biochemistry," Presentation at Kennesaw State University's *2018 Annual Symposium of Student Scholars*, Kennesaw, GA, April 19, 2018.
5. Gordon, Tia, Calvert, Jenifer, Cortes, Kimberly, and Randolph, Adriane B., "An Investigation of Cognitive Load of General Chemistry Students Using a Virtual Modeling Activity," Presentation at Kennesaw State University's *2018 Annual Symposium of Student Scholars*, Kennesaw, GA, April 19, 2018.
6. Kammerdiener, Kimberly, Cortes, Kimberly, and Randolph, Adriane B., "Use of Biometric Techniques to Determine Differences in Exposure to Content when Reading and Processing Metabolic Pathways," Presentation at Kennesaw State University's *2018 Annual Symposium of Student Scholars*, Kennesaw, GA, April 19, 2018.
7. Mekbib, Solome, Randolph, Adriane B., and Cortes, Kimberly, "Using Biometric Tools to Understand the Relationship Between Individual Characteristics and Cognitive Abilities," Presentation at Kennesaw State University's *2018 Annual Symposium of Student Scholars*, Kennesaw, GA, April 19, 2018.
8. Cortes, Kimberly J., Kammerdiener, Kimberly, Randolph, Adriane B., and Terrell, Cassidy, "Using physiological biometric data to inform the instructional practices of biochemistry," *Southeast Regional Meeting American Chemical Society*, Charlotte, NC, November 8, 2017.
9. Matthews, Ryan, Randolph, Adriane B., and Matthews, Lucy, "Perceived Application of Neuroscience Tools by Experienced Salespersons," *Interdisciplinary Symposium on Decision Neuroscience (ISDN) 2017*, Stanford, CA, June 2, 2017.
10. Cortes, Kimberly J., Kammerdiener, Kimberly, and Randolph, Adriane B., "Use of Eyetracking Technology to Determine Biochemistry Expert-Novice Differences in Reading Metabolic Pathways," *Experimental Biology 2017*, Chicago, IL, April 24, 2017.
11. Cortes, Kimberly J., Kammerdiener, Kimberly, Randolph, and Adriane B., "Measuring the Cognitive Load of Modeling Activities in Chemistry," *253rd American Chemical Society National Meeting*, San Francisco, CA, April 2, 2017.
12. Donovan, Roxanne A., Anderson, Kami J., Figueroa, Neysa O., Guillory, Nichole A., Randolph, Adriane B., and Thomas, Griselda D., "Creating sista circles: Chronicles from a women faculty of color post-tenure support group," *Southeastern Women's Studies Association Conference (SEWSA)*, Atlanta, GA, March 2017.
13. Booyzen, Tyron, Marsh, Aaron, and Randolph, Adriane B., "Exploring the Mental Load Associated with Switching Smartphone Operating Systems," Presentation at Kennesaw State University's *21st Annual Symposium of Student Scholars*, Kennesaw, GA, April 21, 2016.
14. Randolph, Adriane B., "Active and Passive Brain-Computer Interface Research," *Hawai'i International Conference on Systems and Sciences (HICSS-49)*, Kauai, Hawaii, January 5, 2016.
15. 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.
16. Randolph, Adriane B., "Learning What is Top-of-Mind: A Course on Neuro-Information Systems," Poster in *Proceedings of the 11th Pre-ICIS Workshop on HCI Research in MIS*, Orlando, FL, December 16, 2012.
17. 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.
18. 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 *16th Annual Symposium of Student Scholars*, Kennesaw, GA, April 26, 2011.
19. Ingraham, Ashley and Randolph, Adriane B., "Using Mental Training to Improve Motor Skills," Poster at Kennesaw State University's *15th Annual Symposium of Student Scholars*, Kennesaw, GA, April 27, 2010.
20. Martin, Kenneth and Randolph, Adriane B., "Violence in Video Games," Poster at Kennesaw State University's *15th Annual Symposium of Student Scholars*, Kennesaw, GA, April 27, 2010.
21. 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.
22. McClendon, Ian and Randolph, Adriane B., "Data Collection and Startup of the KSU BrainLab," Poster at Kennesaw State University's *14th Annual Symposium of Student Scholars*, Kennesaw, GA, April 27, 2009.
23. Randolph, Adriane B., "Work at the KSU BrainLab: Matching Individuals with Technology," Presentation for Coles College Brown Bag Series, January 29, 2009.
24. Randolph, Adriane B., Jackson, Melody M., and Mason, Steven G., "BioGauges: Toward More Objective Evaluation of Biometrically-Based Interfaces," Poster in *Proceedings of the 6th Pre-ICIS Workshop on HCI Research in MIS*, Montreal, Canada, December 8, 2007.

25. 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.
26. 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.
27. Davis (Randolph), Adriane B., "Investigating the Mutual Effects of Physical Training and Mu-based Brain-Computer Interface Systems," Presentation at the *6th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS) Doctoral Consortium*, Atlanta, GA, October 2004.
28. 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 and Other Scholarly Materials***

1. "How to Tell What They are Really Thinking," Invited speaker for Moxie's FutureX, Kennesaw, GA, November 16, 2018.
2. Featured in *Coles Research Magazine* for NSF IUOE ModEL-C Grant with Kimberly Cortes, Fourth Issue 2018.
3. "NeuroGlass: A Mobile Brain-Computer Interface for Locked-in Communication," Georgia Tech's 2018 Institute for People and Technology (IPaT) Industry Innovation Day: Intelligent Health, Atlanta, GA, April 19, 2018.
4. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," blackcomputeHER Conference, Atlanta, GA, April 6, 2018.
5. "Neuromarketing: Impactful Solutions for Brain-Computer Interface Systems," Atlanta Interactive Marketing Association (AIMA), Atlanta, GA, March 28, 2018.
6. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," Baylor University Department of Information Systems, Waco, TX, March 23, 2018.
7. "What Women Bring to Science: A Mentor and Mentee Dialogue in Brain-Computer Interfaces," Speaker for TEDxCentennialParkWomen with Dr. Melody Moore Jackson, Atlanta, GA, November 3, 2017.
8. "Telepaths Among Us: Advances in Brain-Computer Interfaces," Invited speaker for Moxie's FutureX, Atlanta, GA, October 5, 2017.
9. "Neuroscience and Learning," Session co-presenter with Janée Burkhalter at the AACSB International Conference and Annual Meeting (ICAM), Houston, TX, April 24, 2017.
10. STEM Panelist for "Hidden Figures-The Read on the Book, STEM, and Women's Issues," by Upsilon Alpha Omega Chapter of AKA Sorority, Inc., Norcross, GA, March 16, 2017.
11. Panelist on "Academic Entrepreneurship," IEEE-WIE Global Women in STEM Leadership Summit, Atlanta, GA, November 3, 2016.
12. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," University of Pittsburgh Katz Graduate School of Business, Pittsburgh, PA, October 14, 2016.
13. "Thinking Caps: The Next Breakthrough Technology in Education," Session presenter for KSU Educator Preparation Provider (EPP) Meeting, Kennesaw, GA, August 9, 2016.
14. "Funding for Graduate School," Panelist for the inaugural National Society of Blacks in Computing (NSBC) Conference, Atlanta, GA, June 11, 2016.
15. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," Pennsylvania State University at Harrisburg IST Course, Virtual, April 12, 2016.
16. "From American Idol to Sunday's Best: The Story of my First Journal Publication," Featured speaker at the KSU Library System Authors' Reception, Kennesaw, GA, March 29, 2016.
17. "College Admissions," Elite Women of Excellence workshop organizer and presenter, Kennesaw, GA, November 21, 2015.
18. "Managing a Successful Interview," the PhD Project ISDSA Workshop, Puerto Rico, August 13, 2015.
19. "Finding Your Brand," *AMCIS* Mid-Career Faculty Workshop panel, Puerto Rico, August 13, 2015.
20. "The Brain: Command and Control Center," Bartow County Rotary Club Speaker, Cartersville, GA, December 11, 2014.
21. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," University of Nebraska at Omaha College of Information Science & Technology Roundtable Speaker, Omaha, NE, December 4, 2014.
22. "Assessing Fit of Nontraditional Assistive Technologies," National Resource Center for Adaptive Neurotechnologies at the Wadsworth Center, Albany, NY, November 3, 2014.
23. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," HEC Montréal GReSI, Montreal, Canada, October 24, 2014.
24. "Tools and Techniques in Brain-Computer Interfaces," HEC Montréal Tech3Lab, Montreal, Canada, October 1, 2014.
25. "The Brain: Command and Control Center," Vinings Rotary Club Speaker, Atlanta, GA, May 21, 2014.

26. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," Georgia Gwinnett College's Tech Talk for Women in IT Boot Camp, Lawrenceville, GA, May 14, 2014.
27. Closing Meeting Featured Guest, Southern Polytechnic State University's (SPSU) Society of Women Engineers (SWE), May 2, 2014.
28. "Brain-Computer Interfaces," the International Council on Systems Engineering (INCOSE)-Atlanta Chapter and SPSU's Systems and Mechanical Engineering Department, Marietta, GA, March 13, 2014.
29. Featured panelist for Women in STEM Careers for KSU's 6<sup>th</sup> Annual Women's History Month Commemoration, Kennesaw, GA, March 1, 2014.
30. "The Brain: Command and Control Center," Speaker for TEDxCentennialParkWomen, Atlanta, GA, December 6, 2013.
31. "The Neuroscience of Branding," Breakout Speaker for the Power of the Innovative Journey celebration by the KSU Small Business Development Center (SBDC) GrowSmart/FastTrac Program, Kennesaw, GA, November 6, 2013.
32. "Future of Technology," KSU First-Year Studies Global Challenges Panel, Kennesaw, GA, November 6, 2013.
33. "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.
34. "Thinking Caps: Using Neuro-Methods for Brand Development," KSU Small Business Development Center (SBDC) GrowSmart Seminar, Atlanta, GA, August 9, 2013.
35. "Future of Technology," KSU First-Year Studies Global Challenges Panel, Kennesaw, GA, November 12, 2012.
36. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," Panelist for Senior Scholars Panel, *Gmunden Retreat on NeuroIS*, Gmunden, Austria, June 4, 2013.
37. "Thinking Caps: The Next Breakthrough Technology," Speaker for the University of Washington-Whitewater's CyberGirlz Tech Camp, Virtual, July 25, 2012.
38. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," Kennesaw State University's ScienceTALK Series, Kennesaw, GA, April 12, 2012.
39. "Thinking Caps: The Next Breakthrough Technology," Inaugural speaker for the Atlanta CEO Council 2012 Series, Atlanta, GA, April 2, 2012.
40. "Brain-Computer Interfaces: A New Direction in Human-Computer Interaction," Speaker for Clemson University's Division of Human-Centered Computing A4RC Lecture Series, Clemson, SC, November 29, 2011.
41. "Your Brain: The Ultimate Remote Control," Speaker for TEDxPeachtree at Zoo Atlanta, Atlanta, GA, November 4, 2011.
42. "Netiquette" Round-table discussion leader at the 21<sup>st</sup> Century Leaders' G5! Conference, Atlanta, GA, June 6, 2011.
43. "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.
44. "Becoming a Lifelong Learner," Marietta Mentoring for Leadership Program's Women's Leadership Seminar, Marietta, GA, October 28, 2010.
45. "The paths to becoming a professor," Roundtable discussion leader at the 21st Century Leaders' Winter Leadership Weekend Luncheon, Atlanta, GA, February 5, 2010.
46. "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.
47. "Survival Tips: Perspectives of Recently-Hired Faculty Panel," Panelist for KSU New Faculty Orientation, Kennesaw, GA, August 11, 2009.
48. "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.
49. "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.
50. "Making the Most of Your Leadership Opportunities" and "Netiquette and Business-Related Technology," Panelist and roundtable discussion leader, 21<sup>st</sup> Century Leaders' Winter Leadership Weekend Luncheon, Atlanta, GA, February 6, 2009.
51. "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.
52. "Brain-Computer Interface Systems," Presentation to the *Sandy Bay Alternative School* science class for middle school students, Roatán, Honduras, March 7, 2008.
53. "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.
54. "Information Systems in Today's Business Schools," Panelist at the *African-American Researchers in Computing Sciences (AARCS) Conference*, Auburn, AL, July 20, 2007.

55. "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.
56. "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.
57. "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.
58. "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.
59. "Considerations for Technology Usage by Disabled Users," Presentation to the *Meeting of the Ubiquitous and Pervasive Information Systems (UPIIS) Special Interest Group*, Georgia State University, Atlanta, GA, November 4, 2005.
60. "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.
61. "MIS Breakout Session: The IS Student," Invited Panelist at the *KPMG Ph.D. Project Conference*, Chicago, IL, November 18, 2005 and November 19, 2004.
62. "Assistive Technology," Presentation to *CIS 8389: Graduate Seminar on Brain-Computer Interfaces*, Georgia State University, Atlanta, GA, July 13, 2004.
63. 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).
64. Davis (Randolph), Adriane B., "Book review from: Management Information Systems for the Information Age (4th ed.)," *Information Technology & People*, Vol. 17 Iss. 4, 2004.

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

1. "How BCI Can Inform Information Systems Research: Guidelines to Develop a Neurophysiological Inference Model of an IS Construct," with Élise Labonté-LeMoine and Pierre-Majorique Léger, targeting *CAIS* (A).
2. "Acceptance of NeuroIS Tools in Industry: A Professional Sales Perspective," with Ryan Matthews and Lucy Matthews, targeting *Journal of Personal Selling & Sales Management (JPSSM)* (A).
3. "Intuition and Its Impact on IS Success in Healthcare," with Rebecca L. Quammen, Sweta Sneha, and Joseph Hair, Jr., revising to target *Journal of Global Information Management (JGIM)* (A).
4. "All Caught Up: Using Context-Aware User Profiles to Enhance Communication by Locked-in Persons," with Melody Moore Jackson and Veda Storey, revising to target *Computers and Human Behavior* (B).
5. "Brain-Computer Interfaces as Mental Training Tools to Enhance Motor Skills," with Ashley Ingraham, withdrawn after invitation to revise for *Frontiers for Neuroscience-Neural Technology* (A) due to high publication fees and targeting *Computers and Human Behavior* (B).
6. "Learning What is Top-of-Mind: A Course on Neuro-Information Systems," sole-authored, revising to target the *Journal of Information Systems Education (JISE)* (B).
7. "Finding wholeness and community in the academy: Tales from a sister circle," with Roxanne Donovan et al. (8 additional authors), invited book chapter under review for *The Undivided Life: Faculty of Color Bringing Our Whole Selves to the Academy*.

### **Patent**

- U.S. Serial No. 62/197,812, "Brain-Controlled Interface System and Candidate Optimization," filed on July 21, 2016, patent pending.

### **Funding (Awarded \$340K as a Faculty Member)**

- National Science Foundation (NSF) Improving Undergraduate STEM Education (IUSE) Grant "Collaborative Research: Modeling for the Enhancement of Learning Chemistry (ModEL-C): Measuring cognitive load & impact of modeling activities across the chemistry curriculum," \$183,525 with Dr. Kimberly Cortes, 2017-2020
- Google exploreCSR Grant for Undergraduate Computer Science Research Focused Workshops for Women, with Dr. Ayanna Howard (PI), Professor and Chair of the School of Interactive Computing at Georgia Tech, \$35,000, 2018-2019
- IS Department Faculty Fellow, \$10,000, Summer 2017
- Selected for sponsorship to attend the *Black Women in Computing Conference* by NSF funding to Rice University, 2017



- SunTrust Faculty Fellow, with Dr. Humayun Zafar (PI) for \$10,000, November 2016
- Various Donations from the NeuroX Salon totaling \$1,000, March 2015
- UCB, Inc. in-kind support for inaugural NeuroX Salon of \$2,500, March 2015
- National Institutes of Health (NIH) P41 Resource Center for Adaptive Neurotechnologies at the Wadsworth Center, Service Project Affiliation (\$0), May 2014
- KSU Office of the Vice President for Research (OVPR) Grant to Catalyze External Funding of \$7,033, January 2014
- HEC Montreal, Visiting Professor Grant, \$5,000, September-November 2014
- KSU Coles College of Business Research and Development Committee (RDC) Award of \$4,000, June 2013
- KSU Coles College of Business RDC Award of \$4,000, November 2012
- KSU Coles College of Business RDC Award of \$2,000, June 2012
- KSU Coles College of Business RDC Award of \$2,000, November 2011
- KSU Coles College of Business RDC Award of \$2,000, June 2011
- KSU Coles College of Business RDC Award of \$2,000, November 2010
- KSU Coles College of Business Dean's Office Support for Tobii Glasses Eye-tracking System of \$8,000 (of \$25,000 for the complete system), 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 RDC Award of \$2,600, November 2009
- KSU Coles College of Business RDC Award of \$2,000, July 2009
- KSU Coles College of Business RDC Award of \$2,000, November 2008
- Donated Hitachi fNIR system estimated at \$15,000, August 2008
- KSU Coles College of Business RDC Award of \$4,800, July 2008
- KSU Coles College of Business RDC 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, 2004-07
- KPMG Ph.D. Project Information Systems Doctoral Fellow, 2002-05 & 2006-07

### ***Graduate Students Supervised***

- Jenifer Calvert (Masters of Biochemistry) – Thesis Committee Member, January 2018-Present
- Solome Mekbib (MS HMI) – Graduate Research Assistant, January 2018-Present
- Angela Jackson (DBA IS) – External Reader, November 2016-July 2018
- Kimberly Kammerdiener (Masters of Biochemistry) – Thesis Committee Member, August 2017-May 2018
- Shannon Stefan Bosshard (Ph.D. Psychology, University of Newcastle Australia) – International Examiner, Fall 2016
- James Smith (DBA IS) – Doctoral Advisor, August 2014-July 2016
- Rebecca "Becky" Quammen (DBA IS) – Doctoral Advisor, August 2013-May 2015
- Carole Hollingsworth (DBA IS) – Doctoral Advisor, August 2013-May 2015
- Tiffany Schneider Abera (Masters of Communication) – Graduate Research Assistant, January-December 2013
- Shannon Smith (MSIS) – Graduate Research Assistant, August 2012-May 2013
- Shunkedra Zachary (Masters of Public Writing) – Graduate Research Assistant, August-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***

- Vik Williamson – September 2018-Present
- Demetrius Franklin (Management/IS-Honors) – January 2017-Present
- Matthew Freemyer (Information Security and Assurance) – June 2018
- Aaron Marsh (Finance) – January-May 2016
- Ty Boozen (Marketing and Management) – January-May 2016
- Ryan Turnage (Management) – January-May 2016

- Shekesa McLaurin (Information Systems) – January-May 2015 (co-supervisor)
- Cole Daniel (Economics-Honors) – December 2013-May 2015
- Steve Krantz (Information Systems) – August 2013-June 2014
- Josh Pate (English) – August 2013-June 2014
- Chynna Golding (Biology) – January-May 2014
- Pierce Wilford (Information Systems) – August-December 2013
- Ben Warren (Computer Science/Biology) – May 2012-December 2013
- Lisa Sapp (Information Systems) – January-May 2013
- Edward Birt (Information Systems) – August-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

### **High School Students Supervised**

- Erin Morrow (Kennesaw Mountain HS, STEM Magnet Program) – August-December 2017

### **Honors & Awards (since Last Review)**

- Coles College Competitive Grant Award, February 2018
- Featured on "Impacting Research" interstate billboard at I-75 South and Marietta Loop, May 2017-February 2018
- Featured in *Marietta Daily Journal (MDJ)* article, "State leaders: Distracted driving a factor in more deaths," March 4, 2017
- Featured in Georgia Trend research ad for KSU, January 2017
- Selected to attend the White House Frontiers Conference hosted by President Obama - Personal Track, October 13, 2016
- PhD Project Information Systems Doctoral Students Association (ISDSA) Circle of Compadres Member, August 2016
- Coles College of Business Research Award for "KSU Collaboration", May 2016
- Highest overall teaching evaluations in the Department of Information Systems for Fall 2015, February 2016
- Finalist for KSU Associate Vice President for Research, January 2016
- 11Alive News Feature of "Your Brain on Holiday Shopping" with Kaitlyn Ross, aired December 24, 2015
- 21<sup>st</sup> Century Leaders' Volunteer of the Year, April 2015
- Featured in SREB promotion materials for their Board of Advisors, April 2015
- Featured in the PhD Project advertising for *BizEd* Magazine, March/April 2015
- Featured in article "KSU's BrainLab Partners with Google as 'Early Explorer' of Glass to Help 'Lockedin' Patients" in the KSU *Talon* student magazine, November 2014
- Featured chapter "Unlocking" in the PhD Project book *Paying it Forward - The PhD Project: Creating Tomorrow's Leaders in Business Through Academe*, November 2014
- Online feature in *MakeUseOf*, August 2014
- Online feature in *Glass Almanac*, July 2014
- Online feature in *Neurogadget*, July 2014
- Recognized as the Faculty Honoree for the IS Outstanding Senior, May 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
- Featured in KSU First-Year Studies Global Challenges video series as the expert on Technology, August 2012 & 2013
- Best Reviewer Award by the AIS Special Interest Group for Human-Computer Interaction (SIGHCI), December 2012
- Recognized as the Faculty Honoree for the IS Outstanding Graduate Student, May 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 UVA 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

## Academic Experience

**Kennesaw State University, Associate Professor of Information Systems & Executive Director of the BrainLab**  
Kennesaw, GA August 2013-Present

- Conducting ongoing research as founder and executive director of the KSU BrainLab in the area of brain-computer interfaces (BCIs) and neuro-IS. Utilizing EEG, fNIR, eye-tracking, and skin conductance response techniques and related data analysis tools. Managing graduate and undergraduate researchers. Tracking budget and over \$75,000 worth of equipment. Engaging in federal (NSF, NIH) and private (Google, Shepherd Center) grant applications. Awarded NSF IUSE three-year grant to assess cognitive load of biochemistry learners using biometric tools.
- Cultivating innovation through active engagement with the patent process, interdisciplinary research, cross-campus connections, and local and international communities. Partnered with UCB for international speakers' forum, NeuroX Salon.
- Performing personalized medicine by designing and matching BCIs with locked-in patients for in-home use.
- Discipline Program Coordinator for the IS track of the Doctor of Business Administration (DBA) Program (through January 2016). Advised doctoral students and matched them with dissertation advisors.
- Tenured faculty member teaching undergraduate courses receiving consistently top four in departmental rankings from student evaluations: information systems management (IS 3100), human-computer interaction (IS 3740), and neuro-IS (IS 4490); and taught in the DBA Program: research methods for individual-level of analysis (9001), qualitative methods (9105), IS core course (9601/9602), dissertation design (9902), and career transition (9005).

### HEC-Montreal, Visiting Scholar

Montreal, Canada September 2014-November 2014

- Active neuro-IS research project with the Tech3Lab transferring knowledge of brain-computer interface techniques.
- Scholarly presentations to faculty and doctoral students.
- Mentored post-doctoral scholars.

### Kennesaw State University, Assistant Professor of Information Systems & Director of the BrainLab

Kennesaw, GA August 2007-July 2013

- Conducted research as director of the KSU BrainLab in the area of brain-computer interfaces. Supervised graduate research assistants and undergraduate lab assistants. Facilitated related internships and directed studies titled: "Introduction to Brain-Based Assistive Technologies" and "Advanced Brain-Based Assistive Technologies."
- Founding Discipline Program Coordinator (DPC) for the IS track of the DBA Program (started recruitment in August 2012). Cultivated program curriculum and served on the program executive committee.
- Team leader for Engage KSU's Partnerships and Networks Team, a university-wide, presidential initiative to uncover and track engagement across campus and extend brand awareness to external business and community partners. Led focus groups with the community and internal constituents. Worked with college deans to share shining examples.
- 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 taught *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).



**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 student evaluation scores of 4.5 (fall) and 4.6 (spring) out of 5.0 as a first-year instructor, exceeding departmental averages. Class size averaged forty-three (43) students.

## Industry Experience

**nürltec, President/CEO & Co-Founder**

Atlanta, GA

April 2016-Present

- Providing biomarketing research solutions for organizations to gain more insights about their customers and employees.
- Enhancing feedback for market research and user experiences with neurophysiological tools and techniques.

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

Washington, DC

August 1999-August 2002

- Provided change management consulting and conducted requirements gathering for several 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.
- Participated in annual recruiting at national engineering student conference.

## Service

### *Journal Reviewing*

- *ACM Transactions on Accessible Computing (TACCESS)*
- *AIS Transactions on Human-Computer Interaction (THCI)*
- *Communications of the Association for Information Systems (CAIS)*
- *The DATA BASE for Advances in Information Systems*
- *Decision Sciences*
- *Ergonomics*
- *Frontiers Psychology*
- *Health Systems Journal (HSJ)*
- *IEEE Computer*

- *IEEE Transactions on Neural Systems and Rehabilitation Engineering (TNSRE)*
- *Information Systems Journal (ISJ)*
- *Information Systems Research (ISR)*
- *International Journal of Human-Computer Interaction (IJHCI)*
- *International Journal of Human-Computer Studies (IJHCS)*
- *Journal of the Association for Information Systems (JAIS)*
- *Journal of Management Information Systems (JMIS)*
- *MIS Quarterly (MISQ)*
- *PLOS ONE*

### **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)*
- *(Gmunden) NeuroIS Retreat*
- *Hawaii International Conference on System Sciences (HICSS)*
- *International Conference on Information Systems (ICIS)*
- *International Federation for Information Processing (IFIP) Working Group 8.2*
- *Pacific Asia Conference on Information Systems (PACIS)*
- *Southern Association for Information Systems (SAIS)*

### **Grant Reviewing**

- National Science Foundation Human-Centered Computing Panel

### **Licensures and Certifications**

- Graduate Faculty Status, KSU Graduate College, 2008 - 2020
- Quality Matters for Online Teaching, KSU CETL, August 2008

### **Other Service to the Profession**

- Faculty Mentor for *AMCIS 2017 & 2018 Early-Career Faculty Consortium*
- Treasurer for the *AIS Special Interest Group on Social Inclusion (SIGSI)*, 2016-Present
- Program Co-Chair for the *(Gmunden) NeuroIS Retreat 2012-Present (7 years to-date)*
- Co-Organizer for *AMCIS 2016 Mid-Career Workshop*
- Co-Leader for *HICSS-49 "Cognitive Foreshadowing: Next Steps in Applying Neuroscience and Cognitive Science (NCS) to Information Systems Research" Symposium, 2016*
- Associate Editor for *ICIS 2015 "Exploring the Information Frontier" Track*
- Program Co-Chair for *AIS SIGHCI Pre-ICIS Workshop 2015*
- Panelist for *Mid-Career Faculty Workshop at AMCIS 2015*
- Participating Faculty Mentor in the *AMCIS 2013 Doctoral Consortium*
- Associate Editor for *JAIS Neuro-IS Special Issue in 2013*
- Textbook review of *Using MIS (3<sup>rd</sup> edition)* by David Kroenke for Pearson Prentice Hall, 2011

### **University Activities (all KSU unless otherwise indicated)**

- Department of IS Honors Liaison (Appointed), August 2018-Present
- Coles College Strategic Planning Committee (SPC) (Elected), August 2017-Present (May 2020)
- Coca Cola Scholarship Committee (Appointed Member of Inaugural Selection Panel), Spring 2018
- Department of Information Systems Faculty Review Committee (DFRC) (Elected), August 2013-May 2014 & August 2017-May 2018
- Supervisor of high school intern, September-December 2017

- Coles College Faculty Review Committee (CFRC) (Elected – Secretary, Member), August 2015-May 2017
- Department of IS Faculty Council (DFC) (Elected – Secretary, Member, Chair), August 2011-May 2013, September 2013-May 2014, & August 2014 - May 2017
- Discipline Program Coordinator (DPC) for the Coles College of Business DBA Program IS Track (Inaugural, Appointed), Pre-planning starting October 2011, August 2012-January 2016
- Panelist for New Faculty Orientation (Invited), August 2009 & 2014
- Search Committee Chair for Chair of the Department of IS (Appointed), May 2013-March 2014
- Coles College of Business Library Committee (Elected), July 2011-May 2013
- Poster judge for CETL's Annual Undergraduate Research Symposium, April 2013, 2016
- Filmed for feature in Admissions Video, September 2012
- Team Leader for Presidential initiative, Engage KSU's Partnerships and Networks Team (Appointed), May 2011-May 2012
- Search Committee Member for Chair of the Department of IS (Appointed), July 2011-February 2012
- University-Level Scholarship Committee (Appointed), January 2011-January 2012
- Department of IS Promotion & Tenure Planning Workgroup, Spring 2011
- BISM 3100 Course Coordinator (Appointed), August 2010-July 2011
- School of Accountancy Scholarship and Award Committee (Appointed), January 2010-May 2011
- Business, Culture, and Society Series Steering Committee for "The Global Consumer" (Appointed), June 2008-May 2010
- Japanese Special Interest Group, Fall 2009
- Search Committee for Lecturer of IS and Online BBA Program Director (Appointed), Spring 2009

### ***Community Activities***

- KPMG PhD Project Information Systems Doctoral Students Association (ISDSA), Faculty Advisor, 2018-Present
- Career Day Presenter, Teasley Elementary, 2017-Present
- Health Connect South, Advisory Board Member, 2013-Present
- UVA Walter N. Ridley Scholarship Committee, Member, 2009-Present
- 21<sup>st</sup> Century Leaders, Judge, Coach, Presenter, and Advisory Member, 2008-Present
- KPMG PhD Project ISDSA, Presenter, 2007-Present (Various Years)
- UVA Black Alumni Club of Atlanta, Member, 2006-Present
- UVA Alumni Admission Network (VAAN), Recruiting Volunteer for Underrepresented Minority Students, 2005-Present
- Science Fair Judge, Teasley Elementary, 2017
- Elite Women of Excellence (EWOE), Workshop Facilitator, 2015
- Health Connect South, Conference Facilitator, 2014
- UVA Jefferson Scholars, First-Round Regional Interviewer, 2009-2011 & 2014-2015
- UVA Judge of the Atlantic Coast Conference Inter-University Academic Collaborative (ACCIAC) Fellows in Creativity and Innovation Award, 2010-2012
- KPMG PhD Project ISDSA, Faculty Advisor, 2009-2012
- UVA Young Alumni Council, Member, 2009-2010
- UVA Class of 1999 Reunions Fundraising Committee, Member, 2008-2009
- Pro-bono 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

### ***Professional Memberships***

- Council on Undergraduate Research (CUR), Member, 2016-Present
- Brain-Computer Interface (BCI) Society, Founding Member, 2015-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