

Justus J. Randolph

Mercer University
Georgia Baptist College of Nursing
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EDUCATION

- Utah State University**, Logan, UT **2007**
PhD in education research & evaluation
Dissertation: [*Computer science education research at the crossroads: A methodological review of the computer science education research: 2000-2005*](#)
- Utah State University**, Logan, UT **2007**
Educational administration/supervision certification
- Framingham State College**, Framingham, MA **2001**
MEd in international education
Thesis: *The effects of response cards on participation and academic achievement: A systematic replication with Polish students in the EFL classroom*
- Hawthorne University**, Salt Lake City, UT **1998**
Teaching of English as a Foreign Language Certificate
- Weber State University**, Ogden, UT **1998**
BIS in English, art history, and philosophy

TEACHING/ADMINISTRATION EXPERIENCE

- Mercer University**
- | | |
|---|-----------------------|
| Associate Professor with Tenure, Georgia Baptist College of Nursing | 2018 - Present |
| Associate Professor with Tenure, Tift College of Education | 2014-2018 |
| Assistant Professor (tenure track), Tift College of Education | 2010-2014 |

EDCI 807. Foundations of Educational Research.
EDCI 811. Quantitative Research Methodology.
EDCI 817. Doctoral Seminar Two.
EDCI 813. Advanced Inferential Statistics.

EDCI 841. Curriculum Evaluation and Design.
EDCI 843. Doctoral Seminar IV.
EDCI 851. Advanced Research Methods.
EDCI 875. Doctoral Seminar Six.
EDCI 880. Dissertation.
EDCI 899. Special Topics in Curriculum and Instruction.
EDEL 810. Seminar in Research Methodology.
EDEL 813. Advanced Inferential Statistics
EDEL 897. Independent Study and Research.
EDEL 899. Dissertation Seminar.
EDUC 603. Teacher Leadership and School Philosophy.
EDUC 690. Introduction to Educational Research.
EDUC 698. Research Project in Education.
EDUC 731. Research for the Accomplished Teacher.
EDUC 790. Research for Practitioners.
EMAT 689. Research Capstone.
NUR 809. Mixed-Methods Research in Nursing, Education, and Healthcare
NUR 823. Applied Statistics and Measurement I
NUR 824. Applied Statistics and Measurement II
NUR 828. Advanced Data Management in Research

Finlandia University, Department of Education, Hancock, MI
Assistant Professor (tenure track), IRB Chair, University Supervisor.

2008-2010

EDU101. Foundations of Education.
EDU201. Educational Psychology.
EDU202. Digital Portfolio.
EDU203. Digital Technologies and Applications for Teachers.
EDU421. Education, Media, and Technology.
EDU498. Student Teaching Internship.
EDU499. Student Teaching Seminar.

Walden University, Minneapolis, MN
Contributing Faculty

2008-2013

RSCH8100. Research, Theory, Design, and Methods.
EDUC8438. Quantitative Research in Education.
RSCH7100. Research Forum.
EDUC8090. Doctoral Study Intensive.

University of Eastern Finland, Department of Computer Science and Statistics
Planning Officer, PhD Program in Educational Technology

2003 – 2007

Scholarly Communication.
Scientific Writing for Computer Scientists.
Independent Projects in Program Evaluation.

Updated 8.27.2018

Mount Logan Middle School, Logan, UT **2003**
Intern Principal

Hillcrest Elementary School, Logan, UT **2003**
Intern Principal

Utah State University, Department of Psychology, Logan, UT **2001-2003**
Teaching Assistant

Measurement, Design, and Analysis II
Introduction to Education Research
Introduction to Program Evaluation
Proposal Development

American Academy of English/Kaplan, Chęstochowa, Poland **1998 – 2001**
English and Test Preparation Instructor

RESEARCH AND EVALUATION EXPERIENCE

Center for Evaluation and Applied Research, **2013-Present**
Mercer University, Atlanta, GA
Consultant

Educational Consulting Services, Atlanta, GA **2010-Present**
Grant Writer, Program Evaluator, Data Analyst

College of Pharmacy, Mercer University, Atlanta, GA **2010-Present**
Statistical and Psychometric Consultant

University of Lapland, Faculty of Education, Rovaniemi, Finland **2008**
Researcher

HAMK University of Applied Sciences, E-learning Centre, Hämeenlinna, Finland **2007**
Researcher

Worldwide Institute of Research and Evaluation, Logan, UT **2003**
Evaluation Consultant

Utah State University, Department of Psychology, Logan, UT **2001 – 2003**
Graduate Research Assistant

PUBLICATIONS

Books

Randolph, J. J. (2008). *Computer science education research at the crossroads: A methodological review of the computer science education research*. Saarbrücken, Germany: VDM Verlag.

Randolph, J. J. (2007). *Multidisciplinary methods in educational technology research and development*. Hämeenlinna, Finland: Häme University of Applied Science Press.
[Retrieved from http://www.theseus.fi/bitstream/handle/10024/96927/HAMK_Multidisciplinary_Methods.pdf](http://www.theseus.fi/bitstream/handle/10024/96927/HAMK_Multidisciplinary_Methods.pdf)

Peer-reviewed journal publications

Cirocchi, R., Afshar, S., Shaban, F., Nascimbeni, R., Vettoreto, Saverio, S. D., Randolph, J., Zago, M., Chiarugi, M., & Binda, G. A. (2018). Perforated sigmoid diverticulitis: Hartman's procedure or research with primary anastomosis—a systematic review and meta-analysis of randomized control trials. *Techniques in Coloproctology* Advanced online publication. [doi:10.1007/s10151-018-1819-9](https://doi.org/10.1007/s10151-018-1819-9)

Vettoreto, N., Reggiani, L., Cirocchi, R., Henry, B. M., Covarelli, P., D'Andrea, Popivanov, G., & Randolph, J. (2018). Three-dimensional versus two-dimensional laparoscopic right colectomy: A systematic review and meta-analysis. *International Journal of Colorectal Disease*. Advance online publication. [doi:10.1007/s00384-018-3121-8](https://doi.org/10.1007/s00384-018-3121-8)

Cirocchi, R., Di Saverio, S., Weber, D. G., Tabola, R., Abraha, I., Randolph, J., Arezzo, A., & Binda, G. A. (2017). Laparoscopic lavage versus surgical resection for acute diverticulitis with generalised peritonitis: A systematic review and meta-analysis. *Techniques in Coloproctology*, 21(2), 93-110. [doi:10.1007/s10151-017-1585-0](https://doi.org/10.1007/s10151-017-1585-0)

Cirocchi, R., Henry, B. M., Urbani, L., Tomaszewski, K. A., Randolph, J. J., Palumbo, P., Lancia, M. (2017). Anatomical variation of inguinal nerves. *PROSPERO International Prospective Register of Systematic Reviews*.

Cirocchi, R., Georgi, P., Mutafchyski, V. M., Boccolini, A., Randolph, J. R., Massimo, L., & Carlini, L. (2017). Negative pressure wound therapy versus healing by secondary intention in pressure ulcers. *Negative Pressure Wound Therapy Journal*, 4(2), 4-10. [doi:10.18487/npwtj.v4i2.35](https://doi.org/10.18487/npwtj.v4i2.35)

Kangas, M., Hyvönen, P., Randolph, J. J., & Ruokamo, H. (2017). Teachers' engagement and students' satisfaction with a playful learning environment. *Teaching and Teacher Education*, 63, 274-284. [doi:10.1016/j.tate.2016.12.018](https://doi.org/10.1016/j.tate.2016.12.018)

- Randolph, J. J., & Prejean-Harris, R. (2017). The negative consequences of using percent of free and reduced lunch as a measure of poverty in schools: The case of the State of Georgia. *Child Indicators Research*, 10(2), 461-471. [doi:10.1007/s12187-016-9391-1](https://doi.org/10.1007/s12187-016-9391-1)
- Tabola, R., Cirocchi, R., Fingerhut, A., Arezzo, A., Randolph, J., Grassi, V., Binda, G.A., D'Andrea, V., Abraha, I., & Popivanov, G. (2017). A systematic analysis of controlled clinical trials using the NiTi CAR™ compression ring in colorectal anastomoses. *Techniques in Coloproctology*, 21(3), 177-184. [doi: 10.1007/s10151-017-1583-2](https://doi.org/10.1007/s10151-017-1583-2)
- Tamburrino, D., Partelli, S., Renzi, C., Crippa, S., Muffatti, F., Perali, C., Parisi, A., Randolph, J., Fusai, G. K., Cirocchi, R., & Falconi, M. (2017). Systematic review and meta-analysis on laparoscopic pancreatic resections for neuroendocrine neoplasms (PNETs). *Expert Review of Gastroenterology & Hepatology*, 11(1), 65-73. [doi:10.1080/17474124.2017.1253473](https://doi.org/10.1080/17474124.2017.1253473)
- Crawford, L., Randolph, J. J., & leigh-walls rosenstein, d. (2016). Provisional admission and other predictors of attrition in a graduate program of education. *Journal of Teaching and Teacher Education*, 4(2), 113-119.
- Crippa, S., Cirocchi, R., Randolph, J. J., Partelli, S., Belfiori, G., Piccioli, A., Parisi, A., & Falconi, M. (2016). Pancreaticojejunostomy is comparable Pancreaticgastrostomy to after pancreaticoduodenectomy: An updated meta-analysis of randomized control trials. *Langenbeck's Archives of Surgery*. [doi:10.1007/s00423-016-1418-z](https://doi.org/10.1007/s00423-016-1418-z)
- Partelli, S., Cirocchi, R., Randolph, J. J., Parisi, A., Coratti, A., & Falconi, M. (2016). A systematic review and meta-analysis of spleen-preserving distal pancreatectomy with preservation or ligation of the splenic artery and vein. *The Surgeon*. [doi: 0.1016/j.surge.2015.11.002](https://doi.org/10.1016/j.surge.2015.11.002)
- Randolph, J. J., Bryson, A., Devon, L., Michaels, S. E., leigh-walls rosenstein, d., & McPherson, W. (2016). Montessori education for improving academic and behavioral outcomes among elementary students (Protocol). *Campbell Systematic Reviews*. Retrieved from <https://campbellcollaboration.org/library/montessori-education-for-improving-academic-and-behavioral-outcomes-among-elementary-students.html>
- Randolph, J. J., Kangas, M., Ruokamo, H., & Hyvönen, P. (2016). Academic achievement and creative and playful learning on technology-enriched playgrounds: An international investigation. *Interactive Learning Environments*, 24(3), 409-422. [doi:10.1080/10494820.2013.860902](https://doi.org/10.1080/10494820.2013.860902)
- Arezzo, A., Cochetti, G. G., Cirocchi, R., Randolph, J. J., Mearinin, A. A., & Passera, R. (2015). Transperitoneal versus retroperitoneal laparoscopy adrenalectomy for adrenal tumors in adults (protocol). *Cochrane Database of Systematic Reviews* (4). Art No. CD011668. [doi: 10.1002/14651858.CD011668](https://doi.org/10.1002/14651858.CD011668)

- Cirocchi R., Trastulli S., Randolph J., Guarino S., Di Rocco G., Arezzo A., D'Andrea V., Santoro A., Barczyński M., & Avenia, N. (2015). Total or near-total thyroidectomy versus subtotal thyroidectomy for multinodular non-toxic goiter in adults. *Cochrane Database of Systematic Reviews* (8). Art. No.: CD010370. [doi:10.1002/14651858.CD010370.pub2](https://doi.org/10.1002/14651858.CD010370.pub2)
- Vettoreto, N., Mellini, M., Cirocchi, R., Randolph, J. J., & Morino, M. (2015). Acute appendicitis can be treated with single-incision laparoscopy: A systematic review of randomized control trials. *Colorectal Disease*, 17(4), 281-298. [doi: 10.1111/codi.12839](https://doi.org/10.1111/codi.12839)
- Cirocchi, R., Cochetti, G., Randolph, J. J., Listorti, C., Castellani, E., Renzi, C., Mearini, E., & Fingerhut, A. (2014). Laparoscopic treatment of colovesical fistulas due to complicated diverticular disease: A systematic review. *Techniques in Coloproctology*, 18(10), 873-885. [doi: 10.1007/s10151-014-1157-5](https://doi.org/10.1007/s10151-014-1157-5)
- Cirocchi, R., Randolph, J. J., Montedori, A., Cochetti, G. G., Arezzo, A., Mearini, A. A., Abraha, I., & Trastulli, S. (2014). Staples versus sutures for surgical wound closure in adults (protocol). *Cochrane Database of Systematic Reviews* (8). Art No. CD011250. [doi: 10.1002/14651858.CD011250](https://doi.org/10.1002/14651858.CD011250)
- Crawford, L., Yob, I., & Randolph, J. J. (2014). Theoretical development, factorial validity, and reliability of the Online Graduate Mentoring Scale. *Mentoring & Tutoring: Partnership in Learning*, 22(1), 20-37. [doi: 10.1080/13611267.2014.882603](https://doi.org/10.1080/13611267.2014.882603)
- Randolph, J. J., DeWeese, S. V., Manuel, A. K., Baugher, G. A., Tessmer, K. A., Westbrook, A. F., Shoats, S. M. L., Balloun, J., & Crawford, L. (2014). Page length and methodological characteristics of recently published doctoral dissertations. *Georgia Educational Researcher*, 11(2), 46-48. Retrieved from <http://digitalcommons.georgiasouthern.edu/gerjournal/vol11/iss2/2>
- Randolph, J. J., Falbe, K., Manuel, A. K., & Balloun, J. (2014). A step-by-step guide to propensity score matching in R. *Practical Assessment Research and Evaluation*, 19(18), 1-5. Retrieved from <http://pareonline.net/getvn.asp?v=19&n=18>
- Ross, P., & Randolph, J. J. (2014). Differences between students with and without ADHD on task vigilance under conditions of distraction. *Journal of Educational Research and Practice*, 4(1), 1-10. Retrieved from <http://www.publishing.waldenu.edu/jerap/vol4/iss1/1/>
- Vettoreto, N., Cirocchi, R., Randolph, J. J., Parisi, A., Farinella, E., & Romano, G. (2014). Single incision laparoscopic right colectomy: A systematic review and meta-analysis. *Colorectal Disease*, 16(4), O123 – O132. [doi: 10.1111/codi.12526](https://doi.org/10.1111/codi.12526)
- Randolph, J. J., & Crawford, L. M. (2013). Factorial validity and reliability of the Sense of Community in Online Courses Scale, 12(2), 54-71. *Journal of Interactive Online Learning*. Retrieved from <http://www.ncolr.org/jiol/issues/pdf/12.2.2.pdf>

- Randolph, J. J., Griffin, A. E., Zeiger, S. R., Falbe, K. N., Freeman, N. A., Taylor, B. E., Westbrook, A. F., Lico, C. C., Starling, C. N., Sprull, N. M., Holt, C., Smith, K., & McAnespie, H. (2013). A methodological review of the articles published in *Georgia Educational Researcher* from 2003-2010. *Georgia Educational Researcher*, 10(1), 1-18. Retrieved from http://www.gaera.org/ger/v10n1_2013/N1_SP13_Randolph_et_al.pdf
- Randolph, J. J., Gaiek, L. S., White, T. A., Slappey, L. A., Chastain, A., Prejean-Harris, R., & Hansard, C. (2012). A quantitative content analysis of Mercer University M.Ed, Ed.S, and doctoral theses. *Georgia Educational Researcher*, 9(1), 81-96. Retrieved from http://www.gaera.org/ger/v9n1_2012/No6_FALL_12_Randolph_et_al.pdf
- Randolph, J. J., Kangas, M., & Ruokamo, H. (2010). Predictors of Dutch and Finnish students' satisfaction with schooling. *Journal of Happiness Studies*, 11(22), 193-204. [doi:10.1007/s10902-008-9131-4](https://doi.org/10.1007/s10902-008-9131-4)
- Randolph, J. J. (2009). A guide to writing the dissertation literature review. *Practical Assessment, Research & Evaluation*, 14(13). Retrieved from <http://pareonline.net/pdf/v14n13.pdf>
- Randolph, J. J., Kangas, M., & Ruokamo, H. (2009). The preliminary development of the Children's Overall Satisfaction with Schooling Scale (COSSS). *Child Indicators Research*, 2(1), 79-93. [doi:10.1007/s12187-008-9027-1](https://doi.org/10.1007/s12187-008-9027-1)
- Randolph, J. J., Julnes, G., & Sutinen, E. (2009). Trends, tribes, and territories in computer science education research. *Journal for Computing Teachers*. Retrieved from http://www.iste.org/Content/NavigationMenu/Membership/SIGs/SIGCS_Computer_Science/JCTJournalforComputingTeachers/PastIssues/2009/Spring/randolph_trends.pdf
- Randolph, J. J. (2008). A methodological review of the program evaluations in K-12 computer science education. *Informatics in Education*, 7(2), 237-258. Retrieved from http://www.mii.lt/informatics_in_education/htm/INFE125.htm
- Randolph, J. J., Julnes, G., Lehman, S., & Sutinen, E. (2008). A methodological review of computer science education research. *Journal of Information Technology Education*, 7, 135-162. Retrieved from <http://jite.org/documents/Vol7/JITEv7p135-162Randolph322.pdf>
- Randolph, J. J., & Bednarik, R. (2008). Publication bias in the computer science education literature. *Journal of Universal Computer Science*, 14(4), 175-189. Retrieved from http://www.jucs.org/jucs_14_4/publication_bias_in_the
- Randolph, J. J. (2007). Meta-analysis of the effects of response cards on student achievement, participation, and intervals of off-task behavior. *Journal of Positive Behavior Interventions*, 9(2), 113-128. [doi:10.1177/10983007070090020201](https://doi.org/10.1177/10983007070090020201)

- Randolph, J. J., Julnes, G., Bednarik, R., & Sutinen, E. (2007). A comparison of the methodological quality of articles in computer science education journals and conference proceedings. *Computer Science Education*, (17)4, 263-274. [doi:10.1080/08993400701483517](https://doi.org/10.1080/08993400701483517)
- Randolph, J. J. (2007). What's the difference, still? A follow-up critique of the contemporary quantitative research methodology in distance learning. *Informatics in Education*, 6(1), 179-188. Retrieved from http://www.mii.lt/informatics_in_education/htm/INFE070.htm
- Randolph, J. J., & Eronen, P. J. (2007). Developing the Learning Door: A case study in youth participatory program planning. *Evaluation and Program Planning*, 30(1), 55-65. [doi:10.1016/j.evalprogplan.2006.06.004](https://doi.org/10.1016/j.evalprogplan.2006.06.004)
- Randolph, J. J., & Eronen, P. J. (2007). Program and evaluation planning light: Planning in the real world. *Informatics in Education*, 6(1), 189-196. Retrieved from http://www.mii.lt/informatics_in_education/htm/INFE105.htm
- Randolph, J. J., Virnes, M., Jormainen, I., & Eronen, P. J. (2006). The effects of a computer-assisted interview tool on data quality. *Educational Technology & Society*, 9(3), 195-205. Retrieved from http://www.ifets.info/journals/9_3/17.pdf
- Randolph, J. J., & Edmondson, R. S. (2005). Using the Binomial Effect Size Display (BESD) to present the magnitude of effect sizes to the evaluation audience. *Practical Assessment, Research & Evaluation*, 10(14). Retrieved from <http://pareonline.net/pdf/v10n14.pdf>
- Randolph, J. J. (2005). Teacher and student satisfaction with response cards: A case study in the Finnish as a foreign language classroom. *Journal of Language and Learning*, 3(1), 53-66. Retrieved from http://www.shakespeare.uk.net/journal/jllearn/3_1/randolph.pdf
- Randolph, J. J. (2005). Teaching EFL students about the use of non-biased language. *Journal of Language and Learning*, 3(2), 261-267. Retrieved from http://www.shakespeare.uk.net/journal/jllearn/3_2/randolph.pdf

Book chapters

- Randolph, J. J., & Edmondson, R. S. (2012). Using the Binomial Effect Size Display (BESD) to present the magnitude of effect sizes to the evaluation audience. In R. B. Bausell (Ed.). *Healthcare Evaluation (Vol. 3)* [Fundamentals of Applied Research Series] (pp. 323-330). London, United Kingdom: Sage. (Reprinted from *Practical Assessment, Research & Evaluation*, 10(14), 2005)
- Randolph, J. J., Rogers, P. C., Kakkonen, T., Myller, N., & Bednarik, R. (2009). Emerging technologies for educational evaluation. In M. Ortiz & C. Rubio (Eds.) *Educational evaluation: 21st century issues and challenges* (pp. 417-442). Hauppauge, NY: Nova.

- Bednarik, R., & Randolph, J. (2008). Studying cognitive processes in computer program comprehension. In R. I. Hammoud (Ed.), *Passive eye monitoring: Algorithms, applications and experiments* (pp. 372-386). Berlin, Germany: Springer-Verlag.
- Randolph, J. J. (2007). Factors influencing methods choice in educational technology research. In B. Tamrakar (Ed.), *Modern approaches to digital learning: DLL project's results* (pp. 21-47). Hämeenlinna, Finland: HAMK Press.
- Randolph, J. J., Virnes, M., & Eronen P. J. (2005). A model for designing and evaluating teacher training programs in technology education. In J-P.Courtiat, C., Davarakis, & T. Villemur (Eds.), *Technology enhanced learning* (pp. 69-79). New York, NY: Springer.
[doi:10.1007/0-387-24047-0_6](https://doi.org/10.1007/0-387-24047-0_6)

Book reviews

- Randolph, J. J. (2018, March) [Review of the book *The science of computing: Shaping a discipline*]. *ACM Inroads*, 9(1), 8-9. [doi: 10.1145/3177880](https://doi.org/10.1145/3177880)
- Randolph, J. J. (2007). [Review of the book *Writing and Presenting Research*]. *Journal of Scholarly Publishing*, 38(3), 174-179.

Non-peer-reviewed publications

- Randolph, J. J. (2007). Findings from "A Methodological Review of the Computer Science Education Research: 2000-2005." *SIGCSE Bulletin*, 39(4), 130.
- Randolph, J. J. (2007). Planning and evaluating programs in computer science education. *SIGCSE Bulletin*, 39(4), 131.
- Randolph, J. J. (2005, January). Teaching English as a foreign language students about nonbiased language. *Yours Truly 2005: Annual Bulletin of the Association of Teachers of English in Finland*, 16-17.

Papers published in peer-reviewed conference proceedings

- Duveskog, M., Vesisenaho, M., Randolph, J., & Sutinen, E. (2010). Beyond taboos: Expressing HIV/AIDS attitudes through contextualized learning technology. In J. Sanchez & K. Zhang (Eds.), *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2010* (pp. 68-73). Chesapeake, VA: AACE. [Retrieved from http://www.editlib.org/p/35512](http://www.editlib.org/p/35512)
- Randolph, J. J., & Kangas, M. (2008). A scale for measuring sense of community in online courses: Preliminary psychometric results, predictors of course satisfaction, and predictors of sense of community. In J. Viteli & S. Kaupinmäki (Eds.), *Tuovi 6: Interaktiivinen tekniikka koulutuksessa 2008-konferenssin tutkijatapaamisen artikkelit [Proceedings of the Scholars' Meeting at the Interactive Technology in Education*

Conference 2008]. Hypermedia Laboratory Net Series 19 (pp. 94-118). Tampere, Finland: Tampere University Press. Retrieved from <http://tampub.uta.fi/tup/978-951-44-7463-7.pdf>

Randolph, J. J., Bednarik, R. & Myller, N. (2005). A methodological review of the articles published in the proceedings of Koli Calling 2001-2004. In *Proceedings of the 5th Annual Finnish / Baltic Sea Conference on Computer Science Education* (pp. 103-109). Helsinki, Finland: Helsinki University of Technology Press. Retrieved from http://justusrandolph.net/articles/koli_review.pdf

Randolph, J. J. (2005). A quantitative synthesis of the research on response cards on participation, academic achievement, behavioral disruptions, and student preference. In M-L. Julkunen (Ed.), *Bulletins of the Faculty of Education, No. 96. Learning and Instruction in Multiple Contexts and Settings: Proceedings of the Fifth Joensuu Symposium on Learning and Instruction* (pp. 149-165). Joensuu, Finland: University of Joensuu Press. Retrieved from http://justusrandolph.net/articles/julis_rc.pdf

Randolph, J. J., Bednarik, R., Silander, P., Lopez-Gonzalez, J., Myller, N., & Sutinen, E. (2005). A critical review of research methodologies reported in the full papers of ICALT 2004. In *Proceedings of the Fifth International Conference on Advanced Learning Technologies* (pp. 10-14). Los Alamitos, CA: IEEE Press. Retrieved from http://ieeexplore.ieee.org/xpls/abs_all.jsp?isnumber=32317&arnumber=1508593&count=303&index=4

Randolph, J. J., & Hartikainen, E. (2005). A review of resources for K-12 computer-science-education program evaluation. In *Yhtenäistyvät vai erilaistuvat oppimisen ja koulutuksen polut: Kasvatustieteen päivien 2004 verkkojulkaisu [Electronic Proceedings of the Finnish Research Days Conference 2004]* (pp. 183-193). Joensuu, Finland: University of Joensuu Press.

Randolph, J. J. (2004). Guidelines for reducing language bias in the computing sciences: Lessons learned from a sister science. In *Proceedings of the 4th Annual Finnish / Baltic Sea Conference on Computer Science Education* (pp. 161-163). Helsinki, Finland: Helsinki University of Technology Press. Retrieved from <http://www.cs.hut.fi/u/archie/koli04/TKOA42.pdf>

Software

Randolph, J. J. (2008). *Online Kappa Calculator* [Online software]. Retrieved from <http://justus.randolph.name/kappa>

Presentations and conference papers

- Abbey, T. L., Carr, S. B., & Randolph, J. J. (2016, April). *Georgia Educational Research Association. An experimental design exploring the functional relationship between tn-task behavior and concrete math manipulatives*. Paper presented at the annual meeting of American Education Research Association, Chicago, IL, (State and Regional Educational Research Associations: Distinguished Paper Award).
- Randolph, J. J., & Prejean-Harris, R. (2015, April). *The Negative Consequences of Using Percent of Free and Reduced Lunch as a Measure of Poverty in Schools: The Case of the State of Georgia*. Paper presented at the annual meeting of American Education Research Association, Chicago, IL, (State and Regional Educational Research Associations: Distinguished Paper Award).
- Randolph, J. J., & Prejean-Harris, R. (2014, October). *The Negative Consequences of Using Percent of Free and Reduced Lunch as a Measure of Poverty in Schools: The Case of the State of Georgia*. Paper presented at the annual meeting of Georgia Educational Research Association, Savannah, GA (Distinguished Paper Award). [doi: 10.13140/2.1.4342.0167](https://doi.org/10.13140/2.1.4342.0167)
- Randolph, J. J., Falbe, K., & Manuel A. K. (2014, April). *A practitioner's guide to propensity score matching*. Paper presented at the Mercer University Atlanta Research Conference, Atlanta, GA.
- Lawrence, R., Balloun, J., Brackett, C., Bush, L., Paille, E., Hall, J., Hathaway A., Knorr, R., Payne, J., Randolph, J. J., & Rascoe, B. (2013, April). *Lessons learned in higher education assessment: Factorial validity and reliability of the Program Exit Survey*. Presentation given at the Mercer University Atlanta Research Conference, Atlanta, GA.
- Randolph, J. J., & rosenstein, d. l. w. (2013, February). *The Playful Learning Lesson Plan Exchange: Merging content learning and play*. Presentation given at the U.S. Play Coalition's Conference on the Value of Play, Clemson, SC.
- Ross, P., Sliger, B., & Randolph, J. J. (February, 2013). *Task vigilance as a measure of differences in achievement and behavioral response to distraction in the classroom*. Paper presented at the annual meeting of the Eastern Educational Research Association Conference, Sarasota, FL.
- Sliger, B., Scott-Simmons, W., Ross, P., Randolph, J. J., Gyagenda, I., Hall, J., & Lawrence, R. (2013, February). *The development of a performance-based teacher leadership program: A two-year journey*. Presentation given at the annual meeting of the Eastern Educational Research Association Conference, Sarasota, FL.
- Randolph, J. J., DeWeese, S. V., Manuel, K. A., Baugher, G. A., Tessmer, K. A., Westbrook, A. F., & Shoats, S. M. L. (October, 2012). *Page length and methodological characteristics of education-related dissertations published in 2011*. Paper presented at the annual meeting of Georgia Education Research Association, Savannah, GA.

- Randolph, J. J., & Gyagenda, I. S. (October, 2012). *Rasch analysis for teachers: A practical method for differentiating instruction and improving classroom assessments*. Paper presented at the annual meeting of Georgia Education Research Association, Savannah, GA.
- Randolph, J. J., & rosenstein, d. l. w. (October, 2012). *Provisional admission and other predictors of attrition in a graduate program in education*. Paper presented at the annual meeting of Georgia Education Research Association, Savannah, GA.
- Randolph, J. J., & Crawford, L. (2012, April). *Preliminary validity of the Sense of Community in Online Courses Scale*. Paper presented at the annual meeting of American Education Research Association, Vancouver, Canada.
- Rosenstein, D. L. W., & Randolph, J. J. (2012, February). *No graduate student left inside: Play in the graduate curriculum*. Presentation given at the U.S. Play Coalition's Conference on the Value of Play, Clemson, SC.
- Hansard, C., Randolph, J. J., & Crawford, L. (2011, October). *Sense of community in online courses: Examining recent research*. Paper presented at the annual meeting of the Georgia Education Research Association, Savannah, GA.
- Randolph, J. J., Griffin, A. E., Zeiger, S. R., Falbe, K. N., Freeman, N. A., Taylor, B. E., Westbrook, A. F., Lico, C. C., Starling, C. N., Sprull, N. M., Holt, C., Smith, K., & McAnespie, H. (2011, October). *A methodological review of the articles published in Georgia Educational Researcher from 2003-2010*. Paper presented at the annual meeting of the Georgia Education Research Association, Savannah, GA. Retrieved from ERIC Database. ([ED525514](#))
- Tillotson, R., Randolph, J. J., Stramiello, A., Berry, T., & McNeese, M. (2011, October). *PhD candidate workshop*. Presentation given at the annual meeting of the Georgia Educational Research Association, Savannah, GA.
- DeWeese, S. V., & Randolph, J. J. (2011, February). *Effective use of correctives in mastery learning*. Paper presented at the Association of Teacher Educators' National Conference, Orlando, FL. Retrieved from ERIC Database. ([ED523991](#))
- Kangas, M., Randolph, J. J., & Ruokamo, H. (2010, November). *An international investigation into playful learning environments and academic achievement*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Randolph, J. J., Gaiek, L., White, T., Slappey, L., Chastain, A., & Prejean-Harris, R. (2010, October). *A quantitative content analysis of Mercer University MEd, EdS, and doctoral theses*. Paper presented at the annual meeting of the Georgia Education Research Association, Savannah, GA. Retrieved from ERIC Database. ([ED513737](#))

- Kangas, M., Randolph, J. J., & Ruokamo, H. (2009, April). *An international mixed-method investigation into student satisfaction with playful learning environments*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Randolph, J. J. (2008, May). *Reliability in video research: A practitioner-oriented guide to understanding, calculating, and reporting interrater agreement using kappa*. Presentation given at the Cicero Learning Video Research Seminar: Insights and Challenges in Video Research, Helsinki, Finland.
- Randolph, J. J. (2007, October). *Twenty questions to methods choice*. Presentation given at the Digital Learning Lab eLearning Research Seminar, Hämeenlinna, Finland.
- Randolph, J. J. (2007, June). *Findings from "A methodological review of the computer science education research: 2000-2005."* Paper presented at the Twelfth Annual Conference on Innovation and Technology in Computer Science Education (ITiCSE 2007), Dundee, Scotland.
- Randolph, J. J. (2007, June). *Planning and evaluating programs in computer science education*. Paper presented at the Twelfth Annual Conference on Innovation and Technology in Computer Science Education (ITiCSE 2007), Dundee, Scotland.
- Randolph, J. J. (2005, October). *Free-marginal multirater kappa: An alternative to Fleiss's fixed-marginal multirater kappa*. Paper presented at the Joensuu University Learning and Instruction Symposium 2005, Joensuu, Finland. Retrieved from ERIC Database. ([ED490661](#))
- Randolph, J. J. (2005, October). *Using the binomial distribution to confirm trends in repeated-measures data sets that are sparse and have few cases*. Presentation given at the Joensuu University Learning and Instruction Symposium 2005, Joensuu, Finland.
- Randolph, J. J. (2005, October). *What's the difference, still: A follow-up review of the quantitative research methodology in distance learning*. Paper presented at the Joensuu University Learning and Instruction Symposium 2005, Joensuu, Finland. Retrieved from ERIC Database. ([ED490662](#))
- Randolph, J. J., (2004, October). *Guidelines for reducing language bias in the computing sciences: Language lessons learned from a sister science*. Poster presented at the 4th annual Finnish/Baltic Sea Conference on Computer Science Education, Koli, Finland.
- Randolph, J. J. (2004, August). *A model for designing and evaluating teacher training programs in technology education*. Presentation given at the Technology Enhanced Learning Workshop at the IFIP World Computer Conference, Toulouse, France.
- Randolph, J. J. (2004, January). *Getting students to talk about human rights and social justice: Comparing Democratic Socialist platforms in the U.S. and Finland*. Presentation given at

the Association of Teachers of English in Finland Seminar: Beyond Stereotypes, Myths and Prejudices: Teaching about America, Helsinki, Finland.

Randolph, J. J. (2004, January). *Teaching EFL students politically correct language in academic and professional situations*. Presentation given at the Association of Teachers of English in Finland Seminar: Beyond Stereotypes, Myths and Prejudices: Teaching about America, Helsinki, Finland.

Randolph, J. J. (2004, October). *A quantitative synthesis of the research on response cards on participation, academic achievement, behavioral disruptions, and student preference*. Presentation given at the Joensuu University Learning and Instruction Symposium, Joensuu, Finland.

Randolph, J. J., & Eronen, P.J. (2004, November). *Program and evaluation planning lite: Planning in the real world*. Paper presented at Kasvatustieteen Päivät 2004 [Finnish Education Research Days 2004], Joensuu, Finland. Retrieved from ERIC Database. ([ED490461](#))

Randolph, J. J., & Hartikainen, E. (2004, November). *A review of resources for K-12 computer-science-education program-evaluation*. Presentation given at Kasvatustieteen Päivät 2004 [Finnish Education Research Days 2004], Joensuu, Finland.

Randolph, J. J., Hartikainen, E., & Kähkönen, E. (2004, November). *Lessons learned from developing a methodology for the critical review of educational technology research*. Presentation given at Kasvatustieteen Päivät 2004 [Finnish Education Research Days 2004], Joensuu, Finland.

Randolph, J. J. (2003, December). *The effects of response cards on participation and academic achievement with Polish students in the English as a Foreign Language classroom*. Presentation given at the Interlearn Conference: Multidisciplinary Approaches to Learning, Helsinki, Finland.

Nolan, R. K., Randolph, J. J., Kircalli, C., Adams, J. E., & Johnson, D. N. (2003, November). *Case study and meta-evaluation of PRAXIS: A collaborative evaluation and organizational learning model for taking informed action*. Paper presented at the annual meeting of the American Evaluation Association Conference, Reno, NV.

Randolph, J. J., & Edmondson, R. S. (2003, November). *The binomial effect size display: An approach to presenting measures of effect size to the evaluation audience*. Poster presented at the American Evaluation Association Conference, Reno, NV.

Randolph, J. J. (2003, July). *The PRAXIS model: A participatory approach to school improvement*. Presentation given at the Annual Meeting of the Utah Rural Schools Association, Cedar City, UT.

SERVICE TO THE UNIVERSITY

Updated 8.27.2018

University Service

Assessment & Evaluation Committee, Georgia Baptist College of Nursing, Mercer University	2018-Present
Graduate Program Committee, Georgia Baptist College of Nursing, Mercer University	2018-Present
Executive Committee, Tift College, Mercer University	2016-2018
University Assessment Committee, Mercer University	2016-2018
Assessment Committee Chair, Tift College, Mercer University	2016-2018
Assessment Committee Member, Tift College, Mercer University	2011-2016
Search Committee Chair: Associate Director of Assessment, Tift College, Mercer University.	2017
EdTPA Results Co-Chair, Tift College, Mercer University	2015-2016
Admissions Standards Committee, Tift College, Mercer University	2015-2016
Data Analyst for College of Pharmacy, Mercer University	2010-2015
By-Laws Committee, Tift College, Mercer University	2015-2016
House of Delegates Member, Mercer University	2012-2013
Program Development and Assessment, Mercer University MAT, MEd, EdS, and C & I PhD Programs	2010-2014
IRB Committee Chair, Finlandia University	2008-2010

Completed Dissertation Committee Service

Teresa Lynn Abbey, *Active Learning through a Constructivist Lens: The Effects of Manipulatives on On-Task Behavior*, Committee Member, Mercer University, 2016.

Gregory Allen Baugher, *The Effects of Online Tutorials and Age on Achievement and Attitude in Remedial Mathematics: A Mixed Methods Investigation*, Committee Member, Mercer University, 2012.

Judy Beard, *The Effects of Traditional and Progressive Physical Education Courses on Adolescents' Body Composition and Student Satisfaction*, Committee Member, Walden University, 2011.

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April Bond, *The Relationship between Reading Comprehension and Parent Support*, Committee Member, Walden University, 2011.

Robert Bryant, III, *Predictors of Instrumental Music Teacher Job Satisfaction*, Committee Member, Mercer University, 2012.

Anaya Lani Bryson, *The Effects of Critical Reflection on the Development of Novice, Elementary Mathematics Teachers' Perceived Efficacy*, Committee Member, Mercer University, 2016

Amanda Chilvers, *Analyzing the Effects of a Mathematics Problem-Solving Program, Exemplars, on Mathematics Problem-Solving Scores with Deaf and Hard-of-Hearing Students*, Committee Member, Mercer University, 2013.

Marc Deaton, *The Impact of Exercise on Short-Term Memory Fading of Cardiac Rehabilitation Patients in Rural Eastern Kentucky*. Committee Member, Walden University, 2011.

Sean Vincent Deweese, *The Effects of Mastery Learning Correctives on Academic Achievement and Student Affect*, Committee Chair, Mercer University, 2012.

Kristina Falbe. *The Relationship between Schools to Watch Designation and Academic Achievement: A Study of Colorado, New York, Ohio, and Virginia*, Committee Member, Mercer University, 2014.

Shabaan Kitindi Fundi, *The Effect of Matching Learning Style and the VARK Strategies on Academic Achievement and Student Enjoyment of Science Lessons in a High School General Chemistry Course*, Committee Member, Mercer University, 2016.

Tabitha Hyatt Ginther, *Do you see what I see? A quantitative correlational study of students' and teachers' perceptions of teacher-student interaction and student engagement*. Committee Member, Mercer University, 2016

Sean Michael Green, *Teacher Efficacy of Alternative and Traditionally Certified Special Education Teachers*, Committee Member, Mercer University, 2012.

Rabieh Jamal Hafza, *Attitudes about High School Physics in Relationship to Gender and Ethnicity: A Mixed Method Analysis*, Committee Member, Mercer University, 2012.

Robert Haley, *Evaluating the Effectiveness of Online Learning at the High School Level*. Committee Member, Walden University, 2013.

Regina Hardinger, *The Relationship between Professional Learning Community Implementation and Academic Achievement and Graduation Rates in Georgia High Schools*. Committee Chair, Walden University, 2013.

Julie Heon, *Evaluation of a High School Reading Intervention Program*. Committee Member, Walden University, 2011.

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Beverly Hollandsworth, *A qualitative study of the assessment practices and perspectives of successful advanced placement teachers*. Committee Member, Mercer University, 2013.

Diamond Jack, *Self-Contained versus Departmentalized Settings in Urban Elementary Schools: An Analysis of Fifth-Grade Student Mathematics Performance*. Committee Member, Mercer University, 2014.

Cheryl Ann Jamison, *Knitting a narrative ethnography of possible selves: An exploration of the perceptions of African American females at a single-gendered high school*, Committee Member, Mercer University, 2015.

Gordon Lee, *Second Life as an Educational Platform for Collaborative Learning by the Millennial Generation at a Laptop University*, University Reviewer, Walden University, 2010.

Kara LeFevre-Guy, *Transformational Learning Experiences of Novice Teachers and Their Coaches*. Committee Member, Mercer University, 2013.

Jennifer Leyendecker, *The Effects of Technical and Conceptual Teaching Methodologies on Student Outcomes in Life Drawing*. University Reviewer, Walden University, 2010.

Alisa Lannette Long, *Reculturing and Rebuilding Learning Communities through Responsive Classroom Management Practices*, Committee Member, Mercer University, 2016.

Jacqueline Krohn, *The Dissemination of Teacher Learning: A Study of the Similarities and Differences between Public School Levels and Locations*, University Reviewer, Walden University, 2010.

Austin Kureethara Manuel, *The Effects of Immediate Feedback using a Student Response System on Math Achievement of Eleventh Grade Students*, Committee Member, Mercer University, 2015.

Lakshmi Devi Menon, *The Myth of Being "Honorary Whites": Examining the Racialized Experiences of Asian American Educators with a Critical Race Theory Lens*, Committee Member, Mercer University, 2016

Laura Nager, *Building a critically reflective practice: Relating Brookefield's four lenses to inservice teachers' experiences*. Committer Chair, Mercer University, 2017.

Bonnie Parks, *Predictors of Educators' Reports of School Leadership Effectiveness*. Committee Member, Walden University, 2010.

Rose Prejean-Harris, *The Relationship between Standards-Based Reporting Systems and Third-Grade Mathematics and Science Achievement*. Committee Member, Mercer University, 2013.

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Regina Smiley-Blanton, *Instructional Strategies that Promote Reading Proficiency for English Language Learners in Grades 3 and 5*. University Reviewer, Walden University, 2010.

Adrina Smith, *Unlocking the Code: Matters of Agency, Metalinguistic Skills, and Literacy Achievement for Speakers of Non-Mainstream American English*. Committee Member, Mercer University, 2017.

Audrey Smeltzer-Schwab, *High School Students' Physics Epistemological Beliefs*. Committee Member, Mercer University, 2018.

NaKiesha Roshann Melvin Sprull, *Chocolate Cakes and Icing: A Transgenerational Narrative Inquiry into Triumphant Black Female Educators*, Committee Member, Mercer University, 2016.

Cristy Nicole Brown Starling, *Narratives of Special Education Co-Teachers in Secondary Mathematics Inclusive Settings*, Committee Member, Mercer University, 2016.

Bridget Taylor, *A Case Study of Middle School Teachers' Experiences with Personalized Learning*, Committee Member, Mercer University, 2016.

Kimberly Adkins Tessmer, *Transforming Scholars: A Narrative Inquiry of Doctoral Student Psychosocial Development*, Committee Member, Mercer University, 2012.

Cheryl Petrice Twyman, *It's Not My Problem: A Quantitative Examination of Culturally Relevant Word Problems in Fourth Grade Mathematics*. Committee Member, Mercer University, 2018.

Ann Waddle, *Identifying Associations between Student Achievement and Parental Involvement*, Committee member, Walden University, 2011.

Randi Williams, *STEM Professional Development: What's Going on From the Presenters' and Participants' Perspectives?* Committee Member, Mercer University, 2016.

Cassandra Yvonne Zielinski, *Teacher Feedback: Connecting the Characteristics of the Self-Regulated Learner*, Committee Member, Mercer University, 2016.

Current Dissertation Committee Service

Peter Bryant, Mercer University
Ricky Clark, Mercer University
Kay Elder, Mercer University
Zenja Evans, Mercer University
Samantha Goucher, Mercer University
Ashwin Lewis, Mercer University
Barbara West, Mercer University
Miranda Westbrook, Mercer University

Nursing Grant Service

Dedicated to Diversity: Risk to Resilience. (L. Bellury, P.I.). Role: Data Analyst; 5% Effort, Dates: 8/1/2018-Present. Health Resources and Services Administration (HRSA) Nursing Workforce Diversity Grant HRSA 17-063; #D19HP30842. \$1,994,659. Funding Period: 7/1/2017-6/30/2021.

Patient-Centered Cancer Survivorship Care: Improving Quality of Care and Quality of Life for Survivors in Georgia (A. Patterson & L. Bellury, Project Leads). Role: Statistical Consultant; Dates 1/10/2018-5/31/2018. Patient-Centered Outcomes Research Institute Pipeline to Proposal Tier I & II Role. \$15,000/\$25,000. Funding Period: 05/1/2015-5/31/2017.

Successful Grant Writing

Primary grantwriter of Tift College of Education Seed Grant Proposal *Meta-Analysis of Montessori Education for Improving Academic and Social/Behavioral Outcomes -- Continuation*, \$1,500 for Graduate Research Assistant funding (2016-2017).

Primary grantwriter of Tift College of Education Seed Grant Proposal Updating the *Online Kappa Calculator*. \$1,500 for Graduate Research Assistant funding (2016-2017).

Primary grantwriter of Tift College of Education Seed Grant Proposal *Meta-Analysis of Montessori Education for Improving Academic and Social/Behavioral Outcomes*, \$2,500 for Graduate Research Assistant funding (2015-2016).

Cowriter of Tift College of Education Seed Grant Proposal, with Bruce Sliger, for *Support for the Tift Grant Writing Team: Sowing Seeds for the Future*, \$2,500 for Graduate Research Assistant funding (2015-2016)

Cowriter of successful Walden University Faculty Research Initiative Grant, with Linda Crawford, for the further development of a scale for measuring sense of community. \$7,000 for software, travel, and Graduate Research Assistant funding (2011).

Primary grant writer of successful Fulbright Scholar in Residence proposal for bringing a Finnish researcher to Finlandia University for the 2010-2011 academic year.

Primary grant writer of EDULINK proposal, "ICT4D Consortium of African and European Higher Education Institutions", 545,641€ awarded to University of Eastern Finland by The Secretariat of the African, Caribbean and Pacific Group of States, 9th European Development Fund. (2007).

SERVICE TO STATE EDUCATIONAL AGENCIES

Georgia Department of Education, LAGA Grant Reviewer, February-March 2018.

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Georgia Department of Education, 21st Century Community Learning Center Grant Reviewer. March 2014.

ETS/Georgia Professional Standards Commission/Georgia Assessments for the Certification of Educators, Content Development Committee. March 2013

Georgia Department of Education, Education for Homeless Children and Youth Grant Reviewer. April 2012.

Georgia Department of Education, 21st Century Community Learning Center Grant Reviewer. March 2012.

Georgia Department of Education, Education for Homeless Children and Youth Grant Reviewer. June 2011.

Georgia Department of Education, 21st Century Community Learning Center Grant Reviewer. March 2011.

Michigan Department of Education Michigan Teacher Training Test Consultant. January 2010.

SERVICE TO THE RESEARCH COMMUNITY

Journal Reviewing

- Biomedical Research International, April 2014-Present. (2)
- Journal of Online Teaching and Learning, February 2014-Present. (1)
- International Journal of Doctoral Studies, February 2014-Present. (1)
- Research on Middle Level Education Online, September 2011-Present. (6)
- Child Indicators Research, January 2011-Present. (6)
- Georgia Educational Researcher, January 2012-Present. (3)
- Journal of Computer-Mediated Communication, November 2009-Present.(1)
- Journal of Information Technology Education, November, 2008 - Present. (10)
- IEEE Transactions on Education (July, 2013). (1)
- Georgia Education Research Association Conference, 2010, (7), 2013 (5), 2014 (1)
- Mercer University's College of Continuing and Professional Studies Atlanta Research Conference, April 2012 (3), April 2014 (1).
- British Journal of Mathematical and Statistical Psychology, September 2009. (1)

Conference Service

- English Language Session. Interaktiivinen Tekniikka Koulutuksessa (ITK '08) [Interactive Technology in Education Conference], Hämeenlinna, Finland, April 17-18, 2008.
- Moods of Analysis Session. 19th Annual Psychology of Programming Workshop. Joensuu, Finland, July 2nd-6th, 2007.

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- English Language Session. Interaktiivinen Tekniikka Koulutuksessa (ITK '08) [Interactive Technology in Education Conference], Hämeenlinna, Finland, April 18-20, 2007.
- Educational Modeling Languages, Interactive Learning Systems, and Educational Paradigms Session. IEEE International Conference on Advanced Learning Technologies. Joensuu, Finland, August 30th -September 1st, 2004.

Individual Awards & Honors

Tift College of Education Appreciation Award for “Exceptional Leadership and Expertise as Chair of the Assessment Committee,” July 2018.

2016 AERA Distinguished Paper Award (with Teresa Lynn Abbey and Sherah Carr) presented by the Consortium of State and Regional Educational Research Associations, Chicago, IL.

2015 AERA Distinguished Paper Award (with Rose Prejean-Harris) presented by the Consortium of State and Regional Educational Research Associations, Chicago, IL.

Distinguished Paper Award (with Rose Prejean-Harris) at the 2014 Georgia Educational Research Association Conference, Savannah, GA.

Best Paper Award, 2008, Interaktiivinen Tekniikka Koulutuksessa (ITK '08), Tutkijatapaaminen [Interactive Technology in Education Conference, Researcher's Workshop], Hämeenlinna, Finland.

ACM SIGCSE Special Projects Grant, 2006, \$4,990

ACM SIGCSE Special Projects Grant, 2005, \$4,750

IFIP World Computer Congress Student Fellowship, 2004, 500€

Fulbright Grant, University of Eastern Finland, Finland, 2003-2004, 10,500€

Vice President for Research Fellowship, Utah State University, 2001-2002, \$12,000

Cum Laude Honors, Weber State University, 1998

Academic Scholarship, Weber State University, 1995 -1998

Early College Scholarship, Weber State University, 1994

Professional Development in Research Methods

Rasch & Item Response Theory Specialization, Statistics.com (in progress)

Many-Facets Rasch Measurement, 2018 (in progress)

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Item Response Theory, Statistics.com 2018
Practical Rasch Measurement, Statistics.com, 2011.

NASA Optics and the Path to Totality, NASA Regional Educational Research Center, 2017

Edward Tufte Presenting Data and Information Workshop, Graphics Press, 2017

New Weighting Methods in Causal Mediation Analysis, AERA, 2015

An Introduction to Interactive Programming in Python, Rice University/Coursera, 2014

Introduction to Statistical Learning, Stanford Online, 2014

The Data Scientist's Toolbox, John Hopkins University/Coursera, 2014

Cluster Analysis, Statistics.com, 2012.

Introduction to Structural Equation Modeling, Statistics.com, 2010.

Associations

Statisticians without Borders

2018-Present