

Jack Drobisz

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  University of South Florida
 College of Behavioral & Community Sciences
 Department of Child & Family Studies
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Education

- PhD University of South Florida** May 2017
 Curriculum and Instruction, Instructional Technology, College of Education.
 Dissertation: [*The Effects of Arousal Presented by a Pedagogical Agent on English Language Learners' Situational Interest, Cognitive Load and Reading Comprehension in Online Reading Tasks*](#)
- MS University of South Florida** May 1998
 Computer Science, College of Engineering
 Thesis: [*Adaptive Sampling Methods for High Speed Networks to Determine Traffic Statistics including the Hurst Parameter*](#)
- BS University of Illinois Urbana-Champaign** May 1993
 Computer Science, College of Engineering

Research Experience

- University of South Florida, CBCS, CFS** 07/2021 - Present
 Assistant Research Professor
- University of South Florida, CBCS, Dean's Office** 06/2021 - 07/2017
 Assistant In Research

Research Projects

- US Department of Education / IES (30% FTE)** 10/2023 - 06/2026
 Spencer (PI), Role: Technical Architect
RIGHTStart
- Florida Department of Children & Families (20% FTE)** 01/2023 - 06/2024
 Vargo (PI), Role: Technical Architect
Evaluation of Implementation to Fidelity of Evidence Based Services
- USF College of Behavioral and Community Sciences, Internal Grant (2% FTE)** 06/2022 - 06/2024
Drobisz (PI)
Impact of the Covid Pandemic on HIPPY Home Visitors and Families

Florida Department of Education (25% FTE) Jordan (PI), Role: Technical Architect and Principal Developer / Faculty Advisor <i>Florida HIPPY Training & Technical Assistance Center</i>	07/2021 - 06/2024
R324A170073, US Department of Education Goldstein (PI), Role: Computer Programmer/App Developer <i>Professional Development of an MTSS Model for Early Childhood Educators to Prevent Reading Disabilities</i>	07/2017 - 06/2021

College Service

USF, CBCS Research & Data Center Assistant Director	08/2023 - Present
USF, CBCS, CFS Monthly Technology Forum Organizer	07/2022 - Present

Presentations

USF CBCS REDCap Overview & Use Cases Workshop	12/2022
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Publications

- Drobisz, J.**, Park, S., Smith, G. G. (2025 Manuscript in preparation). A tale of two arousal types: How perceptual and inquiry arousal influence second language readers' cognitive load and reading comprehension in pedagogical agent-guided online reading tasks. Department of Child & Family Studies, University of South Florida.
- Ngo, F. T. , Deryol, R. , Turnbull, B. & Drobisz, J. (2024). The need for a cybersecurity education program for internet users with limited English proficiency: Results from a pilot study . *International Journal of Cybersecurity Intelligence & Cybercrime*, 7(1), - . DOI: <https://doi.org/10.52306/2578-3289.1160>
- Lengacher, C. A., Reich, R. R., Rodriguez, C. S., Tinsley, S., Meng, H., **Drobisz, J.**, Lucas, J., Fonseca, T., Nidamanur, S., Joshi, A., Wang, J., Krothapalli, M., Surdovel, A., Acosta, M., Hornback, E., Patel, D., & Park, J. Y. (2024). The Moderating Effects of Time Since Cancer Treatment of the Mindfulness-Based Stress Reduction (MBSR(BC)) on Cognitive Functioning Among Breast Cancer Survivors. *Psycho-oncology*, 33(S1), 40.
<https://doi.org/10.1002/pon.6288>
- Lengacher, C. A., Reich, R. R., Rodriguez, C. S., Meng, H., Tinsley, S., **Drobisz, J.**, Hagen, L., Lucas, J., Fonseca, T., Hueluer, G., Wang, J., Nidamanur, S., Krothapalli, M., Surdovel, A., Acosta, M., Patel, D., Hornback, E., & Park, J. Y. (2024). Examination of Changes in Mindfulness and Rumination Among Breast Cancer Survivors Who Participated in a Mindfulness-Based Stress Reduction Program Compared to Breast Cancer Education Program or Usual Care. *Psycho-oncology*, 33(S1), 17. <https://doi.org/10.1002/pon.6288>
- Goldstein, H., Peters-Sanders, L., Madsen, K., Williams, **J.**, **Drobisz, J.**, Broome, E., Freda, S., McKeever, L., & Spencer, T. (2023). Efficacy of a small-group early literacy intervention implemented by early childhood educators. *American Journal of Speech-Language Pathology*. https://doi.org/10.1044/2023_AJSLP-23-00176
- Lengacher, C. A., Reich, R. R., Rodriguez, C. S., **Drobisz, J.**, Hagen, L., Meng, H., Tinsley, S., Chauca, K., Lucas, J., Fonseca, T., Acosta, M., Baier, C., Joshi, A., Nidamanur, S., Pomatto, M., Surdovel, A., Allen, A. P., Kelly, T., Akinola, B., Park, J.Y. Evaluation of a Virtual Breast Cancer Education Support Program for Advanced Stage Breast Cancer Survivors (vBCES(BC)) for Black and Hispanic Breast Cancer Survivors. *Psycho-Oncology*. 2023;32(S1):85 <https://doi.org/10.1002/pon.6090>.
- Lengacher, C. A., Joshi, A., Rodriguez, C., Torres, A., Baier, C., Hader, L.A., **Drobisz, J.**, Sheybani, E., Hagen, L., Morgan, S., Lin, K., Nagesh, N.O., Moreno, M., Lucas, J., Fonesca, T., Bornstein, E., Bonamer, J. Development of a Virtual Breast Cancer Education Support Program (vBCES) for Culturally Diverse Breast Cancer Survivors. *Psycho-Oncology*. 2022; 31(S1): 89. <https://doi.org/10.1002/pon.5872>

- Nielen, T. M. J., Smith, G. G., Sikkema-de Jong, M. T., **Drobisz, J.**, van Horne, B., & Bus, A. G. (2018). Digital guidance for susceptible readers: Effects on fifth graders' reading motivation and incidental vocabulary learning. *Journal of Educational Computing Research*, 56(1), 48-73. <https://doi.org/10.1177/0735633117708283>
- Smith, G. G., Li, M., **Drobisz, J.**, Park, H-R., Kim, D., & Smith, S. D. (2013). Play games or study? Computer games in eBooks to learn English vocabulary. *Computers & Education*, 69, 274-286. <https://doi.org/10.1016/j.compedu.2013.07.015>
- Smith, G. G., Majchrzak, D., Hayes, S., & **Drobisz, J.** (2011). Computer games versus maps before reading stories: Priming readers' spatial situation models. *Educational Technology & Society*, 14(1), 158-168.

Conference Proceedings

- Drobisz, J.**, Jordan, T., Lanns Clarke, Lidia, Millar Jimenez, Claudia (2024, September). *Florida HIPPY REDCap story*. A poster presentation at the 2024 REDCap Conference, St. Petersburg, FL.
- Lengacher, C. A., Reich, R. R., Rodriguez, C. S., Meng, H., Tinsley, S., **Drobisz, J.**, Hagen, L., Lucas, J., Fonseca, T., Hueluer, G., Wang, J., Nidamanur, S., Krothapalli, M., Surdovel, A., Acosta, M., Patel, D., Hornback, E., Park, J. Y. *Investigation into the Changes in Mindfulness and Rumination Among Breast Cancer Survivors Enrolled in a Mindfulness-Based Stress Reduction Program in Comparison to Breast Cancer Education Program or Usual Care*. A poster presentation at the 2024 Interprofessional Research Conference, Sarasota, FL, May 1, 2024.
- Drobisz, J.** Payne, T. & Goldstein, H. (2024, February). *Automated delivery and data collection to evaluate e-Book reading for preschoolers*. Conference on Research Innovations in Early Intervention, San Diego, CA.
- Madsen, K., Spencer, T., **Drobisz, J.**, Peters-Sanders, L., & Goldstein, H. (2022, February). *An innovative model to support MTSS for early literacy in preschool settings* [Poster presentation]. Conference on Research Innovations in Early Intervention, San Diego, CA.
- Madsen, K., Goldstein, H., **Drobisz, J.**, Olsen, W., & Seven, Y. (2020, November). *Proposal 13199: Effects of using interactive e-books to deliver explicit vocabulary instruction to preschool children* [Poster presentation]. Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (convention cancelled).
- Drobisz, J.**, Park, S. & Smith, G. (2019). A tale of two arousal types: How perceptual and inquiry arousal influence English learners' interest, cognitive load, and reading comprehension in pedagogical agent-led online reading. In J. Theo Bastiaens (Ed.), *Proceedings of EdMedia + Innovate Learning* (pp. 856-865). Amsterdam, Netherlands: Association for the Advancement of Computing in Education (AACE).
- Drobisz, J.**, Goldstein, H., Spencer, T., Smith, G. & Moon-Michel, L. (2019). Electronic data management and expert decision making for multi-tiered system of supports: Design research in early childhood literacy and professional development. In J. Theo Bastiaens (Ed.), *Proceedings of EdMedia + Innovate Learning* (pp. 1085-1089). Presentation at Association for the Advancement of Computing in Education (AACE) Conference, Amsterdam, Netherlands.
- Guarnieri, C., **Drobisz, J.**, Arndt, B., Lopes-Herrera, S., & Goldstein, H. (2019, June). Using e-Learning to break geographical barriers in access to professional development: A Brazilian research report. In *EdMedia+ Innovate Learning* (pp. 1851-1855). Association for the Advancement of Computing in Education (AACE).
- Drobisz, J.**, Park, S., & Smith, G.G. (2017). *The effects of arousal presented by a pedagogical agent on English language learners' situational interest, cognitive load, and reading comprehension in online reading tasks*. Annual meeting Association of Educational Communications Technology (AECT), Jacksonville, FL.
- Drobisz, J.** (2006). Use of epistemic forms in computer games from players' perspective. In *EdMedia: World conference on educational media and technology* (vol. 2006, no. 1, pp. 2309-2313).
- Drobisz, J.**, & Christensen, K. J. (1998, October). Adaptive Sampling Methods to Determine Network Traffic Statistics Including the Hurst Parameter. In *Local Computer Networks, 1998. LCN'98. Proceedings., 23rd Annual Conference on* (pp. 238-247). IEEE.

Teaching Experience

USF College of Arts and Sciences Undergraduate Interaction Design	Spring 2023
USF College of Education Graduate Web Programming I	Spring 2020
USF College of Education Game Design & Development for Learning (co-teach)	Fall 2017

Professional Background

USF Information Technology, Tampa FL Application Developer III	2009 - 2017
USF Academic Computing, Tampa, FL Application Developer	2006 - 2009
L3 Communications, St. Petersburg, FL Technical Consultant / Senior Staff Engineer	2001 - 2006
Home Shopping Network, St. Petersburg, FL Technical Consultant	2000 - 2001
NASA Marshall Space Flight Centre, Huntsville, AL Technical Consultant	1999
Verizon, Tampa, FL Technical Consultant	1998 - 2000
USF College of Engineering, Tampa, FL Graduate Assistant	1996 - 1998
GTE Data Services, Tampa, FL Programmer Analyst	1993 - 1996
United States Geological Survey, Urbana, IL Student Programmer	1991 - 1993

Additional Skills & Training

OIS – Online Instructor Certification Badge USF Corporate Training and Professional Education 2023	2023
Deep Learning Specialization (5 courses) Coursera 2017	2017
Polish - Fluent	