Byron Havard, PhD

Professor - Department of Instructional Design and Technology
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PROFESSIONAL PREPARATION

Georgia State University - Instructional Technology, PhD, 1999
University of South Alabama - Instructional Design and Development, MS, 1994
Auburn University – Architecture/Industrial Design, BS, 1991

PROFESSIONAL APPOINTMENTS

University of West Florida, 2005-present
 Professor, Instructional Design and Technology, 2018-present
 Associate Professor, Instructional, Workforce, and Applied Technology, 2011-2018
 Chair, Instructional and Performance Technology, 2012-2014
 Interim Chair, Applied Science, Technology, and Administration, 2014
 Associate Chair, Applied Science, Technology, and Administration, 2011-2012
 Assistant Professor, Instructional and Performance Technology, 2005-2011
Mississippi State University, 2002-2005 - Assistant Professor, Instructional Systems
Mitsubishi Electric, 2001-2002 - Training Manager
IBM, 2000-2001 - Lead Instructional Designer
AT&T, 1994-2000 - Lead Instructional Technologist
United States Coast Guard Aviation Training Center, 1993-1994 - Instructional Designer

PUBLICATIONS

Peer-Reviewed Publications

Havard, B. (in press). Sensors and wearables. In A. Gegenfurtner & I. Kollar (Eds.), *Designing effective digital learning environments*. Routledge.

Havard, B., Podsiad, M., & Valaitis, K. (2023). Peer assessment collaboration evaluation: An innovative assessment tool for online learning environments. *TechTrends, 63*(1), 23-32. https://doi.org/10.1007/s11528-022-00832-8

Nguyen, G. N., **Havard, B.**, & Otto, B. (2022). Parental involvement and high school dropout: Perspectives from students, parents, and mathematics teachers. *European Journal of Educational Research*, *11*(1), 469–480. https://doi.org/10.12973/eu-jer.11.1.469

Valaitis, K. L., Ellis, H., Hastings, N. B., & **Havard, B.** (2022). The influence of personal attitude on instructor intent to integrate online collaborative activities. *Education and Information Technologies 27,* 5277–5299. https://doi.org/10.1007/s10639-021-10814-7

Havard, B. & Podsiad, M. (2020). A meta-analysis of wearables research in educational settings published 2016-2019. *Education Technology Research and Development, 68*(4), 1829-1854. https://doi.org/10.1007/s11423-020-09789-y

Podsiad, M., & **Havard, B.** (2020). Faculty acceptance of the peer assessment collaboration evaluation tool: A quantitative study. *Education Technology Research and Development, 68*(3), 1381-1407. https://doi.org/10.1007/s11423-020-09742-z

Havard, B. & Podsiad, M. (2019). Wearables for performance support and learning. *International Journal of Mobile Devices, Wearable Technology, and Flexible Electronics, 9*(2), 37-50.

Gaston, J. P., & **Havard, B.** (2019). The effects of collaborative video production on situational interest of elementary school students. *TechTrends, 63*(1), 23-32.

Havard, B. & Podsiad, M., Hyland, C., & Hastings, N. B. (2018). Wearable learning environments. *Distance Learning, 15*(3), 19-27

Havard, B., Nguyen, G. N., & Otto, B. (2018). The impact of technology use and teacher professional development on U.S. national assessment of educational progress (NAEP) mathematics achievement. *Education and Information Technologies*. https://doi.org/10.1007/s10639-018-9696-4

Havard, B. (2018). Online discussion structure and instructor roles for the promotion of deep learning. In R. Zheng (Ed.), *Strategies for deep learning with digital technology: Theories and practices in education* (pp. 71-90). Hauppauge, NY: Nova Science Publishers.

Havard, B. & Podsiad, M. (2017). Wearable computers. In T. Kidd & L. R. Morris (Eds.), *Handbook of instructional systems and technology* (pp. 356-365). Hershey, PA: IGI Global.

East, M. L., **Havard, B.**, & Hastings, N. B. (2016). Mental health mobile apps in counselor education: Mixed methods research guided by technology acceptance theories. *Journal of Technology in Human Services, 34*(4), 301-325.

Hastings, N. B., **Havard, B.**, Hyland, C., & Podsiad, M. (2016). Academic program profile: Human performance technology in university of west Florida's department of instructional, workforce and applied technology. *Performance Improvement Journal, 55*(10), 33-44.

Havard, B., East, M. L., Prayaga, L., & Whiteside, A. (2016). Adaptable learning theory framework for technology enhanced learning. In E. Railean, G. Walker, L. Jackson, & A. Elci (Eds.), *Handbook of applied learning theory and design in modern education* (pp. 646-668). Hershey, PA: IGI Global.

East, M. L., & **Havard, B.** (2015). Mental health mobile apps: From infusion to diffusion in the mental health social system. *Journal of Medical Internet Research Mental Health, 2*(1):e10. doi: 10.2196/mental.3954

Havard, B. (2015). Wearable learning environments. In J. M. Spector (Ed.), *Encyclopedia of educational technology* (pp. 835-838). Thousand Oaks, CA: SAGE Publications. doi: http://dx.doi.org/10.4135/9781483346397

Kingry, M. A., & **Havard, B.**, Robinson, R., & Islam, M. (2015). The impact of instructional fading using completion problems on student performance in principles of accounting instruction. *Journal of Educational Technology Systems, 44*(1), 53-68. doi: 10.1177/0047239515598519

Thompson, C. J., & **Havard, B.** (2015). Virtual research integrity. In M. Khosrow-Pour (Ed.), *Encyclopedia of Information Science and Technology, Third Edition* (pp. 6601-6609). Hershey, PA: Information Science Reference. doi:10.4018/978-1-4666-5888-2.ch649

Havard, B. (2013). Just-in-time learning, rich media, technology-enabled learning. In R. C. Richey (Ed.) *Encyclopedia of Terminology for Educational Communications and Technology* (pp. 170-171, 267-269, 302-303). New York, NY: Springer.

Havard, B., Du, J. X., & Olinzock, A. (2009). Deep learning: The knowledge, methods, and cognition process in instructor-led online discussion. In A. Orellana, T. L. Hudgins & M. R. Simonson (Eds.), *The perfect online course: Best practices for designing and teaching* (pp. 487-502) Charlotte NC: Information Age Publishing.

Havard, B., Du, J. X., & Xu, J. (2008). Online collaboration and communication media. *Journal of Interactive Learning Research, 19*(1), 37-50.

Dempsey, J. V., Albion, P., Litchfield, B. C., **Havard, B.**, & McDonald, J. (2007). What do instructional designers do in higher education? A written symposium. In R. Reiser & J. V. Dempsey (Eds.). *Trends and issues in instructional design and technology* (pp. 221-244). Upper Saddle River, NJ: Merrill Prentice Hall.

Du, J. X., **Havard, B.**, Adams, J., Ding, G., & Yu, C. (2007). Project-based online group collaborative learning characteristics. In L. A. Tomei (Ed.). *Integrating information and communications technology into the classroom* (pp. 188-201). Hershey, PA: Information Science Publishing.

Havard, B., Du, J. X., & Olinzock, A. (2007). Task-oriented online discussion: A practical model for student learning. In L. A. Tomei (Ed.). *Integrating information and communications technology into the classroom* (pp. 154-166). Hershey, PA: Information Science Publishing.

Du, J., **Havard, B.**, Adams, J. (2005). Project-based learning approach: Online group collaborative learning. *International Journal of Information and Communication Technology Education, 1*(4), 13-24.

Du, J. X., **Havard, B.**, & Li, H. (2005). Task-oriented learning in dynamic online discussion. *Educational Media International, 42*(3), 207-218.

Du, J. X., **Havard, B.**, Yu, C., & Adams, J. (2005). The impact of technology use on low-income and minority student's academic achievements: Educational longitudinal study of 2002. *Journal of Educational Research and Policy Studies, 4*(1), 21-38.

Havard, B., Du, J. X., & Olinzock, A. (2005). Deep learning: The knowledge, methods, and cognition process in instructor-led online discussion. *The Quarterly Review of Distance Education, 2*(6), 125-135.

Havard, B., Du, J. X., & Olinzock, A. (2005). Dynamic task-oriented online discussion for student learning: A practical model. *International Journal of Information and Communication Technology Education, 1*(2), 62-73.

Pate G., Du, J. X., & **Havard, B.** (2004). Instructional design: Considering cognitive learning needs of older learners. *International Journal of Instructional Technology and Distance Learning, 1*(5), 3-8.

Du, J. X., Fan, X., **Havard, B.**, & Olinzock, A. (2003). Minority equity of access and participation in information technology adult education. *Journal of Educational Research and Policy Studies, 3*(2), 67-88.

Du, J. X., & **Havard, B.** (2003). A framework for deep learning in business distance education. *Delta Pi Epsilon, 45*(3), 204-214.

Havard, B. (2000). Factors influencing computer self-efficacy in an introductory level computer course. *Dissertation Abstracts International, 60* (12), 4303. (UMI No. 9950400)

Havard, B. (1994). Automating instructional design with ID Expert and ITT. *Tech Trends, 39*(3), 26-27.

Book

Gaston, J. P., & **Havard, B.** (in press). *Collaborative video production: Management, facilitation, and best practices*. Brill.

Peer-Reviewed Conference Proceedings

Thompson, C. J., Bourget, E. M., & **Havard, B.** (2019). Connecting classroom observation data to student achievement using Observer XT©: Promoting authentic STEAM research. In K. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1260-1264). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE).

Havard, B. & Podsiad, M., Hyland, C., & Hastings, N. B. (2018). Wearable computers: Past, present, and future possibilities. In M. Simonson (Ed.), 40*th Annual Proceedings of Selected Research and Development Papers Presented at The Annual Convention of the Association for Educational Communications and Technology* (pp. 172-177). Bloomington, IN: AECT.

McArthur, A., Ellis, H., & **Havard, B.** (2017). Perceptions of technology integration and creative curricula in child education. In M. Simonson (Ed.), *39th Annual Proceedings of Selected Research and Development Papers Presented at The Annual Convention of the Association for Educational Communications and Technology* (pp. 77-85). Bloomington, IN: AECT.

Ellis, H., **Havard, B.**, Hastings, N. & McArthur, A. (2016). Educational leaders as technology leaders: Technology literacy skill development. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 1116-1122). Chesapeake, VA: AACE.

Havard, B., Ellis, H. & Kingry, M. A. (2013). The team member evaluation tool: Assigning individual grades on group projects. In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2013* (pp. 510-515). Chesapeake, VA: AACE.

Havard, B. & Piper, M. (2013). Barriers to implementing universal design features at 2-year and 4-year title iv eligible institutions in the United States. In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2013* (pp. 1332-1335). Chesapeake, VA: AACE.

Havard, B., Kingry, M. A., Hastings, N. B., Ellis, H., & Prayaga, L. (2012). Peer assessment in group projects: The team member evaluation tool. In M. Simonson (Ed.), *35th Annual Proceedings of Selected Research and Development Papers Presented at The Annual Convention*

of the Association for Educational Communications and Technology, Volume 1 (pp. 102-107). Bloomington, IN: AECT.

Havard, B., & Du, J. X. (2004). A framework for deep learning for teacher education. In C. Crawford et al. (Eds.). *Proceedings of Society for Information Technology and Teacher Education International Conference 2004* (pp. 463-469). Chesapeake, VA: AACE.

Havard, B., Du, J. X., Sansing, W., & Yu, C. (2004). The impact of technology use on low-income and minority student academic achievements. In M. Simonson, & C. Schlosser (Eds.). *Selected papers presented at the 2004 National Convention of the Association for Educational Communications and Technology.*

Warren, K., Du, J. X., & **Havard, B.** (2004). Computer-based learning environments and student's achievement level vs. traditional classroom instruction in a community college environment. In M. Simonson, & C. Schlosser (Eds.). *Selected papers presented at the 2004 National Convention of the Association for Educational Communications and Technology.*

Havard, B. C., & Atkinson, F. D. (2001). Factors influencing computer self-efficacy: Suggestions for designing interactive learning. *Proceedings of the Design: Connect, Create, Collaborate Conference.* Athens, GA: University of Georgia.

Other Publications

Northrup, P., Ellis, H., Hastings, N. B., **Havard, B.**, & Rasmussen, K. (2013). Building your future with online Ed.D. in curriculum and instruction: Instructional technology. *SEEN Magazine, 51*(1), 116-118.

Manuscripts under Review

Otto, B., Nguyen, G. N., & **Havard, B.** Quantity or quality of learning - what makes low-performing students graduate from high school? *International Journal of School & Educational Psychology.*

Manuscripts in Preparation

Gaston, J. P., & **Havard, B.** (manuscript in preparation). Collaborative video production and middle school students' level of interest and engagement.

Havard, B., Handley, H., & Abadie, J. (manuscript in preparation). Flipped classroom strategy effects on K-12 mathematics learning outcomes: A meta-analysis.

PRESENTATIONS
Peer-Reviewed Presentations

Havard, B., Kim, M., & Pecore, J. (2023, March 17). Application of virtual reality in a higher education online classroom. Paper presented at the 2023 Society for Information Technology and Teacher Education (SITE) International Conference, New Orleans, LA.

Havard, B., Kim, M., Burkart, J., & Abadie, J. (2022, October 24). Learning environment design considerations. Paper presented at the 2022 Association for Educational Communications and Technology (AECT) International Convention, Las Vegas, NV.

Crawley, W., Pecore, J., & **Havard, B.** (2021, November 5). Challenge-based learning: Influence of the Enterprise Immersive Learning Environment on grades 7-12 students' STEM related learning outcomes. Paper presented at the 2021 Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.

Gaston, J. P., & **Havard, B.** (2021, November 5). Collaborative video production and middle school students' level of interest and engagement. Paper presented at the 2021 Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.

Havard, B., Abadie, J., & Byrns, M. (2021, November 5). Flipped classroom strategy effects on K-12 mathematics learning outcomes: A meta-analysis. Paper presented at the 2021 Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.

Bonk, C. J., Dennen, V., Choi, H., Knisely, K., Zhu, M., Lee, M. M., Martin, F., Chen, Y., Luo, T., Freeman, C. Stefaniak, J., Gao, F., & **Havard, B.** (2020, November 4). *Systematic reviews of research on learning environments and technology: A very special issue*. Panel presentation at

the 2020 Association for Educational Communications and Technology (AECT) Virtual International Convention.

Havard, B., Podsiad, M., & Arnold, C. (2020, November 2). *A meta-analysis of wearables research in educational settings published 2016-2019.* Paper presented at the 2020 Association for Educational Communications and Technology (AECT) Virtual International Convention.

Valaitis, K., Ellis, H., Hastings, N. B, & Havard, B. (2020, November, 4). Instructor intent to integrate online collaborative activities: A case study. Paper presented at the 2020 Association for Educational Communications and Technology (AECT) Virtual International Convention.

Crawley, A. A., Cosio-Lima, L., Havard, B., & Hastings, N. B. (2019). *Effects of a situated environment on classroom community, connectedness, and learning in exercise science students.* Paper presented at the 2019 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Exercise, Circadian Rhythms and Sleep of the American College of Sports Medicine, Orlando, FL.

Gaston, J. P., & Havard, B., (2019). *Effects of collaborative video production on situational interest of elementary students grades 2 through 5.* Paper presented at the 2019 Association for Educational Communications and Technology (AECT) International Convention, Las Vegas, NV.

Hastings, N. B., Ellis, H., & Havard, B. (2019). *Redesigning the Ed.D. to meet the needs of students seeking post-graduation employment in non-academic settings.* Paper presented at the 2019 Association for Educational Communications and Technology (AECT) International Convention, Las Vegas, NV.

Thompson, C. J., Bourget, E. M., & Havard, B. (2019). *Connecting classroom observation data to student achievement using Observer XT: Promoting authentic STEAM research.* Paper presented at the Society for Information Technology and Teacher Education (SITE) International Conference, New Orleans, LA.

Gaston, J. P., & Havard, B. (2018). *The effects of collaborative video production in elementary school grades 2 through 5.* Paper presented at the 2018 Mid-South Educational Research Association (MSERA) Annual Meeting, Pensacola, FL.

Gaston, J. P., & Havard, B. (2018). *The effects of collaborative video production on situational interest of elementary students.* Paper presented at the 2018 International Society for Technology in Education (ISTE) Annual Conference, Chicago, IL.

Havard, B., Podsiad, M., Ellis, H., Hyland, C., & Valaitis, K. (2018). *The peer assessment collaboration evaluation (PACE) tool: Student behavioral intent.* Paper presented at the 2018 Association for Educational Communications and Technology (AECT) International Convention, Kansas City, MO.

Havard, B., Podsiad, M., Hyland, C., & Valaitis, K. (2018). *The peer assessment collaboration evaluation (PACE) tool.* Paper presented at the 2018 Mid-South Educational Research Association (MSERA) Annual Meeting, Pensacola, FL.

Podsiad, M. & Havard, B. (2018). *Faculty acceptance of the peer assessment collaboration evaluation (PACE) tool.* Paper presented at the 2018 Association for Educational Communications and Technology (AECT) International Convention, Kansas City, MO.

Gaston, J. P., & Havard, B. (2017). *Collaborative video production in elementary school grades 2 through 5.* Paper presented at the 2017 Association for Educational Communications and Technology (AECT) International Convention, Jacksonville, FL.

Havard, B., Ellis, H., Hastings, N. B., Hyland, C., & McArthur, A. (2017). *Preservice teachers' intentions to integrate technology.* Paper presented at the 2017 Association for Educational Communications and Technology (AECT) International Convention, Jacksonville, FL.

Havard, B., Podsiad, M., & Hyland, C. (2017). *Wearable computers: Current topology and future use.* Paper presented at the 2017 Association for Educational Communications and Technology (AECT) International Convention, Jacksonville, FL.

Ellis, H., Havard, B., Hastings, N. & McArthur, A. (2016). *Educational leaders as technology leaders: Technology literacy skill development.* Paper presented at the Society for Information Technology and Teacher Education (SITE) International Conference, Savannah, GA.

Mitchell, D., **Havard, B.**, & Ellis, H. (2016). *The effects of educational video games on secondary students' nutritional beliefs and knowledge.* Paper presented at the 2016 Association for Educational Communications and Technology (AECT) International Convention, Las Vegas, NV.

Taylor, N., **Havard, B.**, & Ellis, H. (2016). *Self-efficacy beliefs, prior deployment experience, and cognitive functioning levels of disaster response tabletop exercise participants.* Paper presented at the 2016 Association for Educational Communications and Technology (AECT) International Convention, Las Vegas, NV.

East, M. L., & **Havard, B.** (2015). *Mental health mobile apps in counselor education: mixed methods research guided by technology acceptance theories.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Indianapolis, IN.

Havard, B., East, M. L., & Prayaga, L. (2015). *Application of the adaptable learning theory framework for technology enhanced learning.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Indianapolis, IN.

Murphy, L., & **Havard, B.** (2015). *The relationship between instructional technology self-efficacy and the integration of instructional technology into pedagogical practices*. Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Indianapolis, IN.

Havard, B., & Nguyen, G. N. (2015). *Impact of technology use in NAEP mathematics achievement.* Paper presented at the Florida Educational Technology Conference (FETC), Orlando, FL.

East, M., & **Havard, B.** (2014). *Along came a spider...and frightened health professionals away: Impelling ehealth and mhealth diffusion by evolving from the ethics fixation.* Paper presented at the Medicine 2.0 World Congress on Social Media, Mobile Apps, Internet / Web 2.0, Malaga, Spain.

Havard, B., & Nguyen, G. N. (2014). *Impact of technology use in NAEP mathematics achievement.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Jacksonville, FL.

Goines, E., & **Havard, B.** (2013). *The influence of content filtering and teachers' self-efficacy on the use of the internet in k-12 classrooms.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Anaheim, CA.

Goines, E., & **Havard, B.** (2013). *Internet level of use in k-12 classrooms: The impact of teachers' internet self-efficacy and content filtering attitudes.* Paper presented at the Mid-South Educational Research Association (MSERA) Annual Meeting; Pensacola, FL.

Havard, B. (2013). *Universal design for learning: Implementation barriers at 2-year and 4-year title iv eligible institutions in the united states.* Paper presented at the Mid-South Educational Research Association (MSERA) Annual Meeting, Pensacola, FL.

Havard, B., Ellis, H., & Kingry, M. A. (2013). *The team member evaluation tool: Assigning individual grades on group projects.* Paper presented at the Society for Information Technology and Teacher Education (SITE) International Conference, New Orleans, LA.

Havard, B., & Hastings, N. B. (2013). *Online doctoral cohort support: Overcoming academic procrastination.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Anaheim, CA.

Havard, B., & Piper, M. (2013). *Barriers to implementing universal design features at 2-year and 4-year title iv eligible institutions in the United States.* Paper presented at the Society for Information Technology and Teacher Education (SITE) International Conference, New Orleans, LA.

Kingry, M. A., & **Havard, B.** (2013). *An investigation of the impact of instructional fading using completion problems on student performance in principles of accounting instruction.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Anaheim, CA.

Kingry, M. A., & **Havard, B.** (2013). *The impact of instructional fading using completion problems on student performance in principles of accounting instruction.* Paper presented at the Mid-South Educational Research Association (MSERA) Annual Meeting, Pensacola, FL.

Krull, R., & **Havard, B.** (2013). *Threaded discussion instructional strategies and student performance.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Anaheim, CA.

Havard, B., Hastings, N. B., Kingry, M. A., & Ellis, H. (2012). *Peer assessment in group projects: The team member evaluation tool.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Louisville, KY.

Havard, B., & Hastings, N. B. (2010). *Using Google tools as a learning management system.* Paper presented at the Florida Educational Technology Conference (FETC), Orlando, FL.

Hastings, N.B., Bauman, J.A. & **Havard, B.** (2010). *Can virtual teams succeed? Overcoming challenges and achieving real results.* Paper presented at the International Society for Performance Improvement (ISPI) Conference, San Francisco, CA.

Havard, B. (2007). T*echnology use on low-income and minority student's academic achievement: ELS 2002-2004 base-year and first follow-up.* Paper presented at the American Educational Research Association (AERA) Annual Meeting, Chicago, IL.

Du, J. X., Anderson, J., & **Havard, B.** (2005). *Factors affecting African American women's participation and completion of an instructional technology advanced degree: A racial cultural perspective.* Paper presented at the American Educational Research Association (AERA) Annual Meeting, Montreal, Canada.

Havard, B., & Du, J. X. (2005). *Technology access and use at school and student academic achievement.* Paper presented at the Society for Information Technology and Teacher Education (SITE) International Conference, Phoenix, AZ.

Havard, B., & Du, J. X. (2005). *The impact of technology use on low-income and minority student's academic achievements: Educational longitudinal study of 2002.* Paper presented at the Southeastern Conference in Instructional Design and Technology, Mobile, AL.

Havard, B., & Du, J. X., & Olinzock, A. (2005). *Deep learning: The knowledge, methods, and cognition process in instructor-led online discussion.* Paper presented at the American Educational Research Association (AERA) Annual Meeting, Montreal, Canada.

Havard, B., & Du, J. X., & Pate, G. (2005). *Peer assessment in group projects: an input oriented process*. Paper presented at the Society for Information Technology and Teacher Education (SITE) International Conference, Phoenix, AZ.

Havard, B., & Du, J. X., & Pate, G. (2005). *The effects of peer assessment on the group project process.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Orlando, FL.

Havard, B., Du, J. X., Xu, J., & Olinzock, A. (2005). *Online collaborative learning and communication media.* Paper presented at the American Educational Research Association (AERA) Annual Meeting, Montreal, Canada.

Du, J. X., Fan, X., **Havard, B.**, & Yang, Y. (2004). *Minority equity of access and participation in information technology adult education.* Paper presented at the American Educational Research Association (AERA) Annual Meeting, San Diego, CA.

Du, J. X., **Havard, B.**, Olinzock, A., & Yang, Y. (2004). *The impact of technology use on low-income and minority student academic achievements.* Paper presented at the American Educational Research Association (AERA) Annual Meeting, San Diego, CA.

Havard, B., Du, J. X., Sansing, W., & Yu, C. (2004). *The impact of technology use on low-income and minority student academic achievements.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.

Warren, K., Du, J. X., & **Havard, B.** (2004). *Computer-based learning environments and student's achievement level vs. traditional classroom instruction in a community college environment.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.

Du, J. X., & **Havard, B.** (2003). *A framework for deep learning in business distance education*. Paper presented at the Mid-South Educational Research Association annual meeting; Biloxi, MS.

Du, J. X., **Havard, B.**, & Yang, Y. (2003). *Fostering higher-order thinking in a hypermedia/multimedia for instruction classroom*. Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Anaheim, CA.

Du, J. X., **Havard, B.**, & Yang, Y. (2003). *Academic achievements and home computer use for low-income and minority students*. Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Anaheim, CA.

Havard, B., & Du, J. X. (2003). *A framework for deep learning for teacher education.* Paper presented at the Society for Information Technology and Teacher Education (SITE) International Conference, Atlanta, GA.

Havard, B., & Atkinson, F. D. (2001). *Factors influencing computer self-efficacy in an introductory level computer course.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Atlanta, GA.

Havard, B., & Atkinson, F. D. (2001). *Factors influencing computer self-efficacy: Suggestions for designing interactive learning.* Paper presented at the Design: Connect, Create, Collaborate Annual Meeting, Athens, GA.

Jost, K. L., & **Havard, B.** (1997). *A study of problem-based learning in a graduate education classroom.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Albuquerque, NM.

Jost, K. L., **Havard, B.**, Smith, A. J. (1997). *Creating a learning environment for teachers: Comparing project-based and problem-based learning environments.* Paper presented at the Association for Educational Communications and Technology (AECT) International Convention, Albuquerque, NM.

Manuscripts Submitted for Presentation

Gaston, J. P., & **Havard, B.** (under review). *The influence of collaborative video production on interest, engagement, and collaboration of students grades 6, 7, and 8.* Paper submitted for presentation at the Association for Educational Communications and Technology (AECT) International Convention, 2023.

Havard, B., Kim, M., Pecore, J., Durden, K., Fee, A., Fero, M., & Smith, K. A (under review). *Faculty professional development model for VR/AR integration to enhance student learning experiences.* Paper submitted for presentation at the Association for Educational Communications and Technology (AECT) International Convention, 2023.

Kim, M., **Havard, B.**, Abadie, J., and Krauss, K. (under review). *Integrating a virtual reality technology into a higher education online class*. Paper submitted for presentation at the Association for Educational Communications and Technology (AECT) International Convention, 2023.

Workshops

Gaston, J. P., & **Havard, B.** (2023, January 24). Collaborative video production: Strategies for student engagement and interest. Workshop conducted at the Future of Education Technology (FETC) 2023 Conference, New Orleans, LA.

Gaston, J. P., & **Havard, B.** (2023, January 26). Collaborative video production. Workshop conducted at the Future of Education Technology (FETC) 2022 Conference, Orlando, FL.

GRANTS AND PROPOSALS

Du, J. X. (PI), & Havard, B. (Co-PI). US-China Educational Development Foundation Research Grant. (Shanghai Yangguang Corporation, 2004, funded, $100,000).

Gaudette, M. (PI), & Havard, B. (Co-PI). Career and Technical Education (CTE) Research and Program Development. (UWF QEP Grant, funded, $5,000, 2017)

Havard, B. (PI), Kim, M. (Co-PI), & Pecore, J. CEPS VR/AR Integration Project. (UWF Systemic Grant, funded, $52,274, 2023).

Havard, B. The Impact of Technology Access and Use on Low-Income and Minority Students' Academic Achievement: Educational Longitudinal Study (ELS) 2002: Base Year and First Follow-up 2004. (AERA Grants Program, not funded, $32,700).

Havard, B. A Web Application for Peer Assessment in Group Projects. (UWF SCAC Award, funded, $1,920).

Havard, B. (PI), Kocak, S., & Yang, P. (Co-PI). CEPS AXIS Video Production Studio. (UWF Systemic Proposal, not funded, $32,260, 2020).

Havard, B. (PI), Valaitis, K., & Podsiad, M. (Co-PI). Peer Assessment Collaboration Evaluation (PACE) Tool. (UWF Pilot Research Grant, funded, $21,330, 2017).

Kamalasadan, S. (PI), & Havard, B. (Co-PI), An Integrated Model for Applied Engineering Communication and Control Curriculum Improvement. (National Science Foundation Proposal Number: NSF 06-536. Washington D.C., not funded, $150,000).

Kim, M. (PI), & Havard, B. (Co-PI). Implementation of Virtual Reality (VR) Activities in Higher Education Classrooms. (UWF HIP Grant, funded, $2,448, 2022)

Nguyen, G. N. (PI), & Havard, B. (Co-PI). College of Education and Professional Studies (CEPS) Research Pool. (UWF ITEP, not funded, $37,100).

Okojie, M (PI), Du, J. X., & Havard, B. (Co-PI), Mississippi State University College of Education and Department of Instructional Systems, Leadership, and Workforce Development, The Participation of African American Women in Instructional Technology Programs for Advanced Degrees (funded, $3,000).

Okojie, M (PI), Du, J. X., Havard, B., & Olinzock, A. (Co-PI), Fostering the Advancement of Women and African American Professors in Instructional and Industrial Technology in Mississippi. (National Science Foundation Proposal Number: NSF 03-588, Washington D.C., not funded, $330,000).

Prayaga, L. (PI), Amin, R., Geng, X., Havard, B. ,Liu, J., Nguyen, G. N., Pecore, J., Prayaga, C., Ramachandran, B., Wade, A., & Whiteside, A. (Co-PI), Professional Development for STEM Teachers using Discovery Labs (PDSTDL). 2014-2017 K-12 Mathematics and Science Partnership (MSP) STEM Year 1 of 3. (Florida Department of Education, not funded, $1,249,501).

Prayaga, L. (PI), Havard, B., Nguyen, G. N., Prayaga, C., Thompson, C. J., & Wade, A. (Co-PI). Data Centric STEM Instruction (DCSI): A Professional Development Activity for STEM Teachers 2015-2016: K-12 Mathematics and Science Partnership (MSP) STEM 1 Year Grant. (Florida Department of Education, not funded, $441,309).

Thompson, C. J. (PI), & Havard, B. (Co-PI). Engaging Graduate Education and Professional Studies Students and UWF Faculty in Observational Research Methods within Face-to-Face and Virtual Environments via Observer©XT (UWF Systemic Proposal, funded, $43,979, 2018).

TEACHING AND ADVISING
Chaired Published Dissertations

Anderson, A. (2005). An analysis of computer anxiety among school teachers in a rural Mississippi county (Doctoral dissertation, Mississippi State University).

Baker, B. (2012). Influence of teachers' knowledge of language components and universal design for learning on students' reading performance (Doctoral dissertation, University of West Florida).

Bush, A. (2011). A comparison of FCAT reading scores between fourth-grade traditional classrooms and fourth-grade Arkansas literacy model classrooms (Doctoral dissertation, University of West Florida).

East, M. L. (2015). Mental health mobile apps in counselor education (Doctoral dissertation, University of West Florida).

Ehrhardt, J. P. (2012). Constructing productive student-student online discussions: an experimental design-based research inquiry (Doctoral dissertation, University of West Florida).

Einfeld, D. (2014). A comparison of online and face-to-face collaboration on the performance of middle school math students' standardized assessment (Doctoral dissertation, University of West Florida).

Eliason, N. (2014). Learner-content, learner-instructor, and learner-learner interaction in a web-enhanced, internet videoconference AP calculus course (Doctoral dissertation, University of West Florida).

Gaffey, A. (2014). 10th grade students' time using a computer as a predictor of the highest level of education attempted (Doctoral dissertation, University of West Florida).

Gaston, J. P. (2015). The effects of collaborative video production on the attitudes and science knowledge of sixth graders (Doctoral dissertation, University of West Florida).

Gentry, C. (2010). Generation and gender participation in online discussion boards: depth, quantity, and social presence indicators (Doctoral dissertation, University of West Florida).

Goines, E. (2012). The influence of content filtering and teachers' self-efficacy on the use of the internet in k-12 classrooms (Doctoral dissertation, University of West Florida).

Hale, J. L. (2013). Secondary teacher self-efficacy and technology integration (Doctoral dissertation, University of West Florida).

Hollingshed, M. (2004). Students' perceptions of problem-based learning within an introductory computer application course (Doctoral dissertation, Mississippi State University).

Islam, M. (2016). An analysis of bandura's theory of self-efficacy as it relates to university faculty members' intent to use synchronous technology in online classes by using the innovation diffusion process (Doctoral dissertation, University of West Florida).

Kingry, M. A. (2012). An investigation of the impact of instructional fading using completion problems on student performance in principles of accounting instruction (Doctoral dissertation, University of West Florida).

Krull, R. P. (2013). Threaded discussion instructional strategies and student performance. (Doctoral dissertation, University of West Florida).

Listak, C. (2008). Bandura's triadic reciprocality, technology, and math achievement through a socioeconomic lens (Doctoral dissertation, University of West Florida).

Maddox, A. (2010). Faculty perceptions of an online graduate degree in history (Doctoral dissertation, University of West Florida).

Mitchell, D. (2018). Effects of a nutritional education video game on high school students (Doctoral dissertation, University of West Florida).

Mohandessi, N. (2018). Investigating the deployment experience, cognitive functioning, and self-efficacy of tabletop exercise participants (Doctoral dissertation, University of West Florida).

Montgomery, S. (2022). Program evaluation of digital clinical experiences used for occupational therapy level I fieldwork (Doctoral dissertation, University of West Florida).

Murphy, L. (2012). Investigating the relationship between instructional technology self-efficacy and the integration of instructional technology into pedagogical practices (Doctoral dissertation, University of West Florida).

Pauls, J. (2023). Instructional design and autism evidence-based practices: The Dick and Carey model (Doctoral dissertation, University of West Florida).

Peters, P. (2011). Web enhanced online video-based instruction within a postsecondary vocational program (Doctoral dissertation, University of West Florida).

Piper, M. (2014). Universal design in higher education (Doctoral dissertation, University of West Florida).

Podsiad, M. (2018). Faculty acceptance of the peer assessment collaboration evaluation (PACE) tool. (Doctoral dissertation, University of West Florida).

Shepherd, J. (2022). Analysis of military students' intention to use technology in the classroom: A quantitative study (Doctoral dissertation, University of West Florida).

Smith, E. (2021). Elementary teachers' behavioral intentions to use technology in an Alabama school system. (Doctoral dissertation, University of West Florida).

Szyndler S. A. (2012). Factors that influence middle school faculty when integrating technology into educational practice (Doctoral dissertation, University of West Florida).

Weldon, R. (2011). The impact of audio-assisted computer assessments on student performance with emphasis on reading ability levels and socioeconomic status (Doctoral dissertation, University of West Florida).

Willers, L. (2008). On-the-job training and its effect on learning for first-term enlisted sailors aboard United States Navy ships (Doctoral dissertation, University of West Florida).

Williams, M. (2011). The influence of the analytic transformation training program on intelligence analysts' leadership and collaboration skills (Doctoral dissertation, University of West Florida).

Zambesi, A. (2022). Examining relationships among undergraduate precalculus students' mathematical mindsets, satisfaction, and success (Doctoral dissertation, University of West Florida).

Courses Taught

Graduate Courses Taught at UWF

Course #	Course Name	Semesters Taught		
		Fall	Spring	Summer
EDG 5332	Principles of Instructional Design (pre EME 6609)	2010, 2009, 2008, 2007, 2006		
EME 6062	Applied Instructional Technology Investigations	2018, 2017, 2016, 2011		
EME 6357	HPT Tools	2006, 2005		
EME 6358	Evaluation for MSA Professionals	2016, 2014, 2006, 2005	2006	2018, 2017
EME 6408	Technology Integrated Learning Environments	2015	2017	2021, 2020, 2019, 2018, 2011, 2010, 2009, 2008, 2007, 2006
EME 6414C	Web-Based Instruction		2021, 2020, 2017, 2016, 2015, 2012, 2011, 2010, 2009, 2008, 2007, 2006	2023
EME 6415	Digital Video for Instruction	2018, 2017, 2016	2023, 2018	2017, 2015
EME 6415	Design of Instructional Courseware (pre 2014)			2010, 2009, 2008, 2007, 2006
EME 6426	HPT Interventions	2017, 2015, 2014, 2011, 2010, 2009	2020, 2016, 2015, 2012, 2011, 2010, 2006	2016, 2015, 2011, 2010, 2009
EME 6429	Human Performance Improvement			2015
EME 6607	Instructional Technology Planning and Change	2005		
EME 6626	Emerging Technology Systems	2022, 2011, 2009, 2008, 2007	2016	
EME 6905	Directed Study	2008	2009	2013, 2012, 2011, 2009, 2008
EME 6946	Field Experiences In Instructional and Performance Technology	2022, 2021, 2020, 2019	2022, 2020	2022, 2020
EME 7063	Emerging Technology Research	2011, 2010, 2009, 2008, 2007		2016, 2013
EME 7608	Analysis and Integration of Instructional Technologies			2023
EME 7618	Instructional Design and Technology Research	2020		
EME 7366	Data Collection in Performance Improvement		2023	2022
EME 7367	Data Analysis in Performance Improvement	2022	2022	
EME 7676	Advanced Instructional Design	2017		
EME 7905	Directed Study	2015, 2014	2022, 2015, 2014, 2013	2014, 2013
EME 7938	IT Research Design Seminar	2021, 2020, 2019, 2015, 2014	2018, 2017, 2014, 2013, 2012, 2011, 2010, 2009, 2008	
EME 8980	Dissertation	Spring 2007 – present, all semesters		
EME 8981	Dissertation in Practice Phase 1	2022		

Undergraduate Courses Taught at UWF

Course #	Course Name	Semesters Taught		
		Fall	Spring	Summer
EME 2040	Introduction to Educational Technology		2023	
EDG 3661	Adult Learning Theory and Curriculum Development	2021	2021	
EME 2040	Introduction to Educational Technology	2015	2015	
EME 3312	Technology Supported Learning		2018	
EME 3233	Technology Integration Planning		2021	

Course #	Course Name			
EME 3624	Training Needs Assessment	2019, 2018		
EME 4083	Program Evaluation in IDT		2022	2021, 2019
EME 4684	Instructional Design and Technology Capstone		2022	
EME 4905	Directed Study	2022, 2021		2021, 2020

Graduate Courses Taught at MSU

Course #	Course Name	Semesters Taught		
		Fall	Spring	Summer
TKT 8733	Data Communications for Instructional Technology		2003	2005
TKT 8803	Design and Evaluation of Instructional Software	2004, 2003	2005, 2004	
TKT 8833	Data Networks			2005, 2004, 2003

Undergraduate Courses Taught at MSU

Course #	Course Name	Semesters Taught		
		Fall	Spring	Summer
TKB 1313	Records Management	2003, 2002		
TKB 2122	Introduction to Database Management	2004		
TKT 3463	Computer Repair and Maintenance		2005, 2004	
TKB 4563	Introduction to Data Networks	2003, 2002		

SERVICE
Department Service

Committee Chair, Instructional Design and Technology Assistant Professor Search Committee (2022)

Committee Chair, Instructional Design and Technology Assistant Professor and Visiting Instructor Search Committee (2021-2022)

Coordinator, BS Instructional Design and Technology Program (2019-present)

Reviewer, Applications to the EdD Instructional and Performance Technology Program (ongoing)

Contributor, Florida BOG Request to Offer BS in Instructional Design and Technology (2018-2019)

Contributor, Florida BOG Request to Offer EdD in Instructional Design and Technology (2017-2018)

Committee Chair, Instructional Design and Technology Visiting Assistant Professor Search Committee (2017-2018)

Committee Member, Building Construction Instructor Search Committee (2015-2016)

Committee Member, Bylaws Committee (2015-2016)

Chair, Department of Instructional and Performance Technology (2012-2014)

Interim Chair, Applied Science, Technology, and Administration (2014)

Associate Chair, Department of Applied Science, Technology, and Administration (2011-2012)

Program Coordinator, EdD and EdS Instructional Technology Programs (2010-2015)

Committee Member, Engineering and Computer Technology Departmental T&P Committee (2009)

Advisor, MEd Instructional Technology and MSA Human Performance Technology (2005-2008)

Chair, ECT Departmental Search Committee for Instructional Technology Faculty Member (2007)

Committee Member, ECT Departmental Search for Engineering Technology Instructor (2006)

Committee Member, ECT Departmental Search for Instructional Technology Faculty Member (2006)

Program Coordinator, Instructional Systems, Leadership and Workforce Development (ISLWD), BS Information Technology Services (2002-2005)

Advisor, MS Instructional Technology advisor (21 students) and BS Information Technology Services advisor (41 students) (2002-2005)

Committee Member, ISLWD Departmental Search for Instructional Technology Faculty Member (2004)

Committee Member, RRTC on Blindness and Low Vision Departmental Search for Instructional Design Specialist (2004)

Committee Member, ISLWD Departmental Search for Media Specialist (2003)

Committee Member, ISLWD Departmental Search for Instructor (2003)

College Service

    Committee Member, College of Education and Professional Studies Personnel Committee (2014-present)

    Committee Member, College of Education and Professional Studies Program Review Committee (2023-present)

    Committee Member, Criminology and Criminal Justice Program Review Committee (2022)

    Committee Member, College of Education and Professional Studies Strategic Planning Committee (2022)

    Committee Member, Emerge Advisory Council (2015-2022)

    Chair, College of Education and Professional Studies EdD Program Committee (2014-2015)

    Committee Member, Research and Advanced Studies Chair/EdD Program Director Search Committee (2015)

    Committee Member, College of Education and Professional Studies Showcase (2015)

    Committee Member, Research and Advanced Studies Faculty Search Committee (2014)

    Committee Member, Administrative Studies EdD Specialization Faculty Search Committee (2013)

    Committee Member, College of Professional Studies EdD Program Committee (2010-2014)

    Committee Member, College of Professional Studies Academic Standards and Review Committee (2009-2012)

    Committee Member, College of Professional Studies Professional Education Council (2006-2008)

    Committee Member, College of Education National Council for Accreditation of Teacher Education (NCATE) Committee (2003-2005)

University Service

    Committee Member, Graduate Council (2020-2022)

    Committee Member, University Personnel Committee (2020-2022)

    Committee Member, Scholarly and Creative Activities Committee (2015-2017)

    Committee Member, Research and Scholarship Task Force (2015)

    Committee Member, Graduate Council (2013-2015)

    Committee Member, UWF Open House Committee - Ad Hoc (2013)

    Committee Member, UWF IT Planning and Advisory Committee (2011-2016)

    Committee Member, UWF Electronic Courseware Task Force - Ad Hoc (2008-2009)

    Committee Member, UWF Dean of Libraries Search (2008-2009)

    Committee Member, UWF Emerald Coast Search for Information Technology Specialist (2007)

    Committee Member, UWF Emerald Coast Search for Financial Accounts Manager (2007)

    Committee Member, UWF Emerald Coast Search for Faculty Coordinator (2006)

    Member, Emerald Coast Faculty Council (2006-2011)

    Mentor, Mississippi State University Mentor Program (2003-2005)

Professional Service

    Educational Technology Research and Development (ETR&D) - a peer-reviewed bi-monthly journal of the Association for Educational Communications and Technology (AECT), Consulting Editor, 2019-present

    Journal of Interactive Learning Research (JILR) - a peer-reviewed quarterly journal of the Association for the Advancement of Computing in Education (AACE), Editorial Review Board Member, 2003-2023

    Journal of Research on Technology in Education (JRTE) - a peer-reviewed quarterly research journal of the International Society for Technology in Education (ISTE), Editorial Review Board Member, 2003-2011

    Association for Educational Communications and Technology (AECT)

        AECT Division of Emerging Learning Technologies Board Representative (2020-present)

        Past President, Division of Emerging Learning Technologies (2019-2020)

        President, Division of Emerging Learning Technologies (2018-2019)

        President Elect, Division of Emerging Learning Technologies (2017-2018)

        Member at Large, Division of Emerging Learning Technologies (2016-2017)

        Member (1994-present)

Conference Proposal Reviewer (2016-present)
- Division of Emerging Learning Technologies

Conference Proposal Reviewer (2015)
- Multimedia Production

Conference Proposal Reviewer (2003-2006):
- Design and Development
- Distance Learning

American Educational Research Association (AERA)
Conference Proposal Reviewer (2003-2006):
- Division C: Learning and Instruction
- Division L: Education Policy and Politics
- SIG Instructional Technology

Society for Information Technology and Teacher Education Conference Presider (SITE 2004)
Mid-South Educational Research Association Conference Proposal Reviewer (MSERA 2003-2005)

Community Service
Video Producer, NUMC Livestream (2020-present), Over 90 livestreams since March 7, 2020
Kairos Prison Ministry International Volunteer (2006-2020)
Creative Learning Academy, Professional Development - Technology Tools for Learning (2012)

Letters of Evaluation for Tenure and Promotion
External Letters of Evaluation
Promotion to Full Professor
- Dr. Victoria Brown, 2020, Florida Atlantic University, Department of Curriculum and Instruction - Promoted to Professor 2021
- Dr. John Curry, 2022, Idaho State University, Department of Organizational Learning and Performance - Promoted to Professor 2023

Tenure and Promotion to Associate Professor
- Dr. David Ensminger, 2015, Loyola University Chicago, Department of Teaching and Learning - Granted Tenure and Promoted to Associate Professor 2016
- Dr. Lin Zhong, 2020, Southern Illinois University, Department of Workforce Education and Development - Granted Tenure and Promoted to Associate Professor 2021

University of West Florida Letters of Evaluation
Promotion to Full Professor
- Dr. Lisa Blalock, 2022, Department of Psychology - Promoted to Professor 2023
- Dr. John Pecore, 2019, School of Education - Promoted to Professor 2020

Tenure and Promotion to Associate Professor
- Dr. Elizabeth Bemiss, 2021, Department of Teacher Education and Educational Leadership - Granted Tenure and Promoted to Associate Professor 2022
- Dr. Keri Fogle, 2020, Department of Teacher Education and Educational Leadership - Granted Tenure and Promoted to Associate Professor 2021
- Dr. Shim Lew, 2022, School of Education - Granted Tenure and Promoted to Associate Professor 2023
- Dr. Mark Malisa, 2021, Educational Research and Administration - Granted Tenure and Promoted to Associate Professor 2022