UGUR KALE
Associate Professor of Instructional Design & Technology
School of Education
COLLEGE OF APPLIED HUMAN SCIENCES
WEST VIRGINIA UNIVERSITY

355 Oakland Street, Allen Hall 604D   1-304-293-2060
Morgantown, WV 26506, USA   ugur.kale@mail.wvu.edu

EDUCATION

PhD. Instructional Systems Technology, July 2007
　　　Major in School of Education, Indiana University, Bloomington
　　　Minor in Department of Telecommunications, Indiana University, Bloomington
M.S. Instructional Systems Technology, May 2002
　　　School of Education, Indiana University, Bloomington
B.S. Mathematics, July 1998
　　　Hacettepe University, Ankara, Turkey

ACADEMIC AND PROFESSIONAL APPOINTMENTS

2023-Present   Professor, Instructional Design and Technology, West Virginia University

2013-2023   Associate Professor, Instructional Design and Technology, West Virginia University

2013-2019   Program Coordinator, Instructional Design and Technology, West Virginia University

2015-2016   Visiting Scholar, Nanyang Technological University, Singapore

2015-2016   Curriculum Developer, Sim University, Singapore

2015-2016   Adult Learning Educator, The Institute for Adult Learning, Singapore

2014-Present   Curriculum developer, The Chicago School of Professional Psychology

2007-2013   Assistant Professor, Instructional Design and Technology, West Virginia University

2004 -2007Senior Research Associate, Persistent Issues in History Network, Indiana University

2005-2005   Information Designer, Recreational Sports, Indiana University,

2003-2004Research & Development Assistant, Inquiry Learning Forum, Indiana University

2002-2007   Associate Instructor, School of Education, Indiana University

1996-1998   Mathematics Teacher, Vizyon Education Institution, Turkey

1995-1996   Mathematics Teacher, Anit Education Institution, Turkey

GRANTS AND CONTRACTS

2022-2025   **Principal Investigator,** _(NSF #2142274) Teaching Science with Computational Thinking: Preparing Preservice Elementary Educators of the Future STEM Workforce:_ **Funded by** National Science Foundation (**$294,958**)

2022   **Principal Investigator,** _Self-paced Online Modules for Project TRAIN._ Funded by West Virginia University Faculty Senate Community Engagement for the development of online learning system for K12 teachers to work with students from families with substance use disorders (**$9,966**).

2020-2022   **Key Personnel,** _Helping West Virginia's Educators Navigate the Opioid Epidemic. Funded_ by WVDE Office of Special Education via Westat (**$328,721**)

2021   **Co-Principal Investigator,** STTR: _Assessment, Training, and Development Platform for Strategic Foresight._ Funded by the US Airforce via ACME General Corp (**$20,000**).

2011   **Co-Principal Investigator,** _Virtual Technology Enhanced Attainable Mathematics (VTEAM)_: **Funded** by the West Virginia Department of Education-Federal Programs of Harrison County Schools for development of virtual technology enhanced lesson study groups to provide mathematical content focused professional development opportunities in West Virginia (**$80,000**)

2010-2011   **Evaluator,** _Assessing Mobile Learning in West Virginia_: **Funded** by Verizon West Virginia Inc. This project examines the use of mobile learning devices in classrooms with the focus of mathematics, science, and technology. (**$30,000**).

2010-2011   **Co-Principal Investigator,** _Pilot study of Project-based Learning in Mathematics:_ **Funded** by the Buck Institute for Education for the development and the evaluation of a digital video classroom case for PBL enhanced mathematics in West Virginia (**$4,000**).

2010   **Evaluator,** _Assessment of online course development_. **Funded** by West Virginia Junior College for evaluating online learning modules developed for WVJC (**$2,000**).

2009   **Co-Investigator,** _Developing an Implementation Model for 21st Century Teaching and Learning:_ **Funded** by WV's Dept. of Education and WVU's Program to Stimulate Competitive Research for the development of cyberlearning in virtual worlds (**$10,000**).

2009   **Developer**. _Lead to a Defined Program of Study_. **Funded** by West Virginia University Extended Learning to develop online master's program in instructional design and technology (**$25,000**)

2008, 2011   **Consultant**, _Online tutorials and Adobe Flash._ **Funded** by Extended Learning, West Virginia University for designing online tutorials on instructional design for new WVU faculty members, and offering workshops on Adobe Flash for instructional designers (**$7,500**).

PEER-REVIEWED PUBLICATIONS

Manuscripts in Progress

Kale U., Kooken, A.,Yuan, J., Roy, A. (in press). Is it accessible? Preservice teachers' access to computational thinking. Manuscript accepted to *Contemporary Issues in Technology and Teacher Education.*

Journals Articles Published

Yuan, J., Savadatti, S., Houchins, A., & Kale, U. (2023). Engineering students' experience of surprise caused by test performance in foundational courses. *International Journal of Instruction*, 16(3), 823-842.

Stewart, A., Yuan, J., Kale, U., Valentine, K., & McCartney, M. (2023). Making space for writing: Makerspace activities and academic writing in middle school science classroom. *International Journal of Instruction,* 16(2), 125-144.

Kale U., Yuan, J., Roy, A. (2022). Thinking processes in Code.org. A relational analysis approach to computational thinking. *Computer Science Education,* 1-22. https://doi.org/10.1080/08993408.2022.2145549

Hershman, T., Yuan, J., Follmer, J., Kale, U., & White, C. (2022) The impacts of an entrepreneurial course on secondary students' entrepreneurial self-efficacy and entrepreneurial intentions. Entrepreneurship Education and Pedagogy.

Kale U., & Yuan, J. (2020). Still a new kid on the block? Computational thinking as problem solving in Code.org. *Journal of Educational Computing Research, 59*(4), 620-644. https://doi.org/10.1177/0735633120972050

Kale U., & Akcaoglu, M. (2020). Problem Solving and Teaching How to Solve Problems in Technology-Rich Contexts. *Peabody Journal of Education, 95*(2), 127-138. https://doi.org/10.1080/0161956X.2020.1745612

Kale, U., Roy, A. & Yuan, J. (2020). To design or to integrate? Instructional design versus technology integration in developing learning interventions. *Educational Technology Research and Development.* https://doi.org/10.1007/s11423-020-09771-8

Soomro, K.A., Kale, U., Curtis, R. et al. (2020) Digital divide among higher education faculty. *International Journal of Educational Technology in Higher Education, 17*, 21. https://doi.org/10.1186/s41239-020-00191-5

Akcaoglu, M., & Kale, U. (2018). Guest editors' introduction: Special issue on tinkering in technology-rich design contexts. *Interdisciplinary Journal of Problem-based Learning, 12*(2). DOI: https://doi.org/10.7771/1541-5015.1828

Kale, U., Akcaoglu, M., Cullen, T., Goh, D. (2018) Contextual factors influencing access to teaching computational thinking. *Computers in the Schools.* DOI: 10.1080/07380569.2018.1462630

Kale, U., Akcaoglu, M., Cullen, T., Goh, D., Devine, L., Calvert, N., & Grise, K. (2018) Computational what? Relating computational thinking to teaching. *TechTrends*, *62*(6) 574–58. DOI: https://doi.org/10.1007/s11528-018-0290-9

Kale, U. (2017). Technology valued? Observation and review activities to enhance future teachers' utility value toward technology integration. *Computers & Education, 117*, 160-174. DOI: 10.1016/j.compedu.2017.10.007

Kale U., & Akcaoglu, M. (2017). The role of relevance in future teachers' utility value and interest toward technology. *Educational Technology Research and Development*. *66*(2), 283-311. DOI 10.1007/s11423-017-9547-9

Soomro, K. A., Kale, U., Akcaoglu, M., Curtis, R., & Bernstein, M. (2017). Development of an instrument to measure faculty's information and communication technology access (FICTA). *Education and Information Technologies.* DOI: 10.1007/s10639-017-9599-9

Akcaoglu, M., & Kale, U. (2016). Teaching to teach (with) game design: Game design and learning workshops for preservice teachers. *Contemporary Issues in Technology and Teacher Education*, *16*(1). Retrieved from http://www.citejournal.org/vol16/iss1/general/article1.cfm

Hur, J.W., Shen, Y.W., Kale, U., & Cullen, T. (2015). An exploration of pre-service teachers' intention to use mobile devices for teaching. *International Journal of Mobile and Blended Learning*, *7*(3), 1-18.

Goh, D., & Kale, U. (2015). From print to digital platforms: A PBL framework for fostering multimedia competencies and consciousness in traditional journalism education. *Journalism and Mass Communication Educator.* 1-17. doi: DOI: 10.1177/1077695815589473

Goh, D., & Kale, U. (2015). The urban-rural gap: Project-based learning with technology among West Virginian teachers. *Technology Pedagogy, and Education*, *25*(3), 355-376. DOI:10.1080/1475939X.2015.1051490

Soomro, K. A., Kale, U., & Yousuf Z., S. (2014). Pre-service teachers' and teacher-educators' experiences and attitudes toward using social networking sites for collaborative learning. *Educational Media International*, 1-17. doi:10.1080/09523987.2014.977003

Kale, U., & Selmer, S. (2014). Guiding the development of practice-oriented teacher knowledge. *The International Journal of Adult, Community, and Professional Learning, 20*(3), 25-37.

Kale, U., Wu, C.H., & Clausell, C.(2014/Winter). WebPACK: Future teachers' plans and practices with emerging tools. *Journal for Computing Teachers,* 43-54.

Kale, U., & Goh, D. (2014). Teaching style, ICT experience and teachers' attitudes toward teaching with Web 2.0. *Education and Information Technologies, 19*(1), 41-60.doi:10.1007/s10639-012-9210-3. **[Counted as in-press for Associate review]**

Selmer, S., & Kale, U. (2013) Teaching mathematics through problem solving. *Innovación Educativa 13(*62), 45-60.

Kale, U. (2013). Can they plan to teach with Web 2.0? Future teachers' potential use of the emerging web. *Technology, Pedagogy and Education*, *23*(4), 471-489. doi: 10.1080/1475939x.2013.813408

Kale, U., & Whitehouse, P. (2012). Structuring video cases to support future teachers' problem-solving. *Journal of Research on Technology in Education, 44*(3), 175-202.

Kale, U., Brush, T., Bryant, A., & Saye, J. (2011). Online communication patterns of teachers. *Journal of Interactive Learning Research*, *22*(4), 489-520.

Kale, U., Brush, T., & Saye, J. (2009). Assisting teachers' thinking and participation online. *Journal of Educational Computing Research, 41*(3)*,* 287-317.

Brush, T., Saye, J., Kale, U., Hur, J.W., Kohlmeier, J., Yerasimou, T., et al. (2009). Evaluation of the Persistent Issues in History Laboratory for Virtual Field Experience (PIH-LVFE). *Journal of Interactive Online Learning 8*(1), *41-62*.

Kale, U. (2008). Levels of interaction and proximity: Content analysis of video-based classroom cases. *The Internet and Higher Education. 11*(2), 119-128.

Hew, K., Kale, U., & Kim, N. (2007). Past Research in Instructional Technology: Results of a Content Analysis of 2000-2004 Published Empirical Studies. *Journal of Educational Computing Research 36*(3), 269-300.

Kale, U., & Rokopou, C. (2006). The Effects of Social Acquaintance and Gender on Performance and Attitudinal Outcomes within Cooperative Computer-Based Instruction. *International Journal of Learning Technology 2*(1), 77-91.

Book Chapters

Kale, U. (2013). Social network analysis: Applications in instructional technology field. In K. Cagiltay, Y. Goktas (Ed.), *Foundations of instructional technology: Theories, research, and trends* (pp.331-346): Ankara: ODTU Yayincilik.

Kale, U. (2011). Peer Assistance and Interaction in an Online Forum. In S. D'Agustino (Ed.), *Adaptation, Resistance and Access to Instructional Technologies: Assessing Future Trends In Education* (pp. 118-130). Hershey, PA: Information Science Reference. doi:10.4018/978-1-61692-854-4.ch008

Conference Proceedings

Kale, U. & Goh, D. (2011). Teachers' Experiences and Attitudes in Engaging Web 2.0 Emerging Technologies for Project-Based Learning. In M. Koehler & P. Mishra (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2011* (pp. 3268-3273). Chesapeake, VA: AACE.

Kale, U. & Whitehouse, P. (2011). Pre-Service Teacher Learning: Pedagogical Content Knowledge in Video-Based Problem-Solving. In M. Koehler & P. Mishra (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2011* (pp. 4360-4367). Chesapeake, VA: AACE.

Doherty, Y., O'Hara, F., Rahman, A. & Kale, U. (2008). Teaching and Learning Experience in a Multimedia Course: Student Team Perspective. In C. Bonk et al. (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2008* (pp. 1556-1558). Chesapeake, VA: AACE.

Kale, U. & Whitehouse, P. (2008). From Watching to Learning: A Hands-On Mentoring Model for Teacher Education and Professional Development. In C. Bonk et al. (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2008* (pp. 1687-1693). Chesapeake, VA: AACE.

Kale, U. (2008). What do they think? Teachers' level of thinking online during their professional development. In C. Bonk et al. (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2008* (pp. 1694-1703). Chesapeake, VA: AACE.

Kale, U. (2005). Participation and knowledge creation in online teacher collaboration. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2005* (pp. 885-891). Chesapeake, VA: AACE.

Hur, J.W., Brush, T., Kim, K.J., Tan, A., Dysard, G., Liu, X., Feng, Y., Kale, U., Chen, L. & Saye, J. (2005). Online forum: a tool that can foster teachers' collaborative reflection. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2005* (pp. 2259-2260). Chesapeake, VA: AACE.

KEYNOTES

Kale, U. (April, 2016). *Technology, competence, & beyond: What does it take to "flip" learning?* Keynote at Educational Psychology and Technology Residency Meeting of the Chicago School of Professional Psychology, Chicago.

INVITED TALKS & PRESENTATIONS

Kale, U (August, 2023). *Computational thinking in preservice teacher education.* Presented at Professional Development Series by the Research and Theory Division of the Association for Educational Communications and Technology. Online Webinar.

Kale, U (August, 2017 & 2018). *Flipped class model.* Presented at China's Zhejiang University City College Summer Faculty Development Program, Morgantown, WV.

Kale, U (July, 2017 & 2018). *Instructional design and technology*. Presented at China's Zhejiang University City College Summer Faculty Development Program, Morgantown, WV.

Kale, U (March 2018). Robotics Demo @ North Elementary. Presented at North Elementary School's Cool Coder Club, Morgantown, WV.

Kale, U. (March, 2016). *How "flipped" is your learning? Emerging technologies in creating new educational experiences*. Presented at the Nanyang Technological University, Singapore.

Kale, U. (August, 2016). *Instructional design and online pedagogy for workplace eLearning.* Full day workshop presented at the Institute for Adult Learning, Singapore.

Kale, U. (November, 2015). *Instructional design and online pedagogy for workplace eLearning.* Full day workshop presented at the Institute for Adult Learning, Singapore.

Kale, U. (October, 2015). *Maximizing teaching and learning experiences through eLearning.* Presented at the Changi General Hospital, Singapore.

Kale, U. (September & October, 2015). *Web tools, instructional design, and online pedagogy for workplace training.* Presented at the Institute for Adult Learning, Singapore.

PEER-REVIEWED PRESENTATIONS

Kale, U., Kooken, A., Yuan, J., & Roy, A. (April, 2023). *Preservice Teachers' Access to Computational Thinking.* Paper presented at American Educational Research Association Annual Conference, Virtual.

Kale, U., & Yuan, J. (April, 2021). *Still A New Kid on the Block? Computational Thinking as Problem Solving in Code.org.* Paper presented at American Educational Research Association Annual Conference, Virtual.

Kale, U., Yuan, J., & Lucentini, N. (October, 2019). *Does coding mean thinking computationally? Degree of computational thinking promoted in Code.org.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Las Vegas, NV.

Kale, U., Yuan, J., & Roy, A. (October, 2019). *To design or to integrate? Instructional design versus technology integration knowledge in developing learning interventions.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Las Vegas, NV.

Woods, J. & Kale, U. (October, 2019). *Exploring postsecondary learners' synchronous interaction in distance group work via connective ethnography.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Las Vegas, NV.

Roy, A., Kale, U., & Yuan, J. (November, 2019). *Using associated networks to evaluate content within courses.* Paper presented at the American Evaluation Association Annual Conference, Minneapolis, MN.

Kale, U. & Akcaoglu, M., Cullen, T., & Goh, D. (November, 2017). *Readiness for Teaching Computational Thinking in Rural Schools.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Jacksonville, FL.

Kale, U., Devine, L., Calvert, N., & Grise, K. (July, 2017) *Teaching Computational Thinking.* Paper presented at WV Statewide Technology Conference, Morgantown, WV

Kale, U. (April, 2017). *Recognizing value of technology: Observation and review activities to enhance utility value toward technology integration.* Paper presented at American Educational Research Association Annual Conference, San Antonio, TX

Kale, U. & Akcaoglu, M. (June, 2016). *Technology demonstration: KODU-a game design tool to equip future teachers with.* Paper presented at the International Communication Association Conference, Fukuoko, Japan.

Kale, U. & Akcaoglu, M. (April, 2016). *Outcomes of a relevance intervention on preservice teachers' utility value and interest in technology integration.* Paper presented at American Educational Research Association Annual Conference, Washington, DC. **See Awards & Honors.**

Akcaoglu, M. & Kale, U. (November, 2015). *Teaching to teach (with) game-design: Game-design and learning (GDL) workshops for preservice teachers.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Indianapolis, IN.

Hayes, S., Selmer, S., Bolyard, J., & Kale, U. (February, 2015). *How they influence our questions, practices, identities.* Paper presented at ATE Annual Conference, Phoenix, Arizona.

Hayes, S., Selmer, S., Bolyard, J., & Kale, U. (April, 2014). *Learning with and from each other: Professional learning communities as spaces for studying our teaching.* Paper presented at American Educational Research Association Annual Conference, Philadelphia, PA.

Hur, J.W., Wang, Y., Kale, U., & Cullen, T. (April, 2014). *Exploring pre-service teachers' intention to use mobile devices for teaching.* Paper presented at American Educational Research Association Annual Conference, Philadelphia, PA.

Soomro, K.A., Kale, U., & Ali, S. (April 2014). *SNS (Social Networking Site) as a tool for collaborative learning.* Paper presented at American Educational Research Association Annual Conference, Philadelphia, PA.

Hayes, S., Selmer, S., Bolyard, J., Kale, U., Brookover, R., …Wilson, J. (Feb, 2014). *Integrating professional and student learning: Creating spaces for learning to teach in context.* Paper presented at WVPD Annual Conference, Flatwoods, West Virginia.

Baylen, D.M., Lin, M.G., Kale, U., Leong, P., & Leh, A. (October, 2013). *First-year experience, tenure and promotion: International faculty on tenure-track.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Anaheim, CA.

Baylen, D.M., Kim, J.Y., Paek, S., & Kale, U. (October, 2013). *Stories, Struggles, and Strategies: International Students and Faculty Job Searches.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Anaheim, CA.

Ottenbreit-Leftwich, A., Kale, U., Banas, J., & Ball, M. (October, 2013). *TED-The technology service course for teacher education: Materials and methods share.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Anaheim, CA.

Kale, U., Wu, C.H., & Clausell, C.(June, 2013). *Web2.0PACK: Future Teachers' Plans and Practices with Emerging Tools.* Paper presented at International Communication Association Conference, London, UK.

Kale, U., Wu, C., & Convey, E. (April, 2013). *Scaffolding pre-service teachers' reflection on technology integration.* Paper presented at the American Educational Research Association Annual Conference, San Francisco, CA.

Kale, U. (November, 2012). *Using web 2.0 multimedia to reflect on teaching.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Louisville, KY.

Kale, U., Clausel, C., & Wu, C.H. (November, 2012). *TPACK when using web 2.0: Future teachers' practices with emerging internet tools.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Louisville, KY.

Kale, U., & Goh, D. (May, 2012). *Finding the gap: Technology-enhanced PBL among urban and rural teachers in West Virginia.* Paper presented at the International Communication Association Conference, Phoenix, AZ. **See Awards & Honors.**

Whitehouse, P.L., & Kale, U. (April, 2012). *Just ask Alice: Using gaming software to develop math content and technological pedagogical content.* Paper presented at the American Educational Research Association Annual Conference, Vancouver, Canada. **See Awards & Honors**

Whitehouse, P.L., Kale, U., Selmer, S., Bolyard, J., & Bernstein, M. (April, 2012). *Virtual technology-enhanced attainable mathematics (V-TEAM): An integrated mathematics lesson study project*. Paper presented at the American Educational Research Association Annual Conference, Vancouver, Canada.

Goh, D & Kale, U. (July, 2011). *Identifying barriers to Web 2.0 access among urban and rural teachers in West Virginia.* Paper presented at the International Association for Media and Communication Annual Conference, Istanbul, Turkey.

Kale, U., Selmer, S., & Ravitz, J. (April 2011). *A Video case study of a PBL- mathematics classroom: Supporting professional development in West Virginia* Paper presented at American Educational Research Association Annual Conference, New Orleans, LA.

Kale, U., & Goh, D. (March, 2011). *Teachers' experiences and attitudes in engaging Web 2.0 emerging technologies for project-based learning*. Paper presented at Society for Information Technology and Teacher Education Annual Conference, Nashville, TN.

Kale, U, & Whitehouse, P. (March, 2011). *Pre-service teacher learning: Pedagogical content knowledge in video-based problem solving*. Paper presented at Society for Information Technology and Teacher Education Annual Conference, Nashville, TN.

Kale, U. & Goh, D. (2010, June). *Teachers' attitudes toward using Web 2.0 in teaching*. Paper presented at the International Communication Association, Instructional Development Division, Singapore.

Kale, U. (2010, May). *Are they web2.0 ready? Future teachers' instructional use of web 2.0 tools*. Paper presented at the American Educational Research Association Annual Conference, Denver, CO.

Kale, U. (2010, May). *Teachers' online interaction and conceptual understanding*. Paper presented at the American Educational Research Association Annual Conference, Denver, CO.

Kale, U., Whitehouse, P., & Hayes, S.B. (2009, October). *The level of pedagogical content knowledge during video-based problem solving*. Paper presented at the Association for Educational Communications and Technology Annual Conference, Louisville, KY.

Kale, U. (2009, April). *Peer assistance and interaction in an online forum.* Paper presented at the American Educational Research Association Annual Conference, San Diego, CA.

Hayes, S.B., Smith, J.J., Steel, S., & Kale, U. (2009, March) *Reflection through digital stories: An examination of preservice educators experiences in professional development schools*. Paper presented at the annual conference of the National Association of Professional Development Schools, Daytona Beach, FL.

Kale, U. (2008, November). *What do they think? Teachers' level of thinking online during their professional development*. Paper presented at the E-Learn Annual Conference, Las Vegas, NV.

Kale, U., & Whitehouse, P. (2008, November). *From watching to learning: A hands-on mentoring model for teacher education and professional development.* Paper presented at the E-Learn Annual Conference, Las Vegas, NV.

Doherty, Y., O'Hara, F., Rahman, A., & Kale, U. (2008, November). *Teaching and learning experience in a multimedia course: Student team perspective.* Paper presented at the E-Learn Annual Conference, Las Vegas, NV.

O'Hara, F., Doherty, Y., & Kale, U. (2008, September). *Designing curriculum and connecting community: A case study for problem based learning and community service*. Paper presented at the West Virginia Technology and Higher Education Conference, Morgantown, WV.

Kale, U (2008, April). *How are they helped? Content analysis of assistance types provided to teachers in a professional development program.* Paper presented at the American Educational Research Association Annual Conference, Teacher Education Division, New York, NY.

Kale, U., Hur, J., Yerasimou, T ., Guo, L., Symonette, S., & Brush, T. (2007, October). *Can they use it to learn? Usability testing with pre-service teachers learning through video cases*. Paper presented at the Association for Educational Communications and Technology Annual Conference, Teacher Education Division, Anaheim, CA.

Kale, U. (2007, October). *Interaction and Proximity: Content analysis of video-based classroom cases.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Teacher Education Division, Anaheim, CA.

Brush, T., Saye, J., W., Kohlmeier, J., Hur, J. W., Kale, U., & Feng, Y. (2007, April). *Evaluation of persistent issues in the history laboratory for virtual field experience (PIH-LVFE).* Paper presented at the American Educational Research Association, Chicago, IL.

Kale, U., Hur, J., Yerasimou, T., Guo, L., Symonette, S., & Brush, T. (2007, March). *Usability testing of a video-based database for pre-service teachers*. Paper presented at the Instructional Systems Design Annual Conference, Bloomington, IN.

Kale, U., & Bryant J, A. (2006, July). *Applications of social network analysis in an online forum of teachers.* Paper presented at the International Communication Association, Instructional Development Division, Dresden, Germany.

Kale, U., Hur, J., Yerasimou, T., & Brush, T. (2006, July). *A model for video-based virtual field experience*. Paper presented at the International Conference of the Learning Sciences, Bloomington, IN

Kale, U., Hew, K., & Kim, N. (2006, April*). Research trends in instructional technology: A content analysis of 2000-2004 published empirical studies*. Paper presented at the American Educational Research Association Annual Meeting, Learning and Instruction Division, San Francisco, CA.

Kale, U., & Rokopou, C. (2005, November). *The effects of social Acquaintance and gender on performance and attitudinal outcomes within cooperative computer-based instruction*. Paper presented at the National Communication Association Annual Conference, Instructional Development Division, Boston, MA.

Kale, U., Hur, J., & Dysard, G. (2005, October). *Increasing teachers' participation in an online forum.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Teacher Education Division, Orlando, FL.

Hew, K., Kale, U., & Kim, N. (2005, October). *Past research in instructional technology: Results of a content analysis of 2000-2004 Published Empirical Studies.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Research and Theory Division, Orlando, FL.

Kale, U. (2004, November). *Participation and knowledge creation in online teacher collaboration.* Paper presented at the Society for Information Technology and Teacher Education, Phoenix, AZ.

Kale, U. (2004, October). *High school mathematics teachers' teaching practices and possible contributions to these practices from a professional development program.* Paper presented at the Association of Educational Communication and Technology Annual Conference, Research and Theory Division, Chicago, IL.

Kale, U. (2003, April). *The effects of human-like agent character-based supported computer settings on students learning from and interaction with computers.* Paper presented at the Instructional Systems Design Annual Conference, Bloomington, IN.

TEACHING EXPERIENCE	
West Virginia University	
Fall 2022	IDT740: Design Studio: Course on using design thinking to create innovative instructional products.
Fall 20 – Fall 21	CDFS 250: Research Methods: Course on learning how to become competent and critical readers and evaluators of research reports
Spr 19-Spr 23	EDUC/C&I440-442: Science Education Methods: Course on teaching and learning of preK-8 science through analysis of teaching methods/approaches, curriculum patterns, and trends in elementary school science.
Spr 17 –Spr 22	IDT 693F/680: Computational Thinking: Course on using the methods of teaching problem solving to promote computational thinking processes.
Sum 15 –Sum 19	IDT655: Technology for Teachers: Course on designing and reflecting on learning activities incorporating social, mobile and computing technologies.
Fall 07 – Spr 23	IDT 693/650 Multimedia Learning: Course on employing multimedia for quality instructional development.
Fall 07- Spr 15	IDT 691/600 Issues and Trends in Instructional Technology: Course on current & future issues that impact on the field of instructional technology.
Spring 15, Spring 19	EDP740 Principles of Instruction: Course on the application of various teaching models in face-to-face and online settings.
Sum 09- Fall 21	EDP 640 Instructional Design: Course for teachers and administrators on instructional design for professional development.
Fall 08- Spring 14	EDUC 311 EDUC 312 Practicum 1 & 2- Technology Integration: Course on incorporating technologies in lesson plans and tutoring strategies.

Spring 09 -Summer 22	EDP 612 Introduction to Educational Research**:** Course on quantitative and qualitative research methods in education.
Fall 08, 09	EDUC 400 Instructional Design and Evaluation: Course on instructional design strategies in lesson planning and implementation.
Spring 08	IDT 794 Prototype Studio: Course on prototyping and usability concepts for quality computer-based instructional development
Spring 08	IDT 744 Instructional Technology Integration: Course on effective integration of instructional technologies in K-12 settings.
Spring 08, Spring 11	EDP 600 Educational Psychology: Course on designing, delivering, and evaluation of instruction by incorporating learning theories practices.
Indiana University	
January 06-May 07	W401 Integrating Technology in Teaching: Course on integrating technology in teaching and learning activities.
Fall 05	W201 Beginning Technology Skills: Course on computer skills and the use of multimedia software and web development for teaching
Fall 02	R521 Instructional Design and Development I: Course on designing and developing instruction
Education Institutions, Turkey	
95-98	Mathematics: Courses on middle and high school level geometry and algebra

SERVICE ACTIVITIES

09-15, 22-24	Senator, WVU Faculty Senate
2022	Member, WVU Faculty Senate Research and Scholarship Committee
2020	External Reviewer**,** *for East Carolina University's Department of Mathematics Education, Science Education, and Instructional Technology*
2018	Member, EDP Search Committee, LSHD, CEHS WVU
2018	Panel Reviewer, National Science Foundation, Discovery Research PreK-12
2018-Present	Reviewer, TechTrends
2018-Present	Reviewer, Computers and Education
2017	Reviewer, Journal of Applied Developmental Psychology
2017	Media Interview, 2017's Best & Worst States for Teachers (https://wallethub.com/edu/best-and-worst-states-for-teachers/7159/#ugur-kale).
2015	Reviewer**,** Cambridge University Press.
2013-2015	Member at large, AECT, Teacher Education Division.
2012	Reviewer, AECT IAP-DDL Distance Education Best Practices Award
2012	Reviewer, Applied Education (APPED) Congress, METU, Ankara
2010-2012	Member, WVU General Education Curriculum Oversight Committee
2010	Presenter, West Virginia University Brown Bag Luncheon: Social Networking the 21st Century Virtual Community
08, 14, 17,19, 20	Member, Faculty Executive Committee of WVU College of Education

2018-2019	Chair, Faculty Executive Committee of WVU College of Education
2016-2018, 20	Chair, LSHD Annual Peer Review Committee of WVU College of Education
2009-2016	Reviewer, British Journal of Educational Technology
2008-2010	Reviewer, Journal of Computer Mediated Communication
2009-2010	Presenter, Nature of Inquiry course in the interdisciplinary PhD program of HRE
2008	Instructional Developer, WVU Teaching Scholars Project by Extended Learning
2008	Presenter, Application of Social Network Analysis, WVU Extended Learning.
2008	Instructional Developer, Flash Workshop for WVU Instructional Designers
2009-Present	Editorial Board Member, International Journal of Education
2008-Present	Reviewer, The Internet and Higher Education
2008-Present	Reviewer, Ondokuzmayis University Education Faculty Journal, Turkey
2008-Present	Reviewer, Education and Treatment of Children
2007-2015	Liaison, The Benedum 5 Year Teacher Education Program, Morgantown
2007	Member, TLC Peer Review Committee, WVU, Morgantown
2007	Instructor/Facilitator, Faculty Academy Team, WVU, Morgantown
2008	Presentation chair, American Educational Research Association Annual Meeting
2005- Present	Reviewer, American Educational Research Association Annual Meeting
2006	Student ambassador, IST Department, Indiana University, Bloomington.
2006	Reviewer, International Conference of the Learning Sciences, Bloomington, IN.
2004	Presentation Facilitator, AECT Annual Conference, Chicago, IL.
2005-2006	Volunteer, Wonderlab Museum, Bloomington, IN.
July, 2003	Intern, Smithsonian Folkways Recording, Washington DC.

DISSERTATION COMMITTEES

2020-Present	Christine Titus: Instructional Design and Technology, WVU (**Chair**)
2022-2023	Maria Boki, Program Evaluation, WVU (**Co-Chair**)
2022-2023	Lorilei Thompson, Special Education
2020-2023	Amanda Walkup, Special Education, WVU
2018-2022	Angie Berna Milliren, Instructional Design and Technology, WVU (**Chair**)
2017-2019	Danielle Massullo: Interdisciplinary Education (**Chair**)
2017-2022	Lee Silverman: Instructional Design and Technology (**Chair**)
2016-2021	Leah Mcjilton: Instructional Design and Technology (**Chair**)
2017-2022	Jojo Shay: Instructional Design and Technology (**Chair**)
2016-2019	Cathryn Hoel: Instructional Design and Technology (**Chair**)
2018-Present	Diana McCarty: Instructional Design and Technology, WVU (**Chair**)
2018-2022	Sally Ayob: Instructional Design and Technology, WVU (**Chair**)
2018-Present	Atsuko Bealmear: Instructional Design and Technology, WVU (**Chair**)
2018-2019	Vicki Iber: Instructional Design and Technology, WVU (**Chair**)
2018-2021	Vijay Raol: Instructional Design and Technology, WVU (**Chair**)
2018-2021	Hui Shi: Interdisciplinary Education, WVU (**Chair**)
2016-2018	Evaldora Wheeler: Educational Psychology, WVU (**Chair**)
2013-2015	Daniel Richter: Instructional Design and Technology, WVU (**Chair**)

2013-2015	Kamal Soomro: Instructional Design and Technology, WVU (**Chair**)
2007-2014	Angela Reh: Educational Leadership, WVU (**Chair**)
2011-2015	Leilani Browning: Educational Leadership (**Chair**)
2013-2022	Gabriela Martin-Barbosa, Instructional Design and Technology, WVU
2019-2022	Jill Woods, Interdisciplinary PhD, WVU
2021-2022	Ashley Kooken, Curriculum and Instruction, WVU
2020-2022	Tracy Beckley, Instructional Design and Technology, WVU
2009-2017	Robin Youger Instructional Design and Technology, WVU
2017-2021	Robin Bowen: Instructional Design and Technology, WVU
2014-2016	Angel Cannon, Instructional Design and Technology, WVU
2014-2014	Tori Jackson, Educational Leadership, WVU (**Method Advisor**)
2014-2016	Chrystal Smith, Instructional Design and Technology, WVU
2013-2014	Monica McCartney, Instructional Design and Technology, WVU
2009-2010	Marie Leichliter: Instructional Design and Technology, WVU
2009-2010	Laura Adams: Instructional Design and Technology, WVU
2009-2013	Toni Hando: Instructional Design and Technology, WVU
2013-2016	Christopher Clausell Instructional Design and Technology, WVU
2009-2012	Joseph Nyandusi Nyachae: Instructional Design and Technology, WVU
2013-2016	Benson Njoroge: Instructional Design and Technology, WVU
2015-2016	MaryLu Hutchings, Educational Leadership, WVU
2009-2016	Tori Knight: Educational Leadership, WVU
2009-2014	Diane Davis: Educational Leadership, WVU
2014-2014	Pam Deering, Educational Leadership, WVU

AWARDS AND HONORS

2022	Nominated for Outstanding Teaching Award, College of Education and Human Services, West Virginia University
2021	Nominated for Outstanding Researcher Award, College of Education and Human Services, West Virginia University
2020	Nominated for Outstanding Researcher Award, College of Education and Human Services, West Virginia University
2019	Nominated for Outstanding Teaching Award, College of Education and Human Services, West Virginia University
2016	Nominated for Top Paper Award, American Educational Research Association, Technology as an Agent of Change in Teaching and Learning Special Interest Group.
2012	Top Paper Award, International Communication Association, Instructional and Developmental Communication Division.
2012	Nominated for Top Paper Award, American Educational Research Association, Technology as an Agent of Change in Teaching and Learning Special Interest Group.
2016	Nominated for Outstanding Teaching Award, College of Education and Human Services, West Virginia University

2015	Nominated for Outstanding Teaching Award, College of Education and Human Services, West Virginia University
2013	Outstanding Teaching Award, College of Education and Human Services, West Virginia University
2011	Outstanding Teaching Award, College of Education and Human Services, West Virginia University
2008-2016	Faculty Senate Travel Award, West Virginia University.
2008	Best Client Innovation Showcase, West Virginia Technology and Higher Education Conference, Morgantown, WV
2006-2007	Graduate Assistantship, School of Education, Indiana University.
2000-2006	Education Abroad Scholarship for Graduate Degree, National Education of Turkish Rep.
2006	L.C. Larson Professional Development Award, School of Education, Indiana University.
2005	IST Student Conference Travel Award for the Professors of Instructional Design and Technology Annual Meeting, 2005, Estes Park, CO.