

Monday, March 23

9:30 AM-5:00 PM

2nd Floor Wyeth Foyer

Registration

10:00 AM-12:30 PM

Wyeth C

65573: BYOL: Computational Thinking & Computer Science Through a Creative Arts Pathway (registration required) [65573]
Roger Wagner, 1010technologiescom, USA

Whistler A

65577: From Vision to Practice: Designing AI-Integrated, Inquiry-Based STEM Curriculum for Educator Preparation Programs and K-12 Professional Learning [65577]
Michaine Ashley, Texas Woman's University, USA

Homer

65770: Empowering Educators Through Digital Storytelling: A Hands-On Workshop for Amplifying Student Voices [65770]
Laura Strong, Samantha Fecich, Slippery Rock University, USA

Whistler B

65834: Bridging the TPACK Gap: Empowering Educators to Implement Computer Science and Digital Fluency Standards [65834]
Julianne Ross-Kleinmann, Ulster BOCES, USA

Hopper

65920: Implementing Virtual Reality in the Classroom [65920]
Gulsebnem Bishop, Campbellsville University, USA

1:00-3:30 PM

Whistler A

65689: Generative Thinking: A New Approach To AI In The Classroom [65689]
Jim Roche, Trevor Day School, USA

Homer

65720: Joint Progression in AI Literacy: Faculty & Student Integration Models for Higher Education [65720]

Scott Gregory, Angela Walters, Fort Hays State University, USA

Wyeth C

65741: Generative AI in K–12: Rebuilding Critical Thinking and Communication Skills for the Future Workforce [65741]

Aaron Ross, Yeshiva University, Katz School of Science and Health, USA

Hopper

66092: Gamifying conversations about AI in PK-12 education: The RECAPT framework in action [66092]

Paula Cristina Azevedo, Marymount University, Oliver Dreon, Millersville University, Elizabeth Langran, Marymount University, USA

1:45-4:15 PM

Wyeth A

66528: Preparing Teachers to Differentiate Instruction through Computational Thinking and AI Practice [66528]

Rhonda Bondie, Hunter College, USA

2nd Floor Wyeth Foyer / Beverage Break: 1:45-2:00 PM

3:00-5:30 PM

Wyeth B

65947: AI Does Not Mean All In: Using the AUGMENT Model for Meaningful Teaching and Learning Across the Curriculum [65947]

Torrey Trust, Robert Maloy, University of Massachusetts Amherst, USA

4:00-6:30 PM

Homer

65976: Project-Based Learning in the AI Era: Scaffolding Student Inquiry and Innovation [65976]

Gina Solano, State University of New York - Oneonta, USA

Hopper

66242: Gauging Student Understanding in the Age of AI: Using GenAI to Design Process-Centered Formative Assessments [66242]

Karen Kirsch Page, Center for Technology and School Change, Teachers College, Columbia University, Jacqueline Pilati Mirón, Center for Technology and School Change Teachers College, Columbia University, USA

Wyeth C

66696: Introduction to Virtual Reality (VR) Training Workshop [66696]

James Oigara, The State University of New York College at Geneseo (SUNY), Aimee Maoriello, SUNY Geneseo, USA

7:00-10:00 PM

76ers Xfinity Mobile Arena

Mon SITE NBA Night: Thunder @ 76ers NBA Game (Group 2)

Mon SITE NBA Night: Thunder @ 76ers NBA Game (Sold-out)

Tuesday, March 24

8:00 AM-5:30 PM

2nd Floor Wyeth Foyer

Registration

2nd Floor Wyeth Foyer / Kick Off Coffee: 8:15-8:45 AM

8:15-8:45 AM

Wyeth C

New Comer Welcome Event

9:00-10:00 AM

Wyeth Ballroom ABC

Welcome, General Session & Keynote: Teaching to Transgress...The Algorithm: Resisting, Revising, and Reimagining Inequitable AI Systems in Education

Keynote: Tiera Tanksley, University of California, USA. \par \par Since the high-profile release of ChatGPT in 2022, the desire to leverage the power of AI to transform teaching and learning has hit a fever pitch. Believed by many as the “silver bullet” that will bring an end to educational inequality, AI technologies continue to proliferate within college classrooms and across campuses, promising to bolster academic achievement, spark student engagement and ensure campus safety all while lessening the workload of overworked and systemically underpaid faculty and staff. However, as research is beginning to show that many of the AI technologies being used in and designed for institutions of learning are rife with algorithmic biases that threaten to exacerbate – rather than remediate – educational inequity for historically marginalized students. In this presentation, I will discuss the challenges, critiques, and calls to action that currently permeate the field of education concerning AI, and highlight how an explicit focus on justice and educational equity within the design, procurement, use and teaching of AI technologies can produce transformative changes for teaching and learning. I simultaneously center the technological innovations of Black youth that participate in the Race, Abolition and Artificial Intelligence program, and in doing so showcase how we can collectively reimagine, rebuild and even refuse anti-Black AI systems within education. \par \par Bio: Dr. Tiera Tanksley is a Senior Research Scientist whose work examines the socioemotional, mental health and academic impacts of digital and artificially intelligent technologies

on Black youth. Her scholarship, which theorizes a critical race technology theory (CRTT) in education, examines anti-Blackness as the “default setting” of schools and school-based technologies. Her work simultaneously recognizes Black youth as digital activists and civic agitators, and examines the complex ways they subvert, resist, and rewrite racially biased technologies to produce more-just and joyous digital experiences for Communities of Color across the diaspora. In 2020, Dr. Tanksley founded the Race, Abolition and Artificial Intelligence summer program – a critical science and technology program that prepares young people to have more critical, agentic and algorithmically-conscious relationships with digital technologies that exist within and beyond the educational setting. In 2025, she was awarded an AI in Education research grant from the Spencer Foundation.

10:15-11:15 AM

Wyeth A / Full Papers

TPP **Digital Culture in the BNCC: a Transversal Mapping of Skills for Middle School** [66601]
Hery T F de Oliveira, UFRN, Dennys Leite Maia, Universidade Federal do Rio Grande do Norte, Brazil

TPP **What Counts As ‘Data’ in U.S. Education? an Analysis of Data Science 4 Everyone’s State of the Field Report** [66733]
Shreepriya Dogra, Bruna Damiana Heinsfeld, University of Minnesota, Twin-Cities, USA

Wyeth B / Full Papers

CT **Age and Gender-Related Differences in Developing Computational Thinking Through Peer Tutoring in Educational Robotics** [65840]
Vaso Anastasiou, Charoula Angeli, University of Cyprus, Cyprus

DE **A Consideration of the Influence of Faculty Status, Instructional Modality, and Technology in Online Science Education. a Case Study.** [65650]
Richard Pierce, Dana Kirkwood-Watts, Yavapai College, Wallace Marsh, University of Texas at Tyler, USA

Whistler A / Full Papers

GAI **The Edu-GenAI Rubric: a Tool for Assessing the Educational Value of Large Language Models and Asset Generators** [66741]
Margaret Donnelly, UNC Chapel Hill, Todd Cherner, University of North Carolina Chapel Hill, USA

SE **Utilizing Technology Tools for Place-Based Water Quality Lessons: the Impact on Middle School Student Motivation, Phase 2** [66665]
Pascale Creek Pinner, Hilo Intermediate School, Jan Ray, University of Hawaii at Hilo, USA

Whistler B / Full Papers

EQ **Reclaiming Rural Science Education: Modelling Teachers’ Intentions to Use Virtual Labs in the Global South** [65552]
Brian Shambare, Thuthukile Jita, Loyiso Jita, University of the Free State, South Africa

EQ **Fostering Critical AI Literacy: Preservice Teachers Explore Equity Implications of AI Tools** [65792]
Lauren Weisberg, University of Texas at Arlington, USA

Homer / Full Papers

GE **Analyzing AI Teacher Professional Development Materials Through the PICRAT Framework: Insights From South Korean K–12 Education** [66042]
Seeun Jeon, University of Minnesota, USA

TLET **STEAM Education and Creative Learning: Insights From a Teacher Training Workshop Aligned With the Sustainable Development Goals** [66637]
Raíza Soares, Graduate Program in Innovation in Educational Technologies (PPgITE/UFRN), Giluiza Borges, Maria Santos, Angélica Oliveira, Dennys Maia, Universidade Federal do Rio Grande do Norte, Brazil

Wyeth C / Roundtable (F2F) (1 hr)

ECE **AI-Powered Digital Storytelling: Preservice Teachers' Perceptions of GenAI in Early Childhood Education** [65897]
Shuling Yang, Alex Arbor, Shalyee Chubin, University of Maryland, Baltimore County, USA

EE **Teaching English in the Age of AI** [65876]
Kelly Tobias, Chartiers Valley High School, Shimikqua Ellis, Murray State University, USA

NPI **From Tools to Transformation: Using Educational Technology to Strengthen Teacher Preparation and Equity** [66484]
Nakia Avery, Avery Consulting Services LLC, USA

TLET **Teaching Beyond Templates: Innovating With Canva Code for Student Engagement** [65810]
Allyson Chappell, MCPSS, USA

Hopper / Full Papers

GAI **Reconceptualizing Education for an Artificial Intelligence World** [66222]
Matt Bower, Macquarie University, Australia

SOC **Investigating the Reciprocal Relationship Between Spatial Learning Attitudes and Geospatial Inquiry: Results From a GIS Competition** [66118]
Curby Alexander, Kristen Brown, Molly Weinburgh, Texas Christian University, USA

Warhol 8th Floor / Full Papers

C3 **Benefits of a Servant Leadership Framework for Fostering Belonging in Virtual Learning Environments** [66019]
Lori Doyle, Tanya Tarbutton, Timothy Young, Catherine Webb, Concordia University Irvine, USA

ECE **Collaborative Curriculum Design: a Teacher, a Researcher, and Kindergartners Shaping the AI Learning Experience** [66048]
Sohheon Yang, Indiana University, USA

Benton 8th Floor / Full Papers

TLET **Digital Technology Not the Game Changer in Early Grade Reading: Social Justice and Digital Equity Lens** [65913]

Reuben Dlamini, University of the Witwatersrand, South Africa

TLET Modeling Teacher Development: Representing Metacognitive and Developmental Trajectories in Professional Learning [66408]

M. Elizabeth Azukas, Georgia Institute of Technology, USA; David Gibson, Curtin University, Australia

Cassatt 8th Floor / Full Papers

GS Mathematical Meaning in Digital Math Games: a Content Analysis of Language, Visuals, and Design Features [66627]

Allison L. Roxburgh, Idaho State University, USA

GS Using a Commercial Videogame in a COIL Icebreaker Activity Between Japanese and U.S. College Students [66729]

Tetsu Aboshi, New Mexico State University, Akio Abe, University of Nevada, Reno, USA

Pollack 8th Floor / Full Papers

ID Scaffolding in Problem-Solving Prior to Instruction: Effects of Learner Characteristics on Failure- and Success-Driven Approaches [66488]

Shota Higuchi, Yuki Watanabe, Graduate School of Science, Tokyo University of Science, Japan

ID Designing a Mobile Learning Experience for Access to STEM and Literacy [66722]

Luke Ziegler, University of West Georgia, Leigh Martin, Kennesaw State University, Cherisse Campbell, University of West Georgia, USA

Calder 8th Floor / Full Papers

CSE Pioneering Preparedness: How a CT-Focused Field Experience Can Highlight Gaps in 2e Teacher Preparation [66241]

Christopher Martini, Rachel Billman, Kandace Hoppin, Roba Nawash, Towson University, USA

CSE A Landscape Analysis of K-8 Integrated Computer Science Lessons: Instructional Quality, Inclusion, and Accessibility Across Curricula [66254]

Justin Cannady, Jennifer Rosato, Paul Schonfeld, Tom Cozzolino, Northern Lights Collaborative for Computing Education, USA

O'Keefe

Keynote Conversation with Tiera Tanksley

Join with our keynotes daily for an informal follow-up to keynote, Q&A session.

11:30 AM-12:30 PM

Wyeth A / Best Practices (F2F)s

GAI Preparing Future Practitioners: Best Practices for AI Integration in Special Education Coursework [66512]

Mary Jean Tecce DeCarlo, Drexel University, Bridget Blakely, Amanda Lannie, Drexel University, USA

GAI "My Experience Differs": a Simple Approach to Teaching Creative, Equity-Focused AI Collaboration [66667]

Melissa Warr, New Mexico State University, USA

GAI From Prompt to Presence: Examining the Impact of Generative-AI and Spatial Workflows on High School Media Students' Interest, Self-Efficacy, Career Readiness, and Problem-Solving Attitudes [66539]

Daniel Suarez, Victoria Brown, Florida Atlantic University, USA

Wyeth B / Full Papers

EE STEM Teachers' Visions for Using Virtual Reality to Support Multilingual Learners [66198]
Nooshin Darvishinia, Kansas State University, USA

GAI When AI Literacy Isn't Enough: Belief-Value Evaluation and Relational Trust in Teacher Adoption [66681]

Nada Hour, Moulay Ismail University; New Mexico State University, USA; Farah Chkarka, Hicham Fatmi, Moulay Ismail University, Meknes, Morocco, Morocco

Whistler A / Brief Papers

DE Students' Online Learning in the Post-Pandemic Era: a Review of Impact of Technological Advancements on Learning Choices [65884]

Nafisah Sulaiman, Indiana University of Pennsylvania (IUP), USA

DE Developing Early Career Teachers' Data Literacy Pedagogies Through an Online Community of Practice [65939]

Mustafa Ciftcioglu, Judy Robertson, Serdar Abaci, The University of Edinburgh, United Kingdom

SE Teacher Perceptions of Standards-Aligned Formative Assessment Implementation in First-Grade Science Classrooms [66520]

Hui Yang, Marta Mielicki, Nonye Alozie, Arif Rachmatullah, SRI, USA

Whistler B / Brief Papers

EQ Equity in Action: Piloting a Social Justice-Oriented English Teacher Education Model [65704]

Derin Atay, Bahcesehir University, Tugce Kilic, Istanbul University - Cerrahpasa, Turkey

EQ Cultivating A11y-Ship Through Case-Based Learning: a Work in Progress [65932]

Natalie Shaheen, Illinois State University, Mary Ann Wojton, Epiphany Community Services, Matthew Hagaman, Mutiara Syifa, Illinois State University, Niki White, Independent Scholar, USA

CT Building Computational Thinking With Teacher Candidates: Infusing Computer Science in the Math/Science Methods Classroom. [66231]

David Rutledge, Amanda Peel, Tracey Gorham Blanco, Paige Prescott, New Mexico State University, USA

Homer / Brief Papers

GE Faculty Perceptions Using Digital Tools in Higher Education: a Need for Teacher Digital Competence Development [65702]

Lauren Montagnino, Tarleton State University, USA

GE **Applied Makerspaces Across Contexts** [65780]
Meredith Swallow, Kathryn Will, University of Maine Farmington, USA

GE **Exploring the Integration of Generative AI in Graduate Research Instruction: a Self-Study of Professional Practice** [66095]
William Sadera, Rebecca Shargel, Tolulope Banjo, Casey Kirk, Towson University, USA

Wyeth C / Roundtable (F2F) (1 hr)

ECE **Equitable Technology Integration in K–2 Classrooms: a Roundtable for Early Childhood Educators** [66013]
Robert Bogle, Florida Atlantic University, USA

EE **From Data to Differentiation: How Technology Transforms Language Acquisition for Emergent Bilingual Students** [65907]
Paula Cushmanick, Walden University, USA

TLET **Teach it Like You Stream it: Bring Energy and Engagement to Your Zoom Classes** [65982]
Peter Joseph Esperanza, Barstow Community College, USA

GAI **AI As a Design Partner: Supporting Linguistically and Culturally Responsive Teaching in TESOL Preparation** [65902]
Dawn Thieman, Natalie Bolton, University of Missouri - St. Louis, USA

Hopper / Panel (F2F) (1 hr)

GE **From the Job Search to Your Three-Year Review: a Panel Discussion for Doctoral Students and Early Career Faculty Members** [65849]
Todd Cherner, The University of North Carolina at Chapel Hill, Amanda Hurlbut, Texas Woman's University, Mia Williams, University of Wyoming, USA

O'Keefe / Brief Papers

GAI **Redefining Academic Integrity in the Age of Generative AI: Implications for Assessment, Policy, and Teacher Education** [66182]
Lotta Larson, Tom Vontz, Drew Bradshaw, Kansas State University, Maddie Windsor, Western Governors, USA

GAI **AI-Generated Feedback on Preservice Elementary Teachers' Teaching Sessions and Their Reflections** [66252]
Ok-Kyeong Kim, Western Michigan University, USA

TPACK **Virtual Bridges: Enhancing Intercultural Competence Among Preservice Teachers Through 3D and Video-Conferencing Platforms** [65934]
Manal Yazbak Abu Ahmad, Sakhnin Academic College & TEC Center, Mofet, Miri Shonfeld, Kibbutzim College & TEC Center, Wafa Zidan, The Academic Arab College for Education in Israel-Haifa, Revital Cohen, Achva Academic College & Uno Academic College, Israel

Warhol 8th Floor / Brief Papers

C3 **Preparing Teachers for Integrating Critical AI in K-12 Classrooms Through Pedagogical, Professional, and Personal Actions** [66253]

Stephanie Budhai, University of Delaware, Marie Heath, Loyola University Maryland, USA

SE **Poplar Science: Humanizing Science Education With Call the Midwife** [65698]
Timothy Hinchman, Georgia Southern University, USA

Benton 8th Floor / Best Practices (F2F)s

TLET **Speaking Their Language: Digital Approaches to Supporting English Learners Virtually** [65710]

Julia Grise, Danielle Schlessinger, Pennsylvania Cyber Charter School, USA

TLET **Examining Students' Behavioral Intentions and Actual Use of Google Gemini and Microsoft Copilot in Higher Education** [65925]

Ronald Nyanzi, Farheen Mahmood, Indiana University of Pennsylvania, USA

TLET **Instructional Development Pathways for Educational Technology Leaders** [66007]

Ken Luterbach, Kristen H. Gregory, Xi Lin, East Carolina University, USA

Cassatt 8th Floor / Brief Papers

GS **Game-Based Cybersecurity Learning in K–12: a Systematic Review of Design, Implementation, and Equity** [66589]

Luis Manuel Ortiz, Drexel University, Monique Woodard, Wilkes University, USA

GS **Game-Based Learning for it Certification Preparation: Designing a CCNA Adventure Using Generative AI** [66695]

Julie Hester, University of North Texas, USA

EQ **Bundled Accommodations for Students With ASD in the Provincial Assessment: a Multi-Year Equity Analysis** [66287]

Pei-Ying Lin, University of Saskatchewan, Canada, Canada; Wei-Ying Hsiao, University of Alaska Anchorage, Chia Jung Yeh, East Carolina University, USA; Ya-Ting Yang, National Cheng Kung University, Taiwan

Pollack 8th Floor / Brief Papers

GAI **GenAI Image Tools for Fire Training-Comparative Evaluation** [66455]

Ruddhi Wadadekar, Towson University | MFRI- University of Maryland, Charles Midkiff, MFRI- University of Maryland, USA

GAI **Towards a Model for Building Preservice Teachers' Capacity for AI-Enhanced Instruction** [66513]

Peter Sheppard, Douglas Williams, Marietta Adams, Aimee Barber, Megan Breaux, Micah Bruce-Davis, MinSeok Choi, Elizabeth Grossie, Chloe Le, Jungmin Lee, University of Louisiana at Lafayette, USA

GAI **To Use or Not to Use AI-Generated Lessons? Teacher Lesson Planning in the Age of AI** [66527]

Torrey Trust, Chenyang Xu, Robert Maloy, Shivranjani Gandhi, University of Massachusetts Amherst, USA

Club Lounge 8th Floor / Lunch Break: 12:30-1:45 PM

12:45-1:45 PM

Wyeth A

AI (ITC) SIG Meeting

O'Keefe

Assessment/eFolios (TEC) SIG Meeting

Homer

Computational Thinking (ITC) SIG

Hopper

Creativity, Design Thinking & Innovation (TEC) SIG

Warhol 8th Floor

Distance/Flexible Education (ITC) SIG Meeting

Cassatt 8th Floor

Early Childhood Education (TEC) SIG Meeting

Calder 8th Floor

English Education (TEC) SIG Meeting

Whistler A / Equity & Social Justice (ITC) SIG Meeting

Whistler B

Faculty Development (ITC) SIG Meeting

1:30-2:30 PM

Rockwell Boardroom / Consultative Council Meeting

1:45-4:00 PM

Calder 8th Floor

66075: Integrating AI in Teacher Education: Competencies, Strategies, and Tools [66075]

Nancye Blair Black, Teachers College Columbia University, Alecia Blackwood, Longwood University, Amy Eguchi, University of California San Diego, Lucretia M. Fraga, University of the Incarnate Word, Elizabeth Langran, Marymount University, USA

1:45-2:45 PM

Wyeth A / Symposium (F2F) (1 hr)

TLET Research Highlights in Technology and Teacher Education (RHTTE) 36th Edition - Exploring the Intersection of Creative Design, Equal Access, Ethical Pedagogy, and Intentional Practice [65706]

Rebecca Blankenship, Florida Agricultural and Mechanical University, Margaret Donnelly, Todd Cherner, University of North Carolina, Chapel Hill, Anna Wilson, Southern University and A&M College, Santiago Ospina Tabares, University of Illinois, Urbana-Champaign, Miri Kim, Metropolitan State University, Michael McKenzie, Coastal Carolina University, USA

SOC A Technology-Centered Curriculum Cluster [66453]

Michael McKenzie, Jesse Rouse, Bianca Simeone, Avery Guilmain, Coastal Carolina University, USA

Wyeth B / Full Papers

GS Team-Based Gamification in Online Graduate Education: Building Community and Enhancing Collaboration [66175]

Gina Solano, State University of New York - Oneonta, USA

CSE From Theory to Practice: a Framework for Designing AI Literacy Workshops [66725]

Niloufar Bayati, North Carolina State University, Yang Cheng, nbayati@ncsu.edu, USA

Whistler A / Full Papers

GAI Transforming L2 Vocabulary Learning Through AI-Based Tools [65726]

Buse Uzuner, Derin Atay, Bahçeşehir University, Turkey

ID Designing Educational Technologies for Learning Continuity During Instructional Gaps: the AppLe a Day Model [66716]

Carla van de Sande, Arizona State University, USA

Whistler B / Full Papers

ID Meeting in the Middle: Strategies to Align Online Teaching With Student Needs [65561]

Sandra Pesavento, Rachael Stevens, Suzanne Galella, Marywood University, USA

GS Teachers' Instructional Use of Gamification in Their Classrooms [66077]

Yu Xia, Mingchu Luo, Emporia State University, USA

Homer / Full Papers

K12 Empowering Educators: a Mixed Methods Study on K-12 Teacher Self-Efficacy and Practice Following a Professional Development Conference [65705]

Nicole Mishnick, Tarleton State University, Lauren Montagnino, Tarleton State University, USA

TLET The Professional Identity Development: Training the Next Generation of Tech-Fluent Educators Through Girls AI/Cybersecurity Clubs [65915]

Mahnaz Moallem, Towson University, Folashade Agbolade, Towson University, Doyinsola Oduwole, Towson University, USA

Wyeth C / Roundtable (F2F) (1 hr)

EE **From Five Minutes to Forward Gains: Playful Micro-Learning for ELA Intervention Abstract** [66172]

Sarah Garvin, The Department of Innovative Learning (Broward County Public Schools), USA

GE **A Qualitative Study of Faculty Perceptions and Pedagogical Integration of a Customized AI Mentor** [66128]

Chenxi Zhou, Heather Jorgenson, George Washington University, USA

TIP **Technology Infusion by Design: Visioning Pathways for Program-Level Transformation** [66714]

Sara Vogel, City University of New York, Kenny Hirschmann, CUNY Hunter College, USA

Hopper / Brief Papers

CREATE **Learning to Design Empathetically in the Era of Generative AI: an Initial Conceptualization for Responsibly Augmenting Generative AI in User-Experience Training** [66045]

Subhasree Sengupta, Jae Hwa Lee, Florida State University, USA

GS **Exploring Preservice Teachers' Perceptions in Game Design Experience** [66046]

Daisyane Barreto, Angelia Reid-Griffin, Chelsea Townsend, Julia Lynch, Amelia Moody,, Andrea Perrone, University of North Carolina Wilmington, USA

INTL **Design and Development of Instructional Materials for Teacher Preparation on STEAM, ESL, and Artificial Intelligence in Brazilian Public Schools** [66227]

Juscileide B. Castro, Federal University of Ceará, Brazil; Daisyane Barreto, University of North Carolina Wilmington, Lucas Vasconcelos, University of South Carolina, USA

O'Keefe / Brief Papers

TIP **Understanding Digital Narratives Through Community Partnership and Authentic Application** [65977]

Jessica Nagle, Saint Joseph's University, USA

MAKE **Leveraging Justice-Centered Mathematical Making to Broaden Students' Mathematical Beliefs** [66061]

Kimberly Corum, Towson University, Jasmine Davis, Prince George's County Public Schools, USA

Warhol 8th Floor / Brief Papers

LEAD **Bridging Policy and Practice: a K–12 AI Competency Framework for Teachers** [65781]

Jennifer Qian, Louisiana State University, USA

LEAD **Institutionalizing AI Leadership in Teacher Education: a Strategic Framework Aligned With the Teacher Educator Technology Competencies** [66216]

David Slykhuis, Ambie Watson, Valdosta State University, USA

Benton 8th Floor / Brief Papers

XR **Self Determination in a Collaborative Augmented Reality Biology Lesson** [66534]

Paul Moran, Alison Mercier, Jonathan Prather, University of Wyoming, USA

XR **Spatial Computing in P12 Education - Utilizing the Apple Vision Pro** [66723]

Luke Ziegler, Logan Arrington, Okan Arslan, Brian Lane, Levi Ofoe, University of West Georgia, USA

XR Evaluating Immersive Technologies Through an Educational Lens: Rethinking Edutainment in XR and AI Contexts [66753]

Milena Paez Silva, Todd Cherner, University of North Carolina at Chapel Hill, USA

Cassatt 8th Floor / Full Papers

EVAL Evaluating K-12 Educational Product Effectiveness: Improving the Quality of Treatment-Control Group Matching in Quasi Experimental Studies [66292]

Scott Elliot, SEG Measurement, USA

EVAL Is There Value in a Preservice Teachers' Educational Technology Stand-Alone Course? Let's Ask the Students [66477]

Rhonda Christensen, University of North Texas, USA

Pollack 8th Floor / Workshop (F2F)s

GAI Integrating AI in Teacher Education: Competencies, Strategies, and Tools [66075]

Nancye Blair Black, Teachers College Columbia University, Alecia Blackwood, Longwood University, Amy Eguchi, University of California San Diego, Lucretia M. Fraga, University of the Incarnate Word, Elizabeth Langran, Marymount University, USA

2nd Floor Wyeth Foyer / Afternoon Pick-Me-Up: 2:45-3:00 PM

3:00-5:15 PM

65946: Using AI Isn't Cheating. Shift Mindsets; Build Guardrails; Design AI-resilient Assessment [65946]
Jean Hess, Marian University, USA

3:00-4:00 PM

Wyeth A / Symposium (F2F) (1 hr)

GAI Part 2: Research Highlights in Technology and Teacher Education (RHTTE) 36th Edition - Exploring the Intersection of Creative Design, Equal Access, Ethical Pedagogy, and Intentional Practice [66797]

Rebecca Blankenship, Florida Agricultural and Mechanical University, Todd Cherner, Margaret Donnelly, University of North Carolina, Chapel Hill, Anna Wilson, Southern University and A&M College, Santiago Ospina Tabares, University of Illinois, Urbana-Champaign, Miri Kim, Metropolitan State University, Michael McKenzie, Coastal Carolina University, USA

GAI Co-Authoring With AI: Redistributing Creative Labor in AI-Assisted Storybook Design [66789]

Miri Chung, Metropolitan State University of Denver, USA

Wyeth B / Panel (F2F) (1 hr)

TIP From Planning to Practice: Institutional Strategies for Meaningful Technology Infusion [66751]

Kenny Hirschmann, CUNY Hunter College, Teresa Foulger, Arizona State University, Michaine Ashley, Texas Woman's University, Jon Clausen, Ball State University, Sara Vogel, City University of

New York, Joshua Tabor, Texas Woman's University, Mesut Duran, University of Michigan Dearborn, USA

Whistler A / Best Practices (F2F)s

GAI Exploring Generative Artificial Intelligence As a Real-Time Collaborator for Educators [65822]

Denise Zawada, University of New Mexico, Christine Eith, Johns Hopkins University, USA

GAI Preparing Educators for AI's Social Implications: a Course Model [66133]

Stephen Adams, California State University, Long Beach, USA

TPACK Exploring Technological Pedagogical Content Knowledge (TPACK) Development Among Secondary School Teachers in Taiwan: a Quantitative Investigation of Contextual and Demographic Factors [66120]

Chin-Yi Huang, Julie W. Ankrum, Indiana University of Pennsylvania, USA

Whistler B / Best Practices (F2F)s

ID Teaching Unity: Getting into Space Game [65832]

Samer Jabor, Carol Redfield, St. Mary's University, Kathryn Bolish, Louse Cantwell, Wex Foundation, USA

ID Designing for the Why: an Experiential and Ethical Open Textbook Development for Computer Literacy [65941]

Rebecca Nissen, Bruna Damiana Heinsfeld, Shreepriya Dogra, University of Minnesota, Twin-Cities, USA

SOC Design Considerations for Integrating Artificial Intelligence Literacy into Social Studies Curriculum-Aligned Instruction [66059]

Thomas Hammond, Erin Eberle Quilinquin, Lehigh University, USA

Homer / Brief Papers

K12 Fostering AI Literacy in Mathematics Education: a Study of a Virtual Learning Module on Student Self-Efficacy and Motivation [65926]

Andrew Shepherd, Lodi Lipien, Kristopher Wolford, Florida Virtual School, Jie Chao, The Concord Consortium, USA

K12 Preparing K–12 Teachers to Teach Asynchronously Online: a Review of Required Competences [66035]

Maaïke Grammens, bram De Wever, Ghent University, Belgium

ME Elementary School Students' Perceptions of Mathematics After Using Robot-Coding Culturally Relevant Mathematics Tasks: a Case Study in New York City Schools [66312]

Irina Lyublinskaya, Teachers College, Columbia University, Ashley Lewis Presser, Education Development Center, USA

Wyeth C / Roundtable (F2F) (1 hr)

GAI Artificial Intelligence and Language Acquisition: Preservice Teachers' Perceptions on Learning English With AI [66205]

Lidia Amélia Barros Cardoso, Milla Cajazeiras, Jose Aires Castro Filho, Jaime José Vasconcelos Neto, Universidade Federal do Ceará, Brazil

GS **Digital Breakout Gamification Using Video** [65891]
Anthony Paganelli, Andrea Paganelli, Western Kentucky University, USA

OGE **From Theory to Practice: Workshop Training on Innovative Strategies to Foster Critical Thinking Skills in Hybrid and AI-Enhanced Learning Environment** [65733]
Fatiha Bazouche, Ohio University, USA

TLET **A Cross-Sectional Mixed-Method Study: Elementary Teachers' Perceptions of Generative AI in Literacy Programs** [65842]
Farheen Mahmood, Indiana University of Pennsylvania, USA

Hopper / Full Papers

SICET **Lesson Planning With Generative AI: Developing Preservice Teachers' Intelligent TPACK** [66248]
Fasika Melese, Syracuse University, USA

SE **What Can Clinical Digital Simulations Tell Us About the Education Equity Mindsets of Preservice Elementary Teachers?** [66053]
Christy Metzger, Zoubeida Dagher, University of Delaware, USA

O'Keefe / Brief Papers

EE **Digital Pathways to Language Growth: a Comparison of Summit K-12 Usage and Language Acquisition Among Emergent Bilingual Students** [66188]
Paula Cushmanick, Mansfield ISD/Walden University, USA

ECE **The Impact of AI-Assisted Lesson Planning on Early Childhood Science Activities** [65928]
Wei-Ying Hsiao, University of Alaska Anchorage, Chia Jung (Ruby) Yeh, East Carolina University, USA; Pei-Ying Lin, University of Saskatchewan, Canada

Warhol 8th Floor / Brief Papers

IL **What School Library Media Specialists Do and the Impact of Immersive and Emerging Technologies on Their Roles** [65959]
David Robinson, Towson University - Learning Technologies, Design and School Library Media, USA

TLET **Developing Pedagogical Reasoning Through Cross-Course Game Design: a STE(a)M Literacy Experience** [66177]
Julia Lynch, Andrea Perrone, Daisyane Barreto, Angie Reid-Griffin, Amy Moody, The University of North Carolina Wilmington, USA

TLET **Preservice Teachers' Perceptions of GenAI Teacher Education Assignments** [65727]
Aaron Gierhart, University of Wisconsin-Stevens Point, USA

Benton 8th Floor / Full Papers

CSE **Mapping the Field: a Systematic Review of Key Concepts in K-12 Artificial Intelligence Education Research** [66689]

Tugba Boz, University of North Dakota, USA

CSE Reflections From Using Mixed-Reality Simulations and Learning-by-Teaching to Facilitate Discussions on Challenging Integrated Computing Course Content [66699]

Erin Anderson, Yin-Chan Liao, Brendan Calandra, Georgia State University, USA

Cassatt 8th Floor / Full Papers

SE Establishing Partnerships for 'Aina-Based NGSS Experiences in School Classrooms During the School Day [66524]

Pascale Creek Pinner, Hilo Intermediate School/Hawaii Science and Technology Museum, Jan Ray, University of Hawaii at Hilo, USA

SE Improvement in Science Communication: a Workshop-Based Assessment [66548]

Rigesh Krishnaraj, Suparna Chatterjee, Sumanth Reddy Nandhikonda, New Mexico State University, USA

4:00-5:30 PM

Club Lounge 8th Floor / **Executive Committee Meeting**

4:15-5:15 PM

Wyeth A / Full Papers

ECE Unfolding Teacher-Researcher Learning Through Co-Designing AI Education for Young Children [66041]

Sohheon Yang, Kyunghbin Kwon, Indiana University, USA

C3 The Hidden Biases of the LMS: Race, Power, and Pedagogy [66594]

Steven D'Agustino, Fordham University, Timothy Winders, RAND Corporation, Monique Vogelsang, Humanizing History, USA

Wyeth B / Full Papers

ID Aligning Motivation, Assessment, and Autonomy: Instructional Design Insights From a Core-Plus-Choice System [66018]

Valerie Hartman, Zane Forshee, Johns Hopkins University, USA

ID Designing Instruction to Promote Sustained Use of Learning Strategies Through Belief and Personalized Motivation Support With Generative AI [66026]

Yusaku Watanabe, Takaki Kondo, Yuki Watanabe, Graduate School of Science, Tokyo University of Science, Japan

Whistler A / Full Papers

NPI Exploring Educational Leaders' Perceptions of Gamification for Increasing Standardized Test Scores for at-Risk Students: a Basic Qualitative Study [66221]

Philip Siegel, E195 Global Learning Exchange. To create free educational collaboration among schools and hospitals, USA

ECE Training Early Childhood Educators to Use Generative AI in Nature Lessons Through the Agent to Think With Approach [65904]

Hagit Meishar-Tal, Holon Institute of Technology - HIT, Adinal Mishal, Tami Seifert, Miri Shonfeld, Kibbutzim College of education, Israel

Whistler B / Full Papers

EVAL Using AI to Format APA Style Papers: a Preliminary Testing of ChatGPT, Gemini, and Grammarly [65839]

Ephraim Teye, University of Nevada Reno, Li-Ting Chen, University of Nevada, Reno, Isaac Akuoko-Mensah, University of Nevada Reno, USA

CT Teacher Perceptions and Instructional Experiences When Using Different STEM-Based Computational Modeling Activities [66658]

Satabdi Basu, Arif Rachmatullah, SRI International, Kevin W. McElhane, Digital Promise, Hui Yang, SRI International, Shruti Jain, Vanderbilt University, USA

Homer / Full Papers

STEM STEAM Education Integrated With Design Thinking in Brazilian Higher Education: Production of Digital Artifacts for Problem-Solving and Meaning-Building for Algebra Teaching [66124]

Juscildeide B. Castro, Federal University of Ceará, Brazil

OGE Rethinking Assessment in the AI Age: Measuring Critical Thinking in Hybrid Classrooms With Emerging Technologies [65554]

Fatiha Bazouche, Ohio University, USA

Wyeth C / Roundtable (F2F) (1 hr)

ID Building Engagement and Community in Online Courses [65882]

Shimikqua Ellis, Murray State University, Rhonda Hylton, Indiana University, USA

SICET A UDL-Based Online Course and Material for Teacher Preparation: Design, Accessibility Features, and Insights From a Pilot Case Study [66168]

Akio Abe, Ephraim Teye, Isaac Akuoko Mensah, University of Nevada, Reno, USA

GAI School Leaders' Readiness for Artificial Intelligence: a Phenomenological Study of K-12 Administrators' and Instructional Coaches' Experiences [66152]

Le Kang, Gardner-Webb University, USA

Hopper / Best Practices (F2F)s

SICET Designing AI Chatbots for Oral Proficiency: Transferable Best Practices From a Foreign Language Classroom [66744]

Hong Zhan, Embry-Riddle Aeronautical University, Prescott, USA

CT Decoding Computational Thinking for Preservice Teachers [66578]

Chelsea McClure, Notre Dame of Maryland University, USA

XR Leveraging Artificial Intelligence (AI) and Virtual Reality (VR) in Teacher Education to Facilitate Guardian-Teacher Conferences [66571]

Chelsea McClure, Notre Dame of Maryland University, USA

O'Keefe / Full Papers

IL Developing Synthetic Media Literacy in Undergraduate Students Through Inquiry-Based Learning [65730]

Samia Alkam, University of California, Riverside, USA

IL Beauty or the Beast? Should You Share Your Library With Agentive AI? [65944]

Joyce Johnston, George Mason University, USA

Warhol 8th Floor / Full Papers

INTL First Grade Teachers' Experiences in the Use of Digital Technology in Selected Semi-Private Schools [65502]

Moses Letsapa, University of the Free State, Bloemfontein, South Africa, Thuthukile Jita, University of the Free State, South Africa

INTL Preparing Globally Competent Teachers Online: Insights From a U.S. Virtual Practicum With Korean Preservice Teachers [65749]

Youjin Yang, YongJoon Park, Indiana State University, USA

Benton 8th Floor / Full Papers

TLET From Gagné to GenAI: How Well Do ChatGPT, Gemini, Claude, and Perplexity Study and Learn Modes Deliver the Nine Events of Instruction? [65951]

Patricio Bastida Nava, Torrey Trust, University of Massachusetts Amherst, USA

TLET An Interdisciplinary Approach to the Design and Implementation of Game-Based Learning: Perceptions of Research to Practice Gaps by Computer Science and Educational Researchers [66174]

Amelia Moody, Angielica Reid-Griffin, Daisyane Barreto, Julia Lynch, Andrea Perrone, University of North Carolina Wilmington, USA

Cassatt 8th Floor / Panel (F2F) (1 hr)

TLET Scaffolding AI Integrity: Aligning ISTE Standards and AI Competencies to Guide K-20 Technology Integration [66660]

H. Steve Leslie, Arkansas State University, De Zhang, Saint Paul Public Schools (SPPS), Natalie Johnson-Leslie, Arkansas State University, Gabrielle Leslie, Daniel Leslie, Arkansas School of Mathematics Sciences and the Arts, USA

TLET Preparing Ethical AI Learners: the K–20 Correlation As a Developmental Framework for Generative AI Integration [66780]

H. Steve Leslie, Arkansas State University Neil Griffin College of Business, Natalie Johnson-Leslie, College of Education & Behavioral Science, De Zhang, St. Paul's Public School, Gabrielle Leslie, Daniel Leslie, Arkansas School of Mathematics Sciences and the Arts, USA

TLET How AI Became a Double-Edged Sword, and How Teachers Can Wield it [66781]

Daniel Leslie, Arkansas School of Mathematics, Sciences, and the Arts, H. Steve Leslie, Neil Griffin College of Business Arkansas State University, Natalie Johnson-Leslie, College of Education and Behavioral Science Arkansas State University, Gabrielle Leslie, Arkansas School of Mathematics Sciences and the Arts, De Zhang, St. Pauls School District, USA

TLET AI Debate: a Helpful Resource or a Dangerous Weapon? [66782]

Gabrielle Leslie, Arkansas School of Mathematics, Sciences, and the Arts, Natalie Johnson-Leslie, College of Education & Behavioral Science Arkansas State University, H. Steve Leslie, Neil Griffin College of Business Arkansas State University, De Zhang, St. Paul's Public School, Daniel Leslie, Arkansas School of Mathematics Sciences and the Arts, USA

TLET Guidelines for AI Best Practices for Educators and Students in a Midwestern Public School District [66783]

De Zhang, St. Paul's Public School, H. Steve Leslie, Natalie Johnson-Leslie, Arkansas State University, Gabrielle Leslie, Daniel Leslie, Arkansas School of Mathematics Sciences and the Arts, USA

6:30-8:30 PM

Guest Tickets: Welcome Party @ F1 Arcade

F1 Arcade Philadelphia

SITE 2026 Welcome Party - Pre-Registration Required

Wednesday, March 25

8:00 AM-5:30 PM

2nd Floor Wyeth Foyer

Registration

2nd Floor Wyeth Foyer / Kick Off Coffee: 8:15-8:45 AM

9:00-10:00 AM

Wyeth Ballroom ABC

General Session, Paper Award Presentation & Keynote: Advancing Creative Technologies Education in a Generative AI World

Author: Matt Bower, Macquarie University, Australia \par \par Abstract: Will generative AI lead to the advancement or demise of creative technologies education? There are a range of ways that design tasks involving technologies such as augmented reality, virtual reality, multimedia, robotics, 3D fabrication technologies and so on can be used to advance the creativity of students. At the same time, the power of generative AI to produce creative outputs based on simple natural language prompts is increasing exponentially. This begs the question, is it still important to develop student creativity using technology? In this keynote, Professor Bower will unpack current research and state-of-the-art relating to creative technologies education alongside research and innovations relating to AI and learning. Based on this research and the evolving technological landscape, he will challenge the audience to contemplate whether and why developing creativity is or is not important, and the implications of the for teaching creativity using technology. Concluding reflections will posit the purpose of education and the role of teachers in an increasingly AI world. \par \par \par Bio: Matt Bower is a Professor of Educational Technology in the School of Education at Macquarie University. His work focuses on how generative Artificial Intelligence and other contemporary technologies can be used to improve learning outcomes and foster creativity. He has published over one hundred peer-reviewed research papers and is ranked in the top 1% of most cited educational researchers in the world according to Elsevier-Stanford Top Scientists list. Matt was Chair of the Australian Technologies Teacher Educators Network from 2019-2024 and has won multiple national and international awards for his research and teaching. He is also heavily engaged with government, industry and policymaking, for instance, through his work with the Australian Curriculum

Assessment and Reporting Authority (ACARA) and contributions to the Australian Framework for Generative AI in Schools.

10:15-11:15 AM

Wyeth A / Invited (F2F) (1 hr)

EVAL Publishing in JTATE: Editorial Priorities and How to Position Your Work for Success [65817]

Andrea Harkins-Brown, Johns Hopkins University, USA

Wyeth B / Full Papers

CT Toward Representational Fluency in Early Elementary Computational Thinking: a Multimodal Analysis of Educational Robotics Tasks for Teacher Education [66103]

Slki Narae Lim, University of North Carolina at Chapel Hill, USA

CT Analysis of the Initial Perspective of Brazilian Teachers on Computational Thinking [66121]

Juscileide B. Castro, Federal of Ceará University, Paulo Victor S. Magalhães, José Jailton Vasconcelos Júnior, Federal of Ceará University (UFC), Brazil

Whistler A / Full Papers

SOC “Thinking” Like a Historian? a Comparative Analysis of Large Language Models (LLMs) Capacity for Historical Inquiry [66219]

Tina Heafner, University of North Carolina at Charlotte, USA; Ela Ziv, UNC Charlotte, Israel

TLET K-12 Preservice Teachers’ Perspectives Toward the Adoption of Generative AI Tools: a Thematic Analysis [66008]

John Hampton, University of West Georgia, Jie Lu, University of Georgia, USA

Whistler B / Full Papers

AWARD PAPER

GAI A Comparative Study of Elementary and Secondary Preservice Teachers’ Perceptions of Teaching With and About AI [65795]

Lauren Weisberg, University of Texas at Arlington, Christine Wusylko, Kennesaw State University, USA

TLET Exploring the Impact of a K-12 Teacher Online Professional Development Experience on Competencies for One-to-One Teaching [66004]

Samantha Filipiak, William Sadera, Towson University, USA

Homer / Full Papers

ID Design and Evaluation of Guided Notes to Support the Encoding Function of Note-Taking in High School Mathematics Education [66030]

Shota Tanaka, Takaki Kondo, Yuki Watanabe, Graduate School of Science, Tokyo University of Science, Japan

ID Fostering Self-Regulated Learning in Secondary Blended Mathematics: a Collaborative Reflection and Planning Model [66032]

Kaito Yamabe, Takaki Kondo, Hiroki Oura, Tokyo University of Science, Japan

Wyeth C / Roundtable (F2F) (1 hr)

CREATE 3D Design As Interdisciplinary STEAM Education: Culturally Responsive Engineering Practices by K-12 Teachers [66016]

Ting Yuan, Waldemar Stepnowski, College of Staten Island, City University of New York, USA

GAI AI-Supported Lesson Design in Teacher Preparation: Insights From Literacy Education [65725]

Kristin Morgan, Texas A&M San Antonio, USA

GAI Welcome to the Research Family: the Adoption of AI As a Disruptive Family Member for Conducting Valid and Reliable Research [65873]

Natalie Johnson-Leslie, H. Steve Leslie, Arkansas State University, DE Zang, St. Paul Public Schools, USA

ID AI-Driven Vocabulary Instruction for Multilingual Learners: a Digital Transformation Framework [65559]

JinHee Lee, Yuxin Zhong, University of South Florida, USA

Hopper / Panel (F2F) (1 hr)

GE Building AI Communities of Practice in Higher Education [66134]

Elizabeth Langran, Marymount University, Nancye Blair Black, Teachers College Columbia University, Alecia Blackwood, Longwood University, Amy Eguchi, University of California San Diego, Lucretia Fraga, University of the Incarnate Word, G. Sue Kasun, Georgia State University, Janice Mak, Arizona State University, USA

Warhol 8th Floor / Brief Papers

MAKE Making and Playing As Pedagogy [65703]

Meredith Swallow, University of Maine Farmington, Shannon Larsen, University of Maine at Farmington, USA

MAKE Exploring the Efficacy of the MakerTPICK Framework to Support Teachers' Integration of Making into STEM Classrooms [65954]

Kimberly Corum, Lynn Nichols, Towson University, USA

TLET Syllabus Helper: a Case Study of Participatory, Research-Based, Iterative Design of a GenAI Solution in Higher Education [66169]

Janice Mak, Tracy Arner, Arizona State University, USA

Benton 8th Floor / Full Papers

TLET Integrating GenAI in the Classroom: Tools, Techniques, and Critical Considerations [65958]

Shannon Kane, Loren Jones, Dean Haynes, University of Maryland-College of Education, USA

TLET Looking Beyond One's Own Horizon: a Cross-National Case Study on Collaborative Learning of AI in Education Among Prospective Teachers [65962]

Zara Mamont, Miri Shonfeld, The Kibbutzim College of Education, Israel; Claudia Finkbeiner, University of Kassel, Germany; Emese Nagy, University of Miskolc, Hungary; Yvonne Hesse, University

of Kassel, Germany; Mária Lubinszki, University of Miskolc, Hungary; Anat Cohen, Tel Aviv University, Orit Avidov-Ungar, Achva Academic College, Israel

Cassatt 8th Floor / Full Papers

ID **A Quest-Based Learning Approach to Online Teacher Technology Education** [66271]
Xiaorui Sun, Brown University, Ohio University, Min Lun Wu, Ohio University, USA

CT **Finding Our Way Through the Forest: a Proposed Continuum for K-5 Computational Thinking Integration** [66093]
Melanie Blanton, Radford University, Candace Joswick, The University of Texas at Arlington, Robin Jocius, University of Kentucky, Jennifer Albert, Deepti Joshi, The Citadel, USA

Pollack 8th Floor / Best Practices (F2F)s

DE **Integrating Bloom's Taxonomy, Horton's Absorb-Do-Connect Model, and Dale's Cone of Experience for Effective Online Course Design, Development, and Delivery** [65857]
Dan Dao, Evans Ochola, The University of Iowa, USA

DE **Building Relationships in Online Classes** [66086]
Meg Van Baalen-Wood, University of Wyoming, USA

NPI **AI-Assisted Instructional App Development** [66097]
Ken Luterbach, Xi Lin, Kristen Gregory, East Carolina University, USA

Calder 8th Floor / Full Papers

DE **Effects of Changes in the Implementation of Multiple-Attempt Online Tests on Learning Outcomes and Learning Behaviors** [66590]
Takuro Ozaki, Osaka Kyoiku University, Takashi Sato, Former Osaka Kyoiku University, Yuichi Ohkawa, Takashi Mitsuishi, Tohoku University, Japan

ECE **Examining Early Childhood Teachers' Knowledge and Understanding of Computational Thinking** [66765]
Remi Willoughby, Preeti Jain, University of Houston - Clear Lake, USA

Club Lounge 8th Floor / Full Papers

INTL **Digital Education Policy in Brazil: a Critical Reading Through UNESCO's Six Pillars for the Digital Transformation of Education** [66056]
Julciane Castro da Rocha, Pontifícia Universidade Católica de São Paulo, Brazil

EQ **AI Literacy and Immigrant Family Adaptation: Rethinking Family Theory** [65919]
Danxun Li, Iowa State University, Jennifer Chen, Kean University, USA

O'Keefe

Keynote Conversation with Matt Bower

Wyeth A

Publishing in JTATE: Editorial Priorities and How to Position Your Work for Success

11:30 AM-12:30 PM

Wyeth A / Panel (F2F) (1 hr)

GAI Academic Publishing in the Age of AI: Oh, My! [66764]
Mike Searson, AACE, Andrea Harkins-Brown, Johns Hopkins, USA; Theo Bastiaens, Open Universiteit Nederland, Netherlands; Denise Crawford, Iowa State University, Chrystalla Mouza, University of Illinois, Urbana-Champaign, Willima Sadera, Director Doctoral Program, Towson University, USA

Wyeth B / Brief Papers

SICET AI Companions As Emotional Support Systems in Distance Learning: Opportunities, Challenges, and Ethical Integration in Higher Education [65763]
Babatunde Adebayo, University of Southern Mississippi., Shuyan Wang, University of Southern Mississippi, USA

SICET Online and Social Exhaustion [65779]
Tracy Wolverton, Shuyan Wang, The University of Southern Mississippi, USA

SICET Technology As a Bridge: International Graduate Students' Navigation of Belonging Through Digital Tools [66047]
Amona Major, Jing Lei, Leytisha Jack, Yang Liu, Syracuse University, USA

Whistler A / Brief Papers

MAKE What Does Curiosity Look Like in an Afterschool STEM Making Program: Aligning SCILE Scores and Behaviors [66754]
Jennifer L. Weible, Central Michigan University, USA

TLET Rockstars of Online Facilitation: Describing What Educators Do As They Support the Development of an Online Community of Inquiry [66546]
Nathaniel Ostashewski, Martha Cleveland-Innes, Dan Wilton, Athabasca University, Canada

GS Speech-Activated Gameplay for Novice Language Learners: Design Principles and Preliminary Findings [65970]
Iliia Shcherbakov, University of Nebraska-Lincoln, USA

Whistler B / Full Papers

GAI What Do We Really Know About AI Literacy in Higher Education? a Systematic Review of Empirical Studies [66727]
Niloufar Bayati, Cameron Denson, Franziska Bickel, North Carolina State University, USA

GAI Reading AI Like a Veterinarian, Evaluating AI Like an Artist: How Content Knowledge Shapes Critical AI Engagement [66737]

Melissa Warr, Suparna Chatterjee, New Mexico State University, Nicole Oster, Arizona State University, Mary Edwina Yalnaty, New Mexico State University, USA

Homer / Brief Papers

GAI **Geneative Thinking: a New Approach to AI in the Classroom** [65690]
Jim Roche, Trevor School, USA

GAI **Embedded AI Tutoring Agents: Managing Change in Student Support** [65735]
Richard Pierce, Ustazda White, Yavapai College, USA

GE **Highlighting Online Work and Driving Innovative Instruction (HOWDI²): a Faculty Professional Development Project** [65963]
Noelle Sweany, Patricia Grant, Mattyna Stephens, Marcia Montague, Trupti Palkar, Kevin Lawanto, Jere Liu, John Obenchain, Texas A&M University, USA

Hopper / Panel (F2F) (1 hr)

GAI **Picturing the Theory of GenAI: a Panel Discussion of Proposed Frameworks for Teaching and Learning in the Age of Artificial Intelligence** [65998]
Todd Cherner, The University of North Carolina at Chapel Hill, Torrey Trust, University of Massachusetts at Amherst, Richard Hartshone, University of Central Florida, Rhonda Christensen, University of North Texas, USA; Alison Egan, Marino Institute of Education, Ireland; Mia Kim Williams, University of Wyoming, Dan Krutka, University of North Texas, Jon Clausen, Ball State University, Amanda Hurlbut, Texas Woman's University, Jonathan Cohen, Georgia State University, Lucas Vasconcelos, University of South Carolina, Chrystalla Mouza, University of Illinois Urbana-Champaign, USA

O'Keefe / Best Practices (F2F)s

C3 **Advancing a Civics of Technology in Teacher Education: Community, Curriculum, and Technoskeptical Tools** [65855]
Daniel G. Krutka, University of North Texas, Marie K. Heath, Loyola University Maryland, USA

C3 **From Awareness to Action: How Higher Education Instructors Interpret and Implement Culturally Responsive Teaching** [66071]
Julie Kathleen Marsh, Colorado State University, Kerrigan Mahoney, Minnesota State University, Mankato, USA

SE **The Hero's Journey in Science Education: How Thematic Teaching Shapes Preservice Science Attitudes** [65821]
Timothy Hinchman, Mete Akcaoglu, Georgia Southern University, USA

Warhol 8th Floor / Best Practices (F2F)s

ECE **From Archives to Action: Helping Preservice Teachers Build Critical Thinking Through Primary Sources** [65713]
Ambie Watson, Valdosta State University, Jennie Burke, Millersville University, USA

ECE **Envisioning, Designing, and Developing a Hybrid Online Program in ECE Leadership** [66272]
Nandita Gurjar, Rhode Island College, USA

ASSESS A Social and Emotional Learning Approach for Synchronous Online Peer Feedback: a Mixed-Methods Case Study [65992]

Leonardo Alba Lopez, Indiana University Bloomington, USA

Benton 8th Floor / Brief Papers

GE Teaching With AI in Higher Education: What is Important? [66078]

Jonathan Adams, Benhur Ravuri, Willa Gutowski, Florida State University, USA

SE My Home My Health: Hybrid Professional Development on Disease Ecology Units for Middle School Students [65850]

Jamie Cornish, Montana State University, Academic Technology and Outreach, Hilarie Davis, Technology for Learning Consortium, Tugba Boz, University of North Dakota, Rebekah Hammack, Purdue University, USA

GE Integrating Universal Design for Learning and Assistive Technology: a Design-Based Inquiry into Inclusive Teaching Practices [66165]

Feyisayo Akinbobola, Towson University, Olorunfunmi Shobowale, Morgan State University, USA

Cassatt 8th Floor / Full Papers

SICET An Interdisciplinary Collaboration on Creating an Educational Package to Probe Public Perceptions of Mining [65971]

Ephraim Teye, University of Nevada, Reno, Monika Bharti, University of Fairfax, Umut Kar, Sabinus Essel Arthur, University of Nevada, Reno, Cameron Locke, Naval Air Warfare Center Weapons Division (NAWCWD), Pengbo Chu, Li-Ting Chen, Leping Liu, You Fu, University of Nevada, Reno, USA

GAI Empowering Rural Educators Through Generative AI: Knowledge and Self-Efficacy Outcomes From a Pilot Study [66173]

Kirsten Biersbach, Dan Mourlam, Gabrielle Strouse, Kevin Reins, University of South Dakota, Kelsey Smith, Ryan Young, Andrew Ley, Compass Partners in Learning, USA

Pollack 8th Floor / Brief Papers

TLET Designing Inquiry-Based Generative AI Use in Teacher Education [66619]

Ela Ziv, UNC Charlotte, Tina Heafner, University of North Carolina at Charlotte, USA

TLET Why Human Knowledge Still Matters: Disrupting, Governing, and Empowering AI in K–12 Education [66703]

Thomas Vontz, Drew Bradshaw, Dillon Simmons, Kansas State University, Madeline Windsor, Western Governors University, Lotta Larson, Kansas State University, USA

TLET Managing the Digital Classroom: Proactive Classroom Management Strategies for Technology-Rich Learning Environments [66693]

Willim Schleicher, Indiana University of Pennsylvania, USA

Calder 8th Floor / Brief Papers

TLET Utilizing Virtual Reality to Illustrate the Influence of Role Models in STEM: Strategies for Enhancing Girls' Interest in STEM [66161]

Folashade Agbolade, Mahnaz Moallem, Towson University, USA

CSE **Profile of the AI-Enhanced Software Engineer** [66675]
Joyce Malyn-Smith, Irene Lee, EDC (Education Development Center), USA

TLET **From Obligation to Choice: Technology Acceptance and Online Collaboration in a Faculty of Education** [66104]

Hakan Islamoglu, Eda Bakir-Yalcin, Recep Tayyip Erdogan University, Turkey; Yasin Yalcin, Recep Tayyip Erdogan University, USA; Omer Faruk Ursavas, Karadeniz Technical University, Turkey

Club Lounge 8th Floor / Full Papers

NPI **Safe Adoption of AI Translation in School Systems** [66599]
Paulina Mieczkowska, Vasco Electronics, USA

Club Lounge 8th Floor / Lunch Break: 12:30-1:45 PM

12:45-1:45 PM

Whistler A

Critical Theory in Teaching and Technology (TEC) SIG Meeting

Warhol 8th Floor

Games & Simulations (ITC) SIG Meeting

Homer

Information Literacy Education (Library Sci.) (TEC) SIG Meeting

Wyeth B

Instructional Design (ITC) SIG Meeting

O'Keefe

International Perspectives (TEC) SIG Meeting

Cassatt 8th Floor / K-12 Online Learning (ITC) SIG Meeting

Calder 8th Floor

Maker (TEC) SIG Meeting

Pollack 8th Floor

Mathematics Education (TEC) SIG Meeting

Wyeth A

New Possibilities with Information Technologies (ITC) SIG Meeting

Whistler B

Research & Evaluation (ITC) SIG Meeting

Wyeth C

Science Education (TEC) SIG

STEM Innovation (ITC) SIG Meeting

1:45-2:45 PM

Wyeth A / Symposium (F2F) (1 hr)

GAI **Part 1: AI in Teacher Education Across Contexts and Stakeholders** [66129]
Melissa Warr, New Mexico State University, Joshua Tabor, Texas Women's University, USA

GAI **AI As an Assistive Technology in Special Education** [66785]
Mindy Waldrop, Andrea Paganelli, Western Kentucky University, USA

GAI **Teaching in the Age of Artificial Intelligence: Literacy, Critical Thinking, and Intentional Integration in Teacher Education** [66793]
Mia Williams, University of Wyoming, Leigh Hibbard, Rachel Karchmer-Klein, University of Delaware, Nour El Houda Maache, Ohio University, USA

Wyeth B / Full Papers

GAI **From Words to Well-Being: Identifying Depressive and Anxious Tendencies in Students' Social Media Text Through Machine Learning** [65796]
Sherif Abdelhamid, Virginia Military Institute, Mona Aly, Independent Researcher, Shahryar Shah, Virginia Military Institute, USA

GAI **Designing AI-Supported Literacy Learning: Instructional Principles From an Intervention in Primary Education** [65816]
Panayiota H. Diakou, Charoula Angeli, Vaso Anastasiou, University of Cyprus, Cyprus

Homer / Full Papers

SOC **Evaluating LGBTQ+ History Curriculum: Inquiry, Criticality, Teacher Agency, and Digital Affordances** [66558]
Colleen Kollasch, Eric B. Freedman, University of Iowa, Tina Gourd, University of Washington-Seattle, USA

CREATE **Impact of Creativity and Innovation Lab on Preservice Teachers' Adoption of Educational Robots** [66614]
Jillian Powers, Susannah Brown, Danielle Brown, Samantha Lopez, Robert Bogle, Florida Atlantic University, USA

Wyeth C / Roundtable (F2F) (1 hr)

TLET **Beyond the Page: a Mixed-Methods Exploratory Study of BookTok Integration in Preservice Literacy Education** [65864]
Rosa Dokes, Lamar University, USA

TPACK Enhancing Spoken Lexical Diversity in EFL Learners Through AI-Integrated Task-Based Instruction [65560]

Yuxin Zhong, University of South Florida, JinHee Lee, Pepperdine University, USA

GAI Understanding World Language Teachers' Integration of Artificial Intelligence in K-12 Classrooms: a Phenomenological Study [66138]

Le Kang, Gardner-Webb University, USA

TLET AI in Education: From Hype to Human-Centered Practice in Pedagogy, Educator Preparation, and Responsibility [66679]

Mia Williams, University of Wyoming, David Rutledge, New Mexico State University, Jon Clausen, Ball State University, Yi Jin, Iowa State University, Shannon Driskell, University of Dayton, Arlene Borthwick, National Lewis University, USA

K12 K-12 Online Learning Unplugged: Solving the Screen Time Problem in Virtual Learning [66244]

Tani Sapp, Idaho State University and Braintree Educational Services, USA

Hopper / Panel (F2F) (1 hr)

SICET Modern Technology to Enhance Multiple Means of Learning: Customized GenAI, Immersive Virtual Reality, and AI-Generated Videos [66218]

Li-Ting Chen, University of Nevada Reno, Leping Liu, Isaac Akuoko-Mensah, University of Nevada, Reno, Ephraim Teye, University of Nevada Reno, Pengbo Chu, Priscillar McMillan, University of Nevada, Reno, USA

O'Keefe / Full Papers

ME Effects of Video Self-Analysis of the High-Leverage Teaching Practice of Conducting a Discussion in Elementary Mathematics Teaching and Culturally Responsive Teaching [65859]

Kandy Noles Stevens, Debbie VanOverbeke, Southwest Minnesota State University, USA

TLET "I'm Not Being Replaced, I'm Being Redefined": Exploring Teachers' Agency Reconstruction in AI-Integrated Education Environments [65952]

Mina Min, Appalachian State University, USA

Warhol 8th Floor / Full Papers

SE Supporting Teacher Learning With Large Language Models Simulated Student Dialogues [65827]

Shunki Kure, Ha Nguyen, Jie Cao, University of North Carolina at Chapel Hill, USA

SE Effects of Grading and Explaining Erroneous Examples on Conceptual Understanding and Explanation Quality in Physics [66027]

Yamato Saigo, Takaki Kondo, Yuki Watanabe, Graduate School of Science, Tokyo University of Science, Japan

Benton 8th Floor / Full Papers

ID Open Task Intelligent Evaluation for Applied Talent Training [66073]

Donghua Lin, Zhihui Wei, Shanghai Open University, China; Ruifang Hope Sun, SUNY Empire State University, USA; Ya Wang, Bin Song, Shanghai Open University, China

ID **Multilayer Feedback in Action: Integrating AI, Peer, and Faculty Feedback in an Instructional Design Course [66090]**

Hoda Harati, Towson University, Cherng Yen, ODU, Chih Tu, Northern Arizona University, Yingying Liu, Geoffrey Ggubi, Mahnaz Moallem, Towson University, USA

Cassatt 8th Floor / Full Papers

TLET **AMTE: Using a Generative Artificial Intelligence Teaching Simulation to Examine Elementary Preservice Teachers' Instructional Skills [66588]**

Jamie Mikeska, ETS, USA; Beata Beigman Klebanov, ETS, Israel; Aakanksha Bhatia, ExelOne, India; Shreyashi Halder, ETS, Calli Shekell, Pennsylvania Western University, Tricia Maxwell, Benny Longwill, ETS, USA

TLET **Development and Evaluation of a Teacher's Generative AI Utilization Teaching Competency Scale –Comparing a Generative AI Promotion School and General Schools Targeting Elementary School Teachers in Japan— [65933]**

Eiki Iemoto, Graduate School of Education, Psychology and Human Studies, Aoyama Gakuin University, Hiroyuki Masukawa, Takeshi Kitazawa, College of Education, Psychology and Human Studies, Aoyama Gakuin University, Japan

Pollack 8th Floor / Full Papers

STEM **Frequency and Focus As Determinative? Changes in Student Attitudes Across Integrated Vs. Stand-Alone GIS Courses [66214]**

Thomas Hammond, Lehigh University, Kate Popejoy, PopejoySTEM LLC, Erin Quillinquin, Alec Bodzin, Lehigh University, Erica Stefanovich, School District of Philadelphia, Ian Hanson, Brandywine School District, USA

C3 **Analysis of AI Detectors' Scoring Consistency of LLM-Translated Texts [66569]**

Todd Cherner, The University of North Carolina at Chapel Hill, Nooshin Darvishinia, Kansas State University, Jhosep "Pepe" Delgado, UNC Chapel Hill, USA

Calder 8th Floor / Full Papers

EE **The Application of Artificial Intelligence (Ai) and the Digital in Design (Did) Website to Enhance 11th Grade Students' English Speaking Skills to Native-Like Proficiency at Bac Lieu High School [66280]**

My Tran, Bac Lieu High School &Prime Language Center, Vietnam

EVAL **“We'Re All Trying to Figure This Out”’: How Qualitative Researchers are Negotiating AI-Assisted Analysis [66618]**

Elizabeth Langran, Paula Cristina R. Azevedo, Marymount University, Oliver Dreon, Millersville University, Shernette Dunn, Florida Atlantic University, USA

Rockwell Boardroom / **SICET @ SITE Meeting**

2nd Floor Wyeth Foyer / Afternoon Pick-Me-Up: 2:45-3:00 PM

3:00-4:00 PM

Wyeth A / Symposium (F2F) (1 hr)

GAI **Part 2: AI in Teacher Education Across Contexts and Stakeholders** [66799]
Melissa Warr, New Mexico State University, Joshua Tabor, Texas Women's University, USA

GAI **Improving AI Competencies in Teachers** [66564]
Rashmi Khazanchi, Open University of the Netherlands, Pankaj Khazanchi, Cobb County School District, USA

GAI **Exploring Teachers' AI Competencies in Education** [66565]
Rashmi Khazanchi, Open University of the Netherlands, Pankaj Khazanchi, Cobb County School District/Liberty University, Zulal Melek, Iowa State University, Irina Lyublinskaya, Columbia University, USA; Murat Sümer, Usak University, Turkey

GAI **Teaching Students to Think With GenAI, Not Let GenAI Think for Them** [66636]
Victoria Brenes, Nova Southeastern University, Joshua Tabor, Texas Woman's University, USA; Jane Batham, University of Southern Queensland, Australia

Wyeth B / Symposium (F2F) (1 hr)

CSE **Computer Science Teacher Education Pathways: Strategies, Approaches, and Lessons Learned** [65953]
Yin-Chan (Janet) Liao, Huizi Zeng, Erin Anderson, Georgia State University, Jennifer Rosato, University of Minnesota, Michelle Friend, University of Nebraska-Omaha, Ijeoma Mbaezue, Georgia State University, USA

CSE **PrepareCS: Strengthening Computer Science Teacher Preparation at East Carolina University** [66282]
Chia Jung Yeh, Kristen Gregory, Ken Luterbach, Berry Crisiane, East Carolina University, Beth Madigan, Pitt County Virtual School, USA

CSE **PrepareCS: Igniting CS Education at the Citadel** [66672]
Jennifer Albert, The Citadel, Melanie Blanton, Radford University, Deepti Joshi, The Citadel, USA

CSE **Integrating Computer Science Education into Preservice Science and Math Teacher Pathways** [66794]
Amanda Peel, Paige Prescott, Tracey Gorham Blanco, David Rutledge, New Mexico State University, USA

TIP **Computational Thinking for All: Expanding Support for Teacher Preparation** [66803]
Karen Terrell, Kristina Cardona Collins, Irene Bal, Margarita Gómez, Loyola University Maryland, Quiana Bannerman, Maryland State Department of Education, USA

Homer / Panel (F2F) (1 hr)

TIP **Teacher Education in the Era of AI: an Exploration of Tools and Research Directions That Support Technology Infusion** [66595]
Yi Jin, Iowa State University, Teresa Foulger, Arizona State University, Melissa Warr, New Mexico State University, Denise Crawford, Iowa State University, Arlene Borthwick, National Louis University, David Rutledge, New Mexico State University, Jon Clausen, Ball State University, USA

Wyeth C / Roundtable (F2F) (1 hr)

GAI Making Educational Text Corpus Accessible to All Using AI [65833]
Andrea Paganelli, Pamela Jukes, Western Kentucky University, USA

SICET Initial Step to Assess the Use of Artificial Intelligence in Learning [66192]
Phillip Tretheway, Leping Liu, University of Nevada, Reno, USA

TLET A Collaborative Self-Study on Using Generative AI in Learning Environment Design [66050]
Liyang Song, Beatriz Gamboa Sanchez, Liam Browne, Tolulope Banjo, Veronica Seward, Towson University, USA

TLET From AI-Assisted Design to Student-Driven Critique: Building Theory Fidelity in Game-Based Learning [66054]
Suzanne Ensmann, The University of Tampa, Asia Brown, Melanie White, University of Tampa, USA

TPACK Preparing Preservice Teachers to Use Artificial Intelligence (AI) Ethically: Ensuring and Encouraging AI Fluency [66209]
Natalie Johnson-Leslie, Leslie H. Steve, Audrey Bowser, Diana Williams, Arkansas State University, USA

Hopper / Panel (F2F) (1 hr)

TPP AI Policy and Stakeholder Engagement: Collaborative Approaches to AI Policy Development [66132]
Elizabeth Langran, Marymount University, Janice Mak, Arizona State University, Amy Eguchi, University of California San Diego, Lucretia Fraga, University of the Incarnate Word, Nancye Blair Black, Teachers College Columbia University, USA

O'Keefe / Best Practices (F2F)s

GAI AI-Enabled Accreditation: Best Practices for Strengthening Continuous Improvement in Educator Preparation [66212]
Beth Kubitskey, Council for the Accreditation of Educator Preparation (CAEP), Anne Tapp Jaksa, Saginaw Valley State University, Malina Monaco, Council for the Accreditation of Educator Preparation (CAEP), USA

EVAL Scaling EduBot Across Disciplines: Multiple Courses Expansion [66089]
Ruifang Hope Sun, State University of New York, Empire State University, Saratoga Springs, NY, Maryam Badrizadeh, Alireza Dalili, SUNY Farmingdale, Renata Kochut, SUNY Empire State University, USA

DE Developing an Online Community of Inquiry: Identifying the Role of Synchronous Sessions in Online and Blended Courses [65995]
Nathaniel Ostaszewski, Matt Zink, Athabasca University, Canada

Warhol 8th Floor / Brief Papers

NPI Developing Human-Verified AI Content Generation Workflows for Digital Learning [66074]
Hasan Cakir, Gazi University, Serdar Arslan, Cankaya University, Erdogan Bikmaz, Mehmet Kaleli, Smart ICT, Beytullah Yildiz, Atilim University, Turkey

XR Designing AI-Driven Student Avatars to Support Discussions of Scientifically Relevant Real-World Problems in STEM Teacher Preparation [66108]

John Pecore, Byron Havard, Shim Lew, University of West Florida, Melanie Kinskey, Texas A&M University, Jeanna Wieselmann, Southern Methodist University, Preethi Titu, Kennesaw State University, Jerrid Kruse, Drake University, USA

NPI Graduate Writers in the Digital Age: Navigation of Reddit Platform for Academic Writing [65803]

Dalia SeifAllah, Lamia Dawood, Farheen Mahmood, Indiana University of Pennsylvania, USA

Benton 8th Floor / Brief Papers

TLET Preservice Teacher Disposition Module Evaluation: Using AI to Scaffold Teacher Professional Identity [65799]

Matthew Kruger-Ross, Maria Stetter, West Chester University of Pennsylvania, USA

TLET Elementary Preservice Teachers' Conceptions and Perceptions of AI After Participating in a Competency Based AI Module [65866]

Christine Wusylko, School of Instructional Technology and Innovation, Kennesaw State University, Lauren Weisberg, University of Texas at Arlington, USA

SE Designing for Place: Newcomer Teachers' Asset-Based STEM Practice in Rural Contexts [66617]

Nicholas Lux, Marcie Reuer, Montana State University, USA

Cassatt 8th Floor / Best Practices (F2F)s

DE Redefining Grade Levels: Best Practices in Multi-Grade K-12 Online Learning. [66247]

Tani Sapp, Idaho State University and Braintree Educational Services, USA

XR AI-Enhanced VR Environments in Education [65801]

Michael McKenzie, Bianca Simeone, Coastal Carolina University, USA

ME Understanding AI Feedback Patterns in Mathematics: Preparing Teachers to Evaluate AI-Generated Feedback [66098]

Amanda Reinsburrow, Cindy Yovanov, Jason Silverman, Drexel University, USA

Pollack 8th Floor / Brief Papers

ID AI, Computational Thinking, and Cybersecurity As Collaborative Catalysts in School Library Media Education Programs Lessons From Redesigning Curriculum and Student Voices [65957]

David Robinson, Syeda Shahid, Melissa Daggett, Towson University, USA

ID Teaching and Learning Experiences With a Visible Learning AI Tool: a TrustAI Case Study [66746]

Hannah Chung, Medha Venkatapathy, Massachusetts Institute of Technology (MIT), Nari Kim, University of Wisconsin-Oshkosh, USA

ID Levels of ICT-Integrated STEM Lessons: an Instrument Helps Teachers Compare and Design Activities [65924]

Duc Dat Nguyen, University at Albany, USA; Thanh Huyen Ngo, Van Bien Nguyen, Hanoi National University of Education, Vietnam; Diane Coddling, University at Albany, USA

Calder 8th Floor / Full Papers

GE Designing Transformative Science Teacher Development: a Convergent Mixed-Methods Study of Confidence, Engagement, and Equity in PreK–3 Science Education [66646]

Wei Zhang, Meredith Reinhart, Katherine Suender, Western Michigan University, Shuzhen Xie, Marquette University, USA

TPACK Extending the TPACK Framework: Professional Judgement Literacies for Teaching With Generative AI [66683]

Carmen Miles, De Montfort University, United Kingdom

4:15-5:15 PM

Wyeth A / Panel (F2F) (1 hr)

LEAD Celebrating 25 Years of the CITE Journal: Past, Present, and Future Directions [66504]

Yi Jin, Iowa State University, Chrystalla Mouza, University of Illinois-Urbana Champaign, Glen Bull, University of Virginia, Natalie Milman, George Washington University, Ellen Meier, Columbia University, Marie Heath, Loyola University, Daniel Krutka, University of North Texas, John Pecore, University of West Florida, Richard Hartshorne, University of Central Florida, USA

Wyeth B / Symposium (F2F) (1 hr)

CSE Part 2: Computer Science Teacher Education Pathways: Strategies, Approaches, and Lessons Learned [66798]

Yin-Chan (Janet) Liao, Huizi Zeng, Erin Anderson, Georgia State University, Jennifer Rosato, University of Minnesota, Michelle Friend, University of Nebraska-Omaha, Ijeoma Mbaezue, Georgia State University, USA

CSE Developing a K-8 Computer Science and Digital Literacy Endorsement in South Carolina [66283]

Alex Fegely, Joseph Winslow, Marvin Evans, Crystal Cox, Coastal Carolina University, Kevin Little, South Carolina Department of Education, USA

CSE Launching ACE-CS: Advancing Curriculum and Engagement Through Alternative Teacher Prep [66485]

L. Ellen Caillouet, Bonnie Achee, Paula Calderon, Jamie Mixon, Southeastern Louisiana University, USA

CSE Integrated Computational Thinking into Early Childhood Literacy Course [66806]

Deborah Kariuki, University of Maryland Baltimore County, USA

CSE Designing a Student-Centered Pathway to New York State Computer Science Teacher Certification [66795]

Diane Coddling, University at Albany, Lijun Ni, Haesol Bae, Peter Shea, Elizabeth Thomas-Cappello, University at Albany, SUNY, USA

Homer / Full Papers

XR Preservice Teachers Learn Life Cycles Through Augmented and Virtual Reality: a Case Study [65853]

Christelle Fayad, Texas Christian University, Curby Alexander, Texas Christian University, Hayat Hokayem, Texas Christian University, USA

XR Virtual Reality Integration for English Language Learners: Insights From K-12 Educators [65883]

Nouf Alshareef, University of Saint Thomas twin cities, Chientzu Candace Cho Cho, University of St. Thomas (MN), USA

Wyeth C / Roundtable (F2F) (1 hr)

GAI Learning Fundamental AI Concepts Through Blocks-Based Programming Projects [65870]

Jane Kang, Education Development Center, Mary Fries, Education Development Center; UMass Boston, USA

TIP Hands-on STEM in the AI Era: Frameworks, Challenges, and Transformative Possibilities for K-12 Teachers and Educator Preparation [65575]

Michaine Ashley, Texas Woman's University, USA

CSE A Roundtable Discussion on Examining Elementary Teachers' Design Consideration of Computational Thinking-Integrated Lesson Planning [66340]

Hui Yang, Arif Rachmatullah, SRI, USA

ECE Embodied Reflection and Teacher Advocacy: Supporting Developmentally Appropriate Practice in iPad-Mandated Early Childhood Classrooms [66318]

Terri Hubbard, Polk State College, USA

GAI Prompt Engineering for Literature Reviews: a Pilot Self-Study of Elicit and ResearchRabbit [66446]

Tolulope Banjo, Towson University, USA

Hopper / Panel (F2F) (1 hr)

ID From Proposal to Publication: Practices and Lessons Learned in Creating a SIG Instructional Design eBook—AI for, With, and by Instructional Design [66758]

Nari Kim, University of Wisconsin-Oshkosh, Minkyong Kim, University of Tampa, Angela Rand, University of South Alabama, Keirah Comstock, University of Rochester, USA

O'Keefe / Full Papers

GAI How Do Middle School Students and Teachers Ethically and Thoughtfully Engage With AI Technologies? [65867]

Christine Wusylko, School of Instructional Technology and Innovation, Kennesaw, Bridget Newell, University of Florida, USA; Xiaoman Wang, Western Michigan, Canada; Angela Kohnen, Loraine Cisternas, Priya Prasad, Albert Ritzhaupt, Anthony Botelho, Kevin Cen, University of Florida, USA

GAI From Co-Intelligence to Co-Metacognition: Designing Dual-Loop Assessment in an AI Coaching System for Teacher Learning [66401]

M. Elizabeth Azukas, Georgia Institute of Technology, USA; David Gibson, Curtin University, Australia

Warhol 8th Floor / Brief Papers

STEM Fostering Scientific Thinking and STEM Engagement Through eSports and Minecraft: the Mine Game Project [66065]

Hasan Cakir, Gazi University, Mustafa Goksel Koroglu, International Life Long Learning Association, Turkey

TLET Toward Critical Human–AI Collaboration: Empowering Preservice Teachers to Challenge Injustice Through Sociocultural Approaches [65877]

Blessed Mhungu, University at Buffalo, USA

INTL Bridging Unevenly Shared Language: an AI- and OCR-Supported Translanguaging Approach for International Teacher Education [66102]

Derrel Fincher, Pittsburg State University, USA

Benton 8th Floor / Full Papers

TLET Navigating Education Policymaking in the Age of GenAI: an Exploratory Study of State Policymakers' Perspectives [66012]

Janice Mak, Arizona State University, Carolina Torrejon Capurro, Oklahoma State University, USA

TLET AI & Creativity: a Systematic Review of the Literature in Higher Education [66690]

Angela Rand, Elizabeth Shepard, University of South Alabama, Samaa Haniya, Pepperdine University, Valerie Hartman, Johns Hopkins University, Maria Esposito, Molloy University, USA

Cassatt 8th Floor / Brief Papers

GAI Teaching With GenAI Video: a Factorial Study of Student Outcomes and AI Disclosure [65800]

Michael McKenzie, Joe Winslow, Marvin Evans, Coastal Carolina University, USA

GAI Effortful Learning With AI: Graduate Students' Use, Perceptions, and Reflections in a Technology Integration Course [65823]

John Williams, Kirsten Biersbach, University of South Dakota, USA

OGE Enhancing Critical Thinking Through Paraphrasing: Leveraging AI for Productive Study Skills [65738]

Fatiha Bazouche, David Moore, Ohio University, USA

Pollack 8th Floor / Brief Papers

TPP A Critical Policy Analysis on HB 379: the TikTok Ban in Florida Schools [66146]

Samantha Lopez, Florida Atlantic University, USA

TPP Mapping the Invisible: a Framework for Understanding the Ethics of Generative AI in Education [66567]

Punya Mishra, Arizona State University, Marie Heath, Loyola University, Lindsey McCaleb, Nicole Oster, Arizona State University, USA

TPP Understanding Student Expectations and Attitudes Towards Microcredentials: Insights From a Multi-University Survey [66062]

Meryem Aysegul Kozak Cakir, Bursa Uludag University, Hasan Cakir, Gazi University, Turkey

Calder 8th Floor / Full Papers

STEM Coding the Circulatory System: Integrating Art and Robotics to Foster Fifth-Grade STEAM Outcomes [66604]

Jillian Powers, Susannah Brown, Ann Musgrove, Florida Atlantic University, Jennifer O'Sullivan, Lindsey Wuest, Florida Atlantic University Lab Schools, Danielle Brown, Robert Bogle, Samantha Lopez, Florida Atlantic University, USA

TPACK Appreciative Inquiry As Catalyst for TPACK Development: a Strengths-Based Approach to Professional Development in Higher Education [66686]

Carmen Miles, De Montfort University, United Kingdom

Club Lounge 8th Floor / Culture & Climate Committee Meeting

5:15-6:45 PM

Calder 8th Floor / Corporate Demo / Literatures

- 1 **Learn STEM Topics by Building a Lectec Electric Skateboard Kit** [66320]
Lynn Hummel, Commonwealth University of Pennsylvania, USA
- 2 **Safe Adoption of AI Translation in School Systems** [66805]
Paulina Mieczkowska, Vasco Electronics, USA
- 3 **Empowering Preservice Teachers to Utilize AI for Elementary Science Lesson Creation** [65515]
Shawn O'Neill, Bridgewater State University, USA
- 4 **Narratives and Networks: Bridging AI, Literacy, and Engineering for Equitable STEM Education** [65517]
Shawn O'Neill, Tori Cameron, Bridgewater State University, USA
- 5 **Growing Roots: Developing Teacher/Researcher Arts-Based Methodology** [65580]
Rachel Terlop, Simpson College, Leslie La Croix, George Mason University, USA
- 6 **Collaborative Pathways: Technology, Inclusion, and Early Childhood Special Education in Global and Local Partnerships** [65581]
Rachel Terlop, Jessicah Wallingford, Madison` Harvey, Grace Pullman, Jenna Norris, Simpson College, USA
- 7 **Insight into Teacher Burnout and Their Lived Experiences Post-Pandemic: an Examination of Early Career, Public, K-12 Special Educators in Northeastern Pennsylvania** [65694]
Alexandra C Taffera, Sandra A Pesavento, Marywood University, USA
- 8 **Artificial Intelligence As a Co-Regulator of Students' Self-Regulated Learning in Higher Education** [65697]
Qusai Tweissi, Ohio University, USA
- 9 **Crafting Curriculum, Phase Three: Educative Videos for Historical Photographs** [65714]
Cory Callahan, University of Alabama, USA
- 10 **Preparing for Change: a Pilot Study on AI As a Tool for Differentiation in K-12 Classrooms** [65739]

Amber Barton, The University of Alabama, Marissa J. Filderman, University of Alabama, Mary Lachney, The University of Alabama, USA

11 **Innovating Mathematics Learning: Using Artificial Intelligence to Support the Standards for Mathematical Practice** [65751]

Mic Fenech, Gardner-Webb University, USA

12 **Exploring the Effects of Various Prompts and LLMs on Coding Automated Constructive Feedback** [65793]

Yiyao Yang, Yasemin Gulbahar, Teachers College, Columbia University, USA

13 **How Elementary Teachers Make Sense of Computer Science Education** [65798]

Julie Perry, Florida State University, USA

14 **Exploring Teachers' Adoption of Generative Artificial Intelligence (GenAI) in Educational Settings Based on the AIDUA Model** [65805]

Mor Deshen, Ramat-Gan Academic College; Bar-Ilan University, Ruben Harari, Noa Aharony, Bar-Ilan University, Israel

15 **AI-Assisted Literature Review: Designing and Evaluating an Instructional Intervention** [65811]

Maryam Saneie Moghadam, Elena Cotos, Iowa State University, USA

16 **Beyond Accommodation: Learning Practices and Tech Innovation in Disability-Inclusive Higher Education** [65820]

Dana Kaspi -Tsahor, Tali Heiman, Dorit Olenik-Shemesh, OPI- Open University of Israel, Israel

17 **VisionCoders: Many Levels of Game-Based Learning** [65831]

Carol Redfield, St. Mary's University, Stephanie Garcia, Hector Bojouque, Asaiah Puente, Intercultural Development Research Association, USA

18 **An Analysis of Large Language Models (LLMs) in Education: Applications, Challenges, and Use Cases** [65843]

Mahnaz Moallem, Towson University, USA

19 **Prompting Generative AI to Prompt into Developing Students' Higher-Level Thinking Skills** [65847]

Azmat Minhaz, University of Delaware, USA

20 **Progress, Challenges, and the Path to Equity in Rochester Elementary Schools** [65887]

Aimee Maoriello, James Oigara, State University of New York College at Geneseo, USA

21 **Practice and Improvement of Generative AI Instruction for Preservice Teachers and Recent Graduates of the Graduate School of Teacher Training Development** [65901]

Haruo Hasegawa, Graduate School of Teacher Training Development, University of Toyama, Japan

22 **Using Authentic Engineering Experiences to Help Teachers Learn the Eight Engineering Practices** [65965]

Waldemar Stepnowski, College of Staten Island - CUNY, USA

23 **Leveraging Generative AI Tools to Conduct Comprehensive Exams Prior to Project-Based Learning Courses** [65968]

Sa Liu, Charles Palmer, Harrisburg University of Science and Technology, USA

- 24 **Reflections of Novel Effect Integration: Preservice Teacher Experiences in Elementary Special Education Classrooms Through Arts-Based and Comics-Based Research** [65973]
Rachel Terlop, Simpson College, USA
- 25 **Crazy Slots: a Minimal-Call Architecture for Authentic AI Student Avatars in VR Teacher Training** [65978]
Judson Haynes, University of Maryland, College Park, USA
- 26 **Exploring Aura, Self-Reflection, and Pedagogical Practice: an Exploratory Study With Teacher Education Students and Scholars** [65979]
Rachel Terlop, Aswati Subramanian, Simpson College, USA
- 27 **The AI Fluency-ADDIE Integrated Framework: a Guide for Systematic AI Integration in Curriculum Design** [65993]
Mengyao Cheng, University of North Carolina at Chapel Hill, USA
- 28 **From Players to Creators: Enhancing Middle School Students' Learning and Motivation Through VR Game Design** [66025]
James Hernandez, Harlandale ISD, Hyejeong Lee, Suraj Bandela, The University of Texas at San Antonio, USA
- 29 **Relevance of Instructional Design Modeling Support in Online Instruction.** [66084]
Geofrey Kagumba Gubi, YingYing Liu, Mahnaz Moallem, Towson University, Hoda Harati, Towson, USA
- 30 **Healing Through Creativity: Real Student Projects That Support Patients at a Local Burn Center** [66116]
Robert Dumas, Broken Arrow Public Schools, USA
- 31 **Reflections on Collaborative Digital Storytelling in Teacher Preparation** [66130]
Becca Corso, Stonehill College, USA
- 32 **Improving Teacher Education Programs for Computing Integration: a Participatory Design Approach** [66131]
Gabrielle Figueroa, CUNY Graduate Center, Olamide Ogungbemi, Yesim Akar-Hozman, Michigan State University, Jenia Marquez, Sara Vogel, City University of New York, USA
- 33 **Creating a Sustainable Digital Archives Repository: Partnering With the Portal to Texas History** [66145]
Shelby Ware, LeTourneau University (work), Gary Borders, LeTourneau University, Zoe Abbie Teel, University of North Texas, USA
- 34 **Challenge-Based Learning Through Pop-Up Makerspace STEAM Studios** [66158]
Kirtika Panwar, Sheri Vasinda, Oklahoma State University, USA
- 35 **Embracing Generative AI in an Intelligent Enterprise: a Strategy to Equip Emerging Professionals** [66194]
Lou Thompson, University of Texas at Dallas, Babu Ayyalu, Aarden Innovations - Director - SAP Technology and Customer Success, USA

- 36 **Understanding Preservice Teachers' Perspectives on the Role of GenAI in Elementary STEM Education** [66199]
Azadeh Hassani, Guy Trainin, Deepika Menon, Azatzhan Baitekoy, University of Nebraska-Lincoln, USA
- 37 **Developing CS Knowledge and Identity in Grades 3–5 Through Robotics Enhanced Integrated CS Curriculum** [66220]
Hasan Deniz, University of Nevada Las Vegas, Erdogan Kaya, University of Texas at Arlington, Ezgi Yesilyurt, Utah State University, Refika Turgut, University of South Carolina Upstate, Dilara Karazorluoglu, University of Nevada Las Vegas, USA; Elif Adibelli-Sahin, The Development Workshop-Ankara, Turkey
- 38 **From Screen to Space: Collaborative Mixed Reality Physics Simulations** [66263]
Jason Harron, Kennesaw State University, USA
- 39 **A Longitudinal Analysis of Computer Science Professional Development and Implementation in New Mexico** [66267]
Paige Prescott, Amanda Peel, Adaline De Chenne, Jordan Henderson, Taymari La Cour, Sage Baeza, Christabel Wayllace, Patty Lopez, New Mexico State University, USA
- 40 **AI-Driven Holographic Teacher** [66279]
Manikandan Chandran, Independent, USA
- 41 **Epistemic Reliability Under Generative AI: the Problem of Hallucinated Knowledge** [66303]
Klaus Schmidt, Bharat Dash, Illinois State University, USA
- 42 **Supporting Artificial Intelligence Teaching Efficacy Beliefs of Preservice Teachers** [66440]
Erdogan Kaya, University of Texas at Arlington, Dai Gu, George Mason University, Ezgi Yesilyurt, Utah State University, Eter Mjavanadze, George Mason University, Hasan Deniz, University of Nevada, Las Vegas, USA
- 43 **Preservice Elementary Teachers' Self-Efficacy for Generative AI Integration** [66441]
Dai Gu, George Mason University, Erdogan Kaya, University of Texas at Arlington, Eter Mjavanadze, George Mason University, Ezgi Yesilyurt, Utah State University, Hasan Deniz, University of Nevada, Las Vegas, USA
- 44 **At the Intersection of Civic Identity and Pedagogical Practice: TPACK in the Social Studies Classroom** [66459]
Ryan Beaudoin, University of Houston, USA
- 45 **The T.R.U.S.T. Framework™: Preparing Preservice Teachers to Navigate AI in K-12 Classrooms** [66501]
Christina Cooper, Quantum Flex Solutions, USA
- 46 **Preservice Teachers' Perceptions and Use of AI in Daily Life and Academic Settings** [66507]
Hyuksoon Song, Georgian Court University, Hawon Song, Bergen County Academies, Brenna Sullivan, Georgian Court University, Rachel Geesa, Ball State University, USA
- 47 **Adversarial Instructional Design: an AI-Resilient Assessment Framework Illustrated in a Chemistry Course** [66536]
Ariela Kaspi-Kaneti, Liron Kaneti, university of La Verne California, USA

- 48 **Connecting Campus and Curriculum: Using Jacaranda Flowers to Enhance Engagement in Time-Limited Chemistry Labs** [66537]
Ariela Kaspi-Kaneti, university of La Verne, Danny Zeng, Hannah Aranki, Brianna Morris, Michelle Cornejo, Andrew Rice, Hou Ung, Nixon Mwebi, university of La Verne California, USA
- 49 **Sul Ross State University's Noyce K-12 AI Capacity Building Program for Rural Communities** [66542]
Jennifer Miller-Ray, Kevin Badgett, Christopher Ritz, Sul Ross State University, Tandra Tyler-Wood, University of North Texas, USA
- 50 **Experiencing AI Model Building and Deployment: Effects on University Students' Negative Attitudes and Anxiety Toward AI** [66577]
Takahiro Tagawa, Chikushi Jogakuen University, Japan
- 51 **Constructing Team-Based Technology Leadership Indicators and a Weighting System for Senior High Schools in Taiwan** [66623]
I-Hua Chang, Department of Education, National Chengchi University, Chia- Hsiang Chen, Taoyuan Municipal Nankan Senior High School, Taiwan
- 52 **The Impact of One-to-One Laptop Programs on Digital Learning and Implications for Taiwan's Tablet Policy Introduction** [66626]
I-Hua Chang, Department of Education, National Chengchi University, Taiwan
- 53 **Emotional Design Based on 360 Video in Teacher Education** [66677]
Lionel Roche, Université du Québec à Montréal, Pierrich Plusquellec, Université de Montréal, Alain-Steve Comtois, Université du Quebec à Montreal, Ariane Bouchard, Université du Quebec à Montreal, Canada, Canada
- 54 **Strengthening STEM Identity Through Making** [66697]
Rich Gilliam, STEM Plug, USA
- 55 **Inspire Reading: Making Creativity Teachable Through AI-Powered Feedback in Everyday Classrooms** [66698]
Maryam Mosharraf, Elinor Rosen, Haley Hogan, Anna Milendorf, Meredith Joseph, Melissa Murray, Talk Coaches, USA
- 56 **From Instruction to Interaction: Designing an Embodied, AI-Supported Learning Ecology** [66701]
Shekhar Dash, University of North Carolina at Chapel Hill, USA
- 57 **TrustAI: an AI Thought Tool for Making Student Learning Visible** [66732]
Hannah Chung, Medha Venkatapathy, Massachusetts Institute of Technology (MIT), Nari Kim, University of Wisconsin-Oshkosh, USA
- 58 **Reimagining Leadership Preparation: AI and Immersive Simulation for Practice-Based Learning** [66742]
Tiffany Newsome, Western Carolina University, USA
- 59 **A More Friendly Approach to Inventing: LEGO-Compatible Structures for STEM Exploration** [66176]
Roger Wagner, 1010 Technologies, USA

Calder 8th Floor / Corporate Demo / Literatures

6:45-9:00 PM

Pub C.R.A.W.L. (Pursue Unknown Boundaries and Create Really Awesome Wonderful Leaders)

7:00-10:00 PM

76ers Xfinity Mobile Arena

Sold Out - Wed SITE NBA Night: Bulls @ 76ers NBA Game (Group 1)

Wed SITE NBA Night: Bulls @ 76ers NBA Game (Group 2)

Thursday, March 26

8:00 AM-5:00 PM

2nd Floor Wyeth Foyer

Registration

2nd Floor Wyeth Foyer / Kick off Coffee: 8:30-9:00 AM

9:00-10:00 AM

Wyeth Ballroom ABC

General Session, Poster Award Presentations & Keynote: Education in the AI Era

Author: Jennie Magiera, Global Head of Education Impact, Google, US. \par \par Abstract: This talk will offer insights into the deliberate, responsible, and impactful integration of AI into teacher preparation programs and the broader work of educators. Jennie will explore how attendees can leverage AI to equip future and practicing educators with essential skills for a technologically advanced educational landscape, covering topics from future workforce considerations to the nuances of AI literacy. \par \par Bio: Jennie Magiera is the Global Head of Education Impact at Google, the Corwin bestselling author of Courageous Edventures and the founder of the non-profit organization, Our Voice Alliance, whose mission is to elevate marginalized voices and perspectives to improve equity & empathy in education. She also serves on the board of Saga Education. Previously, she was the Chief Program Officer for an edtech company, the Chief Innovation Officer for the Des Plaines School District, the Digital Learning Coordinator for the Academy for Urban School Leadership, and a Chicago Public Schools teacher. Jennie uses her classroom experiences to inform her work supporting educators to create new and better opportunities for their students. She believes that despite the many challenges facing schools today, every classroom can be a place for “edventures”: student-centered, passion-based experiential learning. \par \par Jennie is also passionate about reimagining professional learning to facilitate more relevant teacher support. She has served on the Technical Working Group for the US Department of Education’s National Educational Technology Plan, helped develop the Dynamic Learning Project, and co-founded various conference concepts such as PLAYDATE and Teachers for Tomorrow. She has been recognized for her work as an Obama White House Champion for Change, Chicago Public Schools Innovator of the Year, TEDx Speaker, Golden Apple Teacher of Distinction, ISTE Impact Award Winner, SheRunsIt Working Mothers of the Year, and featured on various programs such as NBC’s Education Nation, C-SPAN’s Reimagining Education and NPR. \par \par Jennie shares her experiences taking risks in the classroom and helping

others to feel comfortable doing the same in her book, *Courageous Edventures*. You can follow her on Twitter at @MsMagiera and learn more about her work and her book at bit.ly/edventuresbook. \par \par Jennie is a graduate of Phillips Exeter Academy and has earned a BA in psychology and history from Columbia University and a MS from University of Illinois at Chicago in Mathematics Education.

10:15-11:15 AM

Wyeth B / Full Papers

CT **Computational Thinking for All? a Lesson Plan Analysis From Elementary Paraprofessionals Teaching a STEM/CT Integrated Lesson** [66237]
Aubrey Rogowski, University of Maine, USA

CT **Empowering Special Education Teacher Candidates Through Practice-Based Approaches to Computational Thinking** [66256]
Kandace M. Hoppin, Roba Nawash, Rachel Billman, Christopher Martini, Towson University, USA

Whistler A / Full Papers

EQ **Cultural Heritage Themes Revealed in Developing a Virtual Tour for a Historic Rosenwald School** [66224]
Kevin Oliver, Franziska Bickel, Angela Wiseman, North Carolina State University, USA

ASSESS **Improving Educational Performance by Assessing and Remediating Knowledge Rather Than Step-by-Step Performance.** [66081]
John Leddo, Maahika Challagulla, Mahnoor Ahmad, MyEdMaster, LLC, USA

Whistler B / Full Papers

GAI **A Self-Assessment Chatbot Greatly Outperforms Standard LLMs in Teaching Students** [65967]
John Leddo, Yuqi Wang, Chen Hsu, Xueyang Zhao, Abhinav Maviti, Anirudh Manikandan, Prisha Sharma, Sreshta Karanam, Arbaaz Singh, Yuvan Ganne, Harman Sabharwal, Mehul Bansal, Dhruv Shrivastava, Kriti Regandla, Kevin Newhams, MyEdMaster, LLC, USA

GAI **Responsible Imaginaries of Generative AI in Education: an Analysis of Narrative Frames, Moral and Affective Dispositions of an Online Community** [66020]
Subhasree Sengupta, Florida State University, USA

Homer / Full Papers

ID **Balancing Guidance and Autonomy in Online Learning: Insights From Students' Perceived Control** [66147]
Hyojung Kim, Indiana University, USA; Ga-young Yun, Seoul National University, Korea (South)

ID **Examining the "More Tech" and Gendered Mindset: Do Multiple EdTech Tools and Student Gender Predict Engagement in Graduate Online Courses?** [66200]
Chikezie Ozuzu, Touro University Graduate School of Education, Jillian Wendt, Liberty University, School of Education, USA

Wyeth C / Roundtable (F2F) (1 hr)

TLET Innovation LIT Lab: Co-Designing AI-Enhanced Interdisciplinary Literacy Technologies for Students Who Experience Reading Challenges [66189]

Earlisha Whitfield, Elsie Olan, University of Central Florida, USA

SE Influences on Adolescent Eating: Linking Body Image, Habits, and Learning [66288]

Kenidy Bennett, Maryah Javed, Lamar University, USA

GAI Exploring Students Use, Attitudes, Perceived Usefulness, and Perceived Ease of Use of Generative Artificial Intelligence (Gen AI): Implications From the Technology Acceptance Model (TAM) [66607]

Abdulsalami Ibrahim, Millersville University, Nada Tayem, Indiana University of Pennsylvania, USA

TLET Exploring AI-Automated Feedback Tools for Students in K-12 Classrooms [66748]

Pankaj Khazanchi, Cobb County School District/Liberty University, Rashmi Khazanchi, Open University of the Netherlands, USA

SICET Boosting Student Voice: Video-Based Speaking Practice to Improve Elementary English Language Learner Performance on the WIDA ACCESS Test [66773]

Mabel Sedano, University of Nevada, Reno, USA

Hopper / Full Papers

ME Multiple Synchronized Representations in Digital Time Learning: an App Designed to Intuitively Capture and Better Understand Time. [66207]

Tobias Huhmann, Christian Urff, University of Education Weingarten, Germany, Germany

ME Who is Learning in Precalculus? the Expansion of GPT Capabilities in Mathematics [66246]

Anthony Dove, Radford University, USA

Warhol 8th Floor / Full Papers

SPAT Can School-Based Vestibular Stimulation Exercises Counteract the Developmental Effects of Screen-Related Inactivity? a Critical Literature Review [65999]

Constance (Connie) Hamner, Pamela McCray, Norman St. Clair, The University of the Incarnate Word, USA

CT Learning to Exist: a Pilot Study of an Unplugged Computational Thinking Workshop [66609]

Daniel Mourlam, University of South Dakota, Hannah Caffee, Kimberly Webber, Black Hills State University, Nicol Reiner, Sanford Underground Research Facility, USA

Benton 8th Floor / Full Papers

TLET From Perception to Practice: Exploring Students' Perceptions in an Accelerated Online Learning Environmen [66080]

Hoda Harati, Towson University, Chih Hsiung Tu, Northern Arizona University, Cherng-Jyh Yen, Old Dominion University, Gretchen McAllister, gretchen.mcallister@nau.edu, Geoffrey Kagumba Ggubi, Yingying Liu, Towson University, USA

INTL Building Intercultural Connections Through Virtual Exchange: a Brazil–US Initiative in Teacher Education [66196]

Daniela Garcia, São Paulo State University- School of Sciences, Languages and Humanities, Assis, Douglas Santos, São Paulo State University, Brazil; Laura Wilkinson, Virginia Commonwealth University, USA

Cassatt 8th Floor / Full Papers

GAI Chatbot-Supported Scaffolding in Block-Based Programming: Usage Patterns, Perceived Support, and Learning Performance [66650]

Masoud Askarnia, Deniz Unal, Jongpil Cheon, College of Education, Texas Tech University, USA

GAI Design Principles to Mitigate Over-Reliance in Preservice Teachers' Lesson Design With Generative AI Chatbot [66673]

Juhyun Park, Kyungbin Kwon, Indiana University Bloomington, USA

Pollack 8th Floor / Full Papers

SE Integrating 3D Printing in a Middle School Science Classroom: a Case Study [66570]

Sumanth Reddy Nandhikonda, Suparna Chatterjee, Rigesh Krishnaraj, New Mexico State University, USA

GE Unpacking Success: a Systematic Literature Review of K-12 Preservice Teacher Professional Learning Communities Focusing on Technology Integration [66638]

Yi Jin, Zhiyu Feng, Carlos De Moraes Junior, Huanjiao Dong, Iowa State University, USA

Calder 8th Floor / Full Papers

EVAL Beyond Data and Tools: Professional Judgment As a Mediating Mechanism in Technology-Influenced Educational Decision-Making Contexts [66643]

Wei Zhang, Western Michigan University, USA

SICET Enhancing Pedagogical Knowledge Through Customized ChatGPT: a Study on Preservice Teachers [66666]

Rod Case, Leping Liu, University of Nevada, Reno, USA

Club Lounge 8th Floor / Full Papers

SE Is the Difficulty of “Justification” in Physics Problem-Solving Cognitive or Epistemic?: an Analysis of Students' Failure Patterns and Their Epistemic Beliefs [66143]

Mai Nakano, Graduate School of Science, Tokyo University of Science, Takaki Kondo, Yuki Watanabe, Tokyo University of Science, Japan

TLET Scaling the Community of Inquiry: the Inquiry-MOOC Design [66726]

Nathaniel Ostashewski, Athabasca University, Canada

O'Keefe

Keynote Conversation

Join with our keynotes daily for an informal follow-up to keynote, Q&A session.

Wyeth A

SICET @ SITE Spotlight Talk: Agents of Change: Exploring Hybrid Intelligence in Education

11:30 AM-12:30 PM

Wyeth A / Panel (F2F) (1 hr)

ID The Collaborative Writing Group (CWG) Project: Working Together for a Stronger Community [66585]

Jiyeon Jung, Valdosta State University, Minkyong Kim, University of Tampa, Angela Rand, University of South Alabama, Keirah Comstock, University of Rochester, Nour El Houda Maache, Ohio University, Hyojung Kim, Indiana University, Beth Shepart, University of South Alabama, Jennifer Qian, Louisiana State University, USA

Wyeth B / Panel (F2F) (1 hr)

GE Positioning for Possibilities: a Panel on Preparing a Path for a Career in Academia [65908]

Stephanie Smith Budhai, University of Delaware, Elizabeth Langran, Marymount University, Curby Alexander, Texas Christian University, Jonathan Cohen, Georgia State University, Yi Jin, Iowa State University, USA

Whistler A / Brief Papers

GAI AI in Education Through the Lens of Cognitivism and Constructivism [65841]

Joshua Tabor, Texas Woman's University, USA

GAI A Reflexive Comparison Between AI and Human Researchers on Qualitative Research Materials and Data Analysis [65943]

Fatemeh Ashrafabadi, University of Nebraska-Lincoln, Astri Napitupulu, Davorka Marovic-John, Jason Carter, Ngan Ngan Yeung, Shea Kerkhoff, University of Missouri St-Louis, USA

TLET Exploring Faculty Adoption of Generative AI: Insights From a UTAUT-Based Study at a U.S. University [65927]

Ronald Nyanzi, Indiana University of Pennsylvania, USA

Whistler B / Best Practices (F2F)s

ID Building a Community of Peer Critique for Instructional Design Projects Based on a Plus-Delta-Plus Model [65997]

Joanne Beriswill, Mississippi State University, USA

ID Integrating User Experience and Learning Sciences: a Co-Creation Approach to Designing Cybersecurity Learning in Articulate Rise 360 [66055]

Mahnaz Moallem, Doowuese Igbazua, Towson University, USA

ID Course Redesign, Re-Imagined: Putting AI to Work [66072]

Stephanie Hoepfner, University of Cincinnati Clermont, USA

Homer / Best Practices (F2F)s

TPP From Vision to Practice: a Multidisciplinary Advisory Network As a Model for Large-Scale National Policy Implementation [65893]

Bruna Damiana Heinsfeld, University of Minnesota, Twin-Cities, USA; Julciane Rocha, Pontificia Universidade Católica de São Paulo (PUC-SP), Daiani Riedner, Ana Carolina Costa, Universidade Federal de Mato Grosso do Sul (UFMS), Hercules Sandim, Universidade Federal de Mato Grosso do Sul (UFMS), Brazil

ECE Collaborative Online International Learning (COIL) in Early Childhood Teacher Preparation: Challenges, Adaptations, and Insights [65969]

Chia Jung Yeh, East Carolina University, Wei-Ying Hsiao, University of Alaska Anchorage, USA; Pei-Ying Lin, University of Saskatchewan, Canada; Claire Keller, East Carolina University, USA

SE Curiosity and Engagement Within Unconventional Learning Environments [66605]

Allison Schofield, Central Michigan University, USA

Wyeth C / Roundtable (F2F) (1 hr)

SICET AI and Language Teacher Education: a Book-Discussion About the Challenges, Potentials and Assumptions [66193]

Leping Liu, Rod Case, University of Nevada, Reno, USA; Joseph Mintz, University College of London, UK, United Kingdom

TLET I Don't Need Artificial Intelligence in My Classroom; I Have Real Intelligence. Principal Candidate Perspectives on AI in the Classroom-a Research Proposal [66260]

Alicia Shaw, Arkansas State University, USA

GAI Integrating AI into College Programs [66611]

Joyce Malyn-Smith, EDC (Education Development Center, Kirsten Peterson, EDC (Education Development Center), USA

GAI Artificial Intelligence Implications in E Learning for Conceptual Designs. [65888]

Usman Arif, Virtual University Pakistan, Pakistan

ASSESS Impact of it Funding Models on Infrastructure and Cybersecurity: a Mixed Methods Analysis of Technical Debt in Higher Education [65544]

Gregory M> Hess, Michigan State University, USA

Hopper / Brief Papers

DE Designing an Agentic LLM-Driven Learning Management System: a New Architecture for Personalized and Verified Digital Learning [66070]

Hasan Cakir, Gazi University, Serdar Arslan, Cankaya University, Erdogan Bikmaz, Mehmet Kaleli, Smart ICT, Beytullah Yildiz, Atilim University, Turkey

GS Integrating Fiction Writing and Block-Based Coding in an Elementary VR Game Design Project: an Instructional Design Approach [66106]

Rabita Shahida Islam, Rubaiyat Asif Iqbal, University of North Texas, USA

TPACK Beyond Self-Report: Using Lesson Artifacts to Evaluate TPACK Development in Iterative TPD [66506]

Sarah Fitri, University of Cambridge, United Kingdom

O'Keefe / Brief Papers

INTL An Investigation of the Construct Validity of the IBSTPI 2021 Instructor Standards: Development and Validation of a Self-Report Measurement [66268]

Yasin Yalcin, Recep Tayyip Erdogan University, Turkey; Albert Ritzhaupt, University of Florida, USA

SE Hey Diddle, Diddle. the Whole World's a Riddle: Reimagining Classroom Board Games As Immersive Learning Experiences [65696]

Timothy Hinchman, Georgia Southern University, USA

TLET Beyond Bounded Classrooms: Toward a Framework for Studying Internet Infrastructure in Secondary Schooling [66163]

Margaret Donnelly, UNC Chapel Hill, USA

Warhol 8th Floor / Best Practices (F2F)s

SICET Arts Integration, Literacy, and Culturally Responsive Teaching: Bridging Creative Expression and Academic Empowerment for Middle School Learners [66151]

Lydia Flores, St. Johns University, Loretta Drakos, Patience Brown, St. John's University, USA

SICET Immersive Learning Through Virtual Reality and Interdisciplinary Design in Teacher Education [66266]

Xiaojun Chen, St. John's University, USA

SICET A Successful Partnership Between Local School Teachers and College Instructors to Prepare Future Teachers [66276]

Li-Ting Chen, Leping Liu, University of Nevada Reno, USA

Benton 8th Floor / Brief Papers

TLET Preservice Teachers Perspectives on the Use of Virtual Reality in Classroom [65885]

James Oigara, The State University of New York (SUNY Geneseo), USA

WE Using Escape Rooms to Engage Community College Digital Production Students [65549]

Becky Sue Parton, McLennan Community College, USA

TPACK Supporting Community Educators' Integration of Geospatial Technologies in Informal Learning Contexts [66616]

Nicholas Lux, Jeannie Chipps, Montana State University, Beth Nelson, Montana State University Billings, Suzi Taylor, Montana State University, USA

Cassatt 8th Floor / Brief Papers

TLET Seeing the Future: Preservice Teachers' Perceptions of ARVR for Social Learning [66437]

Qing Li, Michael Colin Levi, Ruddhi Wadadekar, Emily Bailey, Towson University, USA

TLET Teaching and Learning With Generative AI: Trends and Insights From Language Teacher Education Research [66745]

Kadir Karakaya, Iowa State University, USA; Muhammet Furkan Alpat, Ibn Haldun University, Hasan Ucar, Anadolu University, Turkey; Ozlem Karakaya, Iowa State University, USA; Aras Bozkurt, Anadolu University, Turkey

Pollack 8th Floor / Brief Papers

GAI SkillTree: an AI-Based Knowledge Graph System for Evaluating Students' Skills in Computer Science to Enable High-Quality Formative Feedback [66625]

Jeremy Riel, University of Illinois Chicago, Ying Chen, Illinois Workforce and Education Research Collaborative, University of Illinois System, USA

GAI Reimagining Doctoral Defense Preparation Through AI Role Play [66635]

Christine Valadez, Paula Cristina Azevedo, Marymount University, USA

GAI AI-Enhanced Design-Based Research for Rural Heritage: IDT Master's Students As Designers of Multimodal Digital Storytelling Platform [66734]

Susan Elwood, Texas A&M University Corpus Christi, USA

Calder 8th Floor / Full Papers

TIP Principals' Technology Visions As a Blueprint for Technology-Infused Teacher Preparation [66615]

Jana Willis, University of Houston- Clear Lake, Sheila Baker, Michelle Giles, University of Houston-Clear Lake, USA

TIP Teacher Education Leadership Perspectives on Four Pillars of Effective Program Design for Infusing Technology [66099]

Jon Clausen, Ball State University, Arlene Borthwick, National Louis University, David Rutledge, New Mexico State University, Mia Kim Williams, University of Wyoming, Shannon Driskell, University of Dayton, Yi Jin, Iowa State University, Debra Sprague, George Mason University, USA

Club Lounge 8th Floor / Full Papers

TLET A Systematic Literature Review on the Use of Artificial Intelligence in Teachers' Lesson Planning [66203]

Jose Aires Castro Filho, João André França Mourão, Maria de Fátima Costa de Souza, Maria Clara Freire Teles, Federal University of Ceara, Ana Letícia Lourinho, Universidade Federal do Ceará, Brazil

Club Lounge 8th Floor / Lunch Break: 12:30-1:45 PM

12:45-1:45 PM

Whistler A

Computer Science Education SIG Meeting

Whistler B

Learner Variability (TEC) SIG

Homer

Social Media (TEC) SIG Meeting

Hopper

Social Studies Education (TEC) SIG Meeting

Wyeth B

Teaching and Learning with Emerging Technologies (TEC) SIG Meeting

Wyeth A

Technological, Pedagogical & Content Knowledge (TPACK) (TE) SIG Meeting

O'Keefe

Technology Infusion SIG Meeting

Warhol 8th Floor

Technology Leadership (ITC) SIG Meeting

Wyeth C

Technology Policy & Practice (ITC) SIG Meeting

Cassatt 8th Floor

Workforce & Community College Education (ITC) SIG Meeting

Calder 8th Floor

X Realities and Learning (ITC) SIG Meeting

1:45-3:45 PM

Rockwell Boardroom

66688: An AppLE a Day: How We Can Keep Students Learning When School Is Not in Session [66688]
Carla van de Sande, Arizona State University, USA

1:45-2:45 PM

Wyeth A / Panel (F2F) (1 hr)

SICET **Project Management in Instructional Design: Course Design, Principles, and Multiple-Project Management** [66213]

Leping Liu, Adebola Adesina, Cong Zou, University of Nevada, Reno, USA

Wyeth B / Full Papers

GAI **Navigating the Cognitive Paradox of Generative AI: How it Both Enhances and Undermines Thinking Skills in the Classroom** [66022]

Minhwi Seo, Thomas Brush, Indiana University - Bloomington, USA

GAI Reclaiming the Ecologies of Human Learning Technological Decoupling and Epistemological Rebalancing in the AI Era [66039]

Rebecca Blankenship, Florida Agricultural and Mechanical University, USA

Whistler A / Panel (F2F) (1 hr)

INTL EDUsummit 2025 Issues and Outcomes: Highlights for the Society for Information Technology & Teacher Education (SITE) [66547]

Gerald Knezek, Rhonda Christensen, University of North Texas, Elizabeth Langran, Marymount University, USA; Matt Bower, Macquarie University, Australia; Miroslava Cernochova, Charles University, Czech Republic; Jonathan Cohen, Georgia State University, USA; Alison Egan, Marino Institute of Education, Ireland; Takahisa Furuta, Gunma University, Japan; David Slykhuis, Valdosta State University, USA

Whistler B / Full Papers

GAI Amplifier or Substitute? a Rapid Review of Generative AI in Higher Education Active Learning Tasks and Self-Regulated Learning [66510]

Michael Pin-Chuan Lin, Faculty of Education, Mount Saint Vincent University, Eric Poitras, Faculty of Computer Science, Dalhousie University, Gerald Tembrevilla, G. Michael Bowen, Faculty of Education, Mount Saint Vincent University, Nikki Lobczowski, Department of Educational and Counselling Psychology, McGill University, Daniel Chang, Jing-Yuan Huang, Faculty of Education, Simon Fraser University, Canada; Yu-Feng Lan, Department of Information Management, National Formosa University, Taiwan; Jeeho Ryoo, Olsen College of Engineering and Science, Fairleigh Dickinson University, Canada

AWARD PAPER

GAI Innovation or Illusion? Technology Integration in 450 AI-Generated Lesson Plans [65880]

Chenyang Xu, Torrey Trust, Robert Maloy, University of Massachusetts Amherst, USA

Homer / Full Papers

XR Emotional Design for Designing Virtual Learning Environment for Reducing Fear of Water [66185]

Lionel Roche, Ariane Bouchard, Alain-Steve Comtois, Universite du Quebec à Montreal, Canada, Canada; Cathy Rolland, Université Clermont Auvergne, Régis Fayaubost, Collège Picasso, France

XR Enhancing Cybersecurity Education With Virtual Reality: an Expanded Systematic Review [66153]

Damilare Adigun, Opeyemi Ojajuni, Brian Warren, Deidre Street, Albertha Lawson, Southern University and A&M, USA

Wyeth C / Roundtable (F2F) (1 hr)

GAI Using AI for Praxis Preparation: Let's Chatbot! [65910]

Andrea Paganelli, Jeremy Logsdon, Daniel Super, Western Kentucky University, USA

TIP Traveling Through the TIM Matrix [66021]

Tiffany Clemins, Becky Osterfeld, Marshall University, USA

GAI From Destination to Journey: Reframing Assessment in the Age of Generative AI [66644]

Sandy Guzman Foster, Randy Ziegenfuss, Moravian University, USA

SE **What Counts As Data? Rethinking Formative Assessment Evidence in Interaction-Rich Early Science Classrooms** [66519]

Nonye Alozie, Hui Yang, Arif Rachmatullah, Marta Mielicki, SRI, USA

TPP **Leading What's Next: Preparing School Administrators for an AI-Informed Era** [65960]

Jean Hess, Marian University, USA

Hopper / Best Practices (F2F)s

CREATE **Student Media Labs That Build Real Digital Literacy: a Practical Model for School Based Broadcasting** [66111]

Robert Dumas, Broken Arrow Public Schools, USA

CSE **Data Science for All: Where is Data Science in Academic Standards** [66654]

Lin Chu, Anne Leftwich, Indiana University Bloomington, USA

CSE **Institutional Enactment of CS Teacher Preparation Policy: a Comparative Case Study** [66687]

Huizi Zeng, Yin-Chan (Janet) Liao, Georgia State University, Jennifer Rosato, University of Minnesota, Michelle Friend, University of Nebraska Omaha, USA

O'Keefe / Brief Papers

GAI **Artificial Intelligence As a Member of an Online Learning Group: a Design Framework for Cooperative Learning in Asynchronous Coursework** [66598]

Greg Sherman, Radford University, USA

CT **Examining Elementary Teacher Interaction Patterns in Two Asynchronous Online Computational Thinking Professional Development Courses** [66339]

Hui Yang, Arif Rachmatullah, SRI, USA

CT **From Preparation to Practice: Preservice Teachers Teaching Computational Thinking in a Field Experience** [66612]

Zarina Wafula, Iowa State University, Lin Chu, Indiana University, Kristina Tank, Iowa State University, USA

Warhol 8th Floor / Full Papers

ID **The Impact of Generative AI on the Professional Identity of Instructional Designers in Higher Education** [66549]

Minkyung Kim, University of Tampa, Chikezie Ozuzu, Touro University, Nour El Houda Maache, Ohio university, Hyojung Kim, Indiana University, Dan V. Dao, the University of Iowa, USA

ID **Microlearning in Higher Education to Support Distressed College Students** [66517]

Asia Brown, Madeline Klessel, Minkyung Kim, University of Tampa, USA

Benton 8th Floor / Full Papers

TLET **Building a Flexible Digital Backbone for Medical Education: Multisystem Integration to Overcome LMS Limitations** [66114]

Colin Davis, David del Pino, Stephanie Castro, University of Houston Fertitta Family College of Medicine, USA

TLET Exploring Preservice Teachers' Perceptions, Proficiency, and Application of AI Technologies: Insights From a Transdisciplinary Learning Initiative [66122]
Elsie Olan, Earlisha Whitfield, University of Central Florida, USA

Cassatt 8th Floor / Brief Papers

ECE Generative AI-Supported "School Readiness Assistant": Envisioning a Tool to Empower Teacher [65996]
Tulin Guler Yildiz, New York University, R. Canan Tugberk, NYU Developmental Psychology, Selcuk Sirin, NYU Applied Psychology, USA

SICET Examining Learner Agency in an AI-Integrated Instructional Design Project [66684]
Hengtao Tang, Yingxiao Qian, University of South Carolina, USA

Pollack 8th Floor / Full Papers

TPP The Global Prompt for Education: How OECD, World Bank, and WEF Define Teacher Roles in AI Agendas [65981]
Seemun Jeon, Bruna Damiana Heinsfeld, University of Minnesota, Twin-Cities, USA

TIP Intentional Lesson Study Using a Reflection Model for Preservice Teacher Preparation: Observation, Reflection, Creation, Application (ORCA) [65709]
Crystal Loose, Rose Jagielo-Manion, West Chester University, USA

Calder 8th Floor / Brief Papers

GAI Secondary Teachers' Readiness, Adoption, and Perceptions of Generative AI: a Mixed Methods Study [66559]
Laura Hutelmyer, Gwynedd Mercy University, USA

GAI The Psychological Other: Student Relationships With GenAI, an Exploratory Study [66581]
Nicole Oster, Rebekah Jongewaard, Lindsey McCaleb, Emmanuel Adeloju, Punya Mishra, Arizona State University, USA

GAI Assuring Authenticity of Initial Teacher Education Students in an AI World [66583]
Sue Gregory, University of New England, Australia, Australia

Club Lounge 8th Floor / **Teacher Education Council Meeting**

2nd Floor Wyeth Foyer / Afternoon Pick-Me-Up: 2:45-3:00 PM

3:00-4:00 PM

Wyeth A / Panel (F2F) (1 hr)

K12 Bridging the Gap Between Research and Practice: a K-12 Digital Learning Research Agenda [66208]
Michael Barbour, Touro University California, M. Elizabeth Azukas, Georgia Tech Research Institute, Mary Rice, University of New Mexico, Tani Sapp, Idaho State University, Jered Borup, George Mason University, Kristen Debruler, Michigan Virtual, Dennis Beck, University of Arkansas, Charles Hodges, Georgia Southern University, Raymond Rose, Texas Digital Learning Association, Cecil Short, Emporia State University, Jason Siko, Clarkston Community Schools, Dave Adelstein, VML, Leanna

Archambault, Arizona State University, Kelly Cuccolo, Michigan Virtual, Mark Deschaine, University of Mississippi, Doug Elmendorf, Towson University, Amy Garrett Dickers, University of North Carolina Wilmington, Charles Graham, Brigham Young University, Samaa Haniya, Pepperdine University, USA; Leonel Morgado, Universidad Aberta, Portugal; Keryn Pratt, University of Otago – Otakou Whakaihu Waka, Samantha Viano, George Mason University, E. Vaughn Wilson, University of the Cumberland, Lauren Woo, Arizona State University, USA

Wyeth B / Brief Papers

TLET **When the Game Gives Feedback: Using GenAI to Support Concept Application** [65988]
Alora Freeman, Matthew Dauria, Stephen Blessing, Lorraine Jacques, University of Tampa, USA

TLET **Boosters and Skeptics: the Role of AI in the Lives of Instructional Designers** [65990]
Sebastian Martinez Sanchez, Giuliana Cucinelli, Saul Carliner, Concordia University, Canada

TLET **Designing a Foundational AI Workshop for K-12 Educators: Early Insights From a TPACK Aligned and Human-Centered Professional Learning Model** [66211]
Justin Cannady, Northern Lights Collaborative for Computing Education, Shreepriya Dogra, University of Minnesota, USA

Whistler A / Brief Papers

CREATE **Accelerating Iterative Cycles in Formative Research: a Model Proposition for Time-Efficient Instructional Design in K-16 Contexts** [66063]
Hasan Cakir, Sukran Koc, Gazi University, Meryem Aysegul Kozak Cakir, Bursa Uludag University, Turkey

GAI **Smarter, Not Faster: How Instructional Designers Stop Being Typists and Start Being Architects With AI** [65956]
Joshua Tabor, Texas Woman's University, USA

ID **Equipping Educators for Accessibility: Faculty Knowledge, Challenges, and Support in Meeting WCAG 2.1 Standards at Private Universities** [66731]
Giulia Fiorentini, Polleana Mary Munoz, Minkyong Kim, University of Tampa, USA

Whistler B / Full Papers

AWARD PAPER

GAI **Beyond Cognitive Offloading: Internalizing Critical Thinking Through Strategically Sequenced Custom GPTs in Teacher Education** [66568]
Charoula Angeli, Vasia Anastasiou, Panayiota Diakou, University of Cyprus, Cyprus

GAI **Cognitive Dissonance and Transformative Learning Using AI-Mediated Pedagogies a Chronosystemic Perspective on Trend and Transformation** [65746]
Rebecca Blankenship, Florida Agricultural and Mechanical University, USA

Homer / Full Papers

ECE **Mapping the Global State of AI Curricula in Early Childhood Education: a Scoping Study** [65759]
Qiuju Tian, Jennifer Chen, Kean University, Xin Li, University of Houston, USA

ID One Bot, One Course, and Community of Practice: Best Practice of Using a Custom Virtual CourseBot [66269]

Keirah Comstock, Joe Ogg, Ravi Mantena, Dan Keating, Liza Mohr, Tim Hungerford, Roberto Colangelo, University of Rochester, USA

Wyeth C / Roundtable (F2F) (1 hr)

GAI Critical Thinking As a Non-Negotiable: an Exploratory Pilot Study on Preservice Teachers' Prompt Engineering [65994]

Leigh Hibbard, University of Delaware, USA

TLET Access, Education, and Connectivity: Closing the Fourth Industrial Revolution Gap in Rural Regions [65681]

Courtney Davis, Joanie Krupa, Nightingale College, USA

TPACK Zooming into Pedagogy: Constructivist Practices in a Remote Synchronous Graduate Program [65917]

Jill Davis, Katie Fields, Dan Vincent, Darlinda Cassel, University of Central Oklahoma, USA

TPACK TPACK in Practice: Operationalizing Exploration [66712]

Deanna Kay Rice, Jason Trumble, University of Central Arkansas, Sam Choo, University of Minnesota, Andrea Harkins-Brown, John Hopkins University, USA

TLET No-Code AI Engineering: Building Real Applications With Copilot, Cursor, and AI Agents [66466]

Manikandan Chandran, Matson Navigation, USA

Hopper / Best Practices (F2F)s

SOC A Decade Online: Insights From Ten Years of Social Studies Methods Instruction [65948]

Jessamay Pesek, Bemidji State University, USA

SOC Cultivating Inquiry-Based Learning Through Digitized Primary Sources in Social Studies Teacher Education [66162]

Nandita Gurjar, Rhode Island College, USA

TIP Bridging Courses, Connecting Practices: Linking Learning Technologies, ESL Methods, and Apprenticeship Through Collaborative Teaching [66587]

Mesut Duran, Kyongson Park, Geraldine Pappas, University of Michigan-Dearborn, USA

O'Keefe / Brief Papers

CSE Examining the Development of Computational Thinking Interest in Asynchronous Online Courses [66052]

Mete Akcaoglu, Ceren Ocak, Georgia Southern University, USA

CSE Teaching Artificial Intelligence to Prospective Elementary Teachers Through Educational Robotics [66087]

Tugba Boz, Anthony Perry, University of North Dakota, USA

CSE Building Sustainable Computer Science Programs in Middle Schools: District-Level Strategies and Student Perspectives From the PACE Initiative [65949]

Anne Wang, Neil Schiavo, Joyce Malyn-Smith, EDC, USA

Warhol 8th Floor / Brief Papers

SPAT **Agency Ascribed to Students With Autism in Technology-Based Intervention Research** [66001]

Wilhelm Boomer, University of Minnesota - Twin Cities, USA

SPAT **Preservice Teachers' Learning Experiences Utilizing Animated and Written Case Studies in Trauma Informed Education** [66044]

Michelle Fisher, West Chester University, USA

GE **Preparing K–12 Teachers for AI Integration Through Challenge-Based Learning: a Multi-Session PD Case Study** [66610]

Farhana Begum, Zamalia Bennett, Jamal Williamson, Dapiriye Briggs, Kofi Nyarko, Craig Scott, Morgan State University, USA

Benton 8th Floor / Full Papers

CT **What Do We Really Know About Elementary Computational Thinking? a Scoping Review of Methods and Samples** [66377]

Guy Trainin, University of Nebraska-Lincoln, Azadeh Hassani, UNL, USA

TLET **Exploring the Generative AI Acceptance Scale of Preservice Teachers** [66171]

Rhonda Christensen, University of North Texas, USA

Cassatt 8th Floor / Full Papers

TLET **How Teacher Educators Shape Preservice Teacher Learning From Generative Artificial Intelligence Teaching Simulations** [66719]

Heather Jorgenson, George Washington University, Jamie Mikeska, ETS Research Institute, Pamela Lottero-Perdue, Towson University, Meghan Marrero, Mercy University, USA

TLET **Reducing Transactional Distance: Using CMC Tools to Support Meaningful Dialogue.** [66668]

Chelsey Smith, Athabasca University / D2L, Nathaniel Ostashewski, Athabasca University, Canada

Pollack 8th Floor / Brief Papers

GAI **Beyond Access: Scaffolding AI Integration Through Professional Learning** [66740]

Karen Kirsch Page, Center for Technology and School Change (Teachers College, Columbia University), USA

C3 **The Effect of Feedback and Assessment Design on Student Motivation in Online Learning** [66521]

Karrie Cole, Central Michigan University, USA

C3 **Teaching With GenAI: Teachers' Evolving Role As They Integrate GenAI With Content Areas** [66718]

Suparna Chatterjee, Melissa Warr, New Mexico State University, Nicole Oster, Arizona State University, Mary Edwina Yalnaty, New Mexico State University, USA

Calder 8th Floor / Full Papers

GE **Balancing Demands and Supports: Understanding Women Faculty Well-Being Across Synchronous, Asynchronous, and Hybrid Modalities** [66015]

Crystal Machado Crystal, Emmanuella Musiime, Indiana University of Pennsylvania, USA

ID **Spaces of Change: Flexible Learning Spaces As Catalysts for Advanced Technology Integration, Collaborative Teaching and Learning, and Teacher Professional Development** [65813]

Orit Avdiel, Ina Blau, The Open University Of Israel, Israel

Club Lounge 8th Floor / **Information Technology Council Meeting**

O'Keefe / **New SIG Chair Orientation**

4:15-5:30 PM

Club Lounge 8th Floor / **SITE Leadership Meeting**

4:15-5:15 PM

Wyeth A / Panel (F2F) (1 hr)

SICET **AI-Enhanced Human-Centered Learning: Interdisciplinary Perspectives From Teacher Educator and STEM Educators** [66265]

Xiaojun Chen, St. John's University, Wei Yin, New Jersey Insitute of Technology, Ming Ma, Yeshiva University, USA

Wyeth B / Symposium (F2F) (1 hr)

ID **Part 1: AI for, With, and by Instructional Design: Case-Based Perspectives on Instructional Design Research and Practice** [66518]

Nari Kim, University of Wisconsin-Oshkosh, Minkyong Kim, University of Tampa, Angela Rand, University of South Alabama, Keirah Comstock, University of Rochester, USA

Whistler A / Full Papers

CSE **How Do Preservice Teachers Intend to Integrate Computer Science Algorithms and Programming Standards into Their K-8 Subject Areas?** [65537]

Alex Fegely, Coastal Carolina University, USA

CSE **Knowing Your Limits and Limitations: Understanding and Integrating Humility in Software Testing Education** [65980]

Pankaj Kamthan, Concordia University, Nazlie Shahmir, Canadian Pacific Kansas City Limited, Canada

Whistler B / Full Papers

CREATE **In Support of New Teachers: a Collaborative Approach** [65754]

Pamela Jukes, Erin Margarella, Western Kentucky University, Rebecca Stobaugh, Meteor Education, Xiaoxia Huang, Syracuse University, USA

CREATE **Exploring Student Learning and Creativity Through Digital Fashion: Historical Master Study Garments** [65950]

Michael Burton, Fatemeh Ashrafabadi, Tina Shetabi, University of Nebraska-Lincoln, USA

Homer / Full Papers

C3 **Efficiency by Design: Ideologies of Optimization in Educational Technology** [65983]
Bruna Damiana Heinsfeld, University of Minnesota, Twin-Cities, USA

C3 **Beyond Algorithms: Deconstructing Power, Justice, and Learning in the Age of AI** [66210]
Zahra Rahimi, University of Texas at Arlington, USA

Wyeth C / Roundtable (F2F) (1 hr)

GAI **Human-Centered AI Pedagogy: Strategies for Teaching and Assessing Critical Thinking in Teacher Education** [66101]

Wei-Ying Hsiao, University of Alaska Anchorage, USA; Ya-Ting Carolyn Yang, Institute of Education, National Cheng Kung University, Taiwan; Chia Jung (Ruby) Yeh, East Carolina University, USA; Jeen-Shing Wang, National Cheng Kung University, Taiwan

ID **Capturing Learners' Lived Experiences for Audience Analysis: Making Design Decisions Using Student Data** [66554]

Vanessa Johnson, Dilnoza Kadirova, Hyojung Kim, Grant Chartrand, Elizabeth Boling, Indiana University Bloomington, USA

ID **Beyond Formal Discipline: Reconstruction of Children's Programming Education and Implications for Teachers Based on Dewey's Philosophy of Experience** [66471]

Huiye Zhang, East China Normal University, China

TLET **Preparing Preservice Teachers for the Future Workforce** [65878]

Blessed Mhungu, University at Buffalo, USA

MAKE **Investigating and Innovating: 3D Printing for Campus Sustainability** [66579]

Chelsea McClure, Notre Dame of Maryland University, USA

Hopper / Full Papers

TLET **DEMAP 2.0: an Adaptive and Interdisciplinary Model for Literary and Cultural Instruction in an AI-Driven Era** [66759]

Jhosep Delgado, The University of North Carolina at Chapel Hill, USA

ID **Empowering Educators Through Human-Centered AI Guide Project: a Mixed-Methods Case Study** [66639]

Jiyeon Jung, Daesang Kim, Taralynn Hartsell, Valdosta State University, USA

O'Keefe / Brief Papers

TPACK **Beyond the Prompt: How Preservice Teachers Use Generative AI for Instructional Planning and Assessment** [65911]

Lotta Larson, Dawn Morgan, Kansas State University, USA

GE **Generative AI and Assessment: Student Learning in the AI Age** [66450]

Ray Francis, Central Michigan University, USA

GAI Comparing the Perspectives of Preservice Teachers, Preservice Teachers, and School Administrators on the Use of GenAI in Education [65856]
Liyan Song, Julie Forbes, Douglas Elmendorf, Colin Levi, Towson University, USA

Warhol 8th Floor / Brief Papers

TLET Integrating Augmented Reality With Merge Cubes in Preservice Teacher Education Through Project-Based Learning [66170]
Kirtika Panwar, Oklahoma State University, Sarah McDowell, Maryville College, USA

CREATE A Collaborative Autoethnography of Designing STEM Curriculum Through Design-Based Research [66160]
Kirtika Panwar, Oklahoma State University, Sarah McDowell, Maryville College, Kathryn G. Gardner-Vandy, Stephanie J. Hathcock, Juliana Utley, Kena Hawkins, Angela Just, Oklahoma State University, USA

CREATE Education by Design: Navigating Wicked Problems With Generative AI and Collaborative Learning [66597]
Emmanuel Adeloju, Lindsey McCaleb, Nicole Oster, Rebekah Jongewaard, Punya Mishra, Arizona State University, USA

Benton 8th Floor / Full Papers

GAI Designing Generative AI-Supported Scaffolds for Graduate Research Learning: Effects of LLM-Based Concept Mapping and Semantic Analysis on Research Literacy and Metacognitive Regulation [66591]
I-Hua Chang, Department of Education, National Chengchi University, Taiwan

GAI Using AI Literacy to Guide Formative Assessment in Teacher Education [66630]
Cindy Gerstl-Pepin, University of Massachusetts - Amherst, Maureen Neumann, University of Vermont, USA

Cassatt 8th Floor / Full Papers

GAI AI-Powered Video Accessibility With Retrieval-Augmented Generation [66608]
Naifa Alqahtani, Siraj Alqunaynah, Ahmad Shakil, Iowa State University, USA

GAI Learning Structures in AI-Integrated Visual Art Forms: Creative Engagement Patterns [66641]
Masoud Askarnia, College of Education, Texas Tech University, Maryam Ramezani, College of Visual & Performing Arts, Texas Tech University, Afsaneh Abbaszadeh, College of Education, Texas Tech University, USA; Deniz Unal, College of Education, Texas Tech University, United Kingdom

Pollack 8th Floor / Full Papers

ID Emotional Intelligence and Instructional Design:: a Case Study Using R2D2/C3PO Model [66436]
Ann Armstrong, National University, Alexis Davis, Alexis Davis Press, USA

ID Learning Trajectories in an Undergraduate Research Program [66603]
Yuna Dai, Drexel University, Moe Woodard, Wilkes University, USA

Calder 8th Floor / Full Papers

ID **Instructional Design Practice in the Age of Generative AI: an Activity Theory Perspective** [66572]

Nour El Houda Maache, Ohio University, Dan V. Dao, The University of Iowa, Chikezie Ozuzu, Touro University, Minkyong Kim, University of Tampa, Hyojung Kim, Indiana University, USA

ID **Exploring Pedagogical Innovations Through the Implementation of a Cloud-Based Real-Time Interactive System in Flipped Design Teaching: a Case Study in Higher Education in Taiwan** [66620]

Cheng-Mei Hsu, Department of Visual Communication Design, China University of Technology, I-Hua Chang, Department of Education, National Chengchi University, Taiwan

5:30-6:30 PM

Wyeth B / Symposium (F2F) (1 hr)

ID **Part 2: AI for, With, and by Instructional Design: Case-Based Perspectives on Instructional Design Research and Practice** [66790]

Nari Kim, University of Wisconsin-Oshkosh, Minkyong Kim, University of Tampa, Angela Rand, University of South Alabama, Keirah Comstock, University of Rochester, USA

Whistler A / Brief Papers

CSE **Design, Implementation, and Evaluation of an Accessible Unplugged CT Curriculum for Students With ASD** [66110]

Abdu Arslanyilmaz, YSU, Carrie Jackson, Youngstown State University, Katie Petridis, Potential Development, Michael Latessa, Rich Center for Autism, USA

CREATE **Teaching With Creativity in K-12 Mathematics: a Scoping Review of Teacher-Centered Indicators** [66596]

Zulal Melek, Denise Schmidt-Crawford, Iowa State University, USA

CSE **Co-Designing Collaborative PD to Advance Meaningful CS Engagement for Students With Disabilities** [66582]

Lindsey McCaleb, Arizona State University, Jessica Williams, University of Florida, Francheska Figueroa, Arizona State University, Maya Israel, University of Florida, Janice Mak, Arizona State University, Jeremy Babendure, SciTech Institute, Joanne Barrett, University of Florida, Jessica Hall, CAST, USA

Whistler B / Brief Papers

EE **A 15-Year Systematic Review of Learning and Psychological Outcomes of Digital Game-Based Language Learning Research** [66495]

Belle Li, Purdue University, Tian Luo, Old Dominion University, Mohan Yang, Texas A&M University, USA; Akbar Bahari, Urmia University, Iran (Islamic Republic Of); Wing Sha Chan, Old Dominion University, USA

ID **Instructional Designers' Reflections on Generative AI Use for Scenario-Based and Performance-Centered Learning: a Collective Autoethnography** [66575]

Nour El Houda Maache, Ohio University, Dan V. Dao, The University of Iowa, Jiyeon Jung, Valdosta State University, USA; Jayanth Nadheri, Tata Institute of Social Sciences, India; Nari Kim,

University of Wisconsin–Oshkosh, Chikezie Ozuzu, Touro University, Xinyue Ren, Old Dominion University, USA

ID **A Design Case of a Preservice Teacher Education Course With OP and OER** [66721]
Ozlem Karakaya, Iowa State University, USA

Homer / Brief Papers

TPACK **Reexamining TPACK: a Large-Scale Revalidation Study of Preservice Teachers' Technology Integration Knowledge** [66730]
Kadir Karakaya, Denise Schmidt-Crawford, Mack Shelley, Iowa State University, USA

NPI **Co-Designing a Digital Teacher Recruitment Toolkit: a Participatory Approach to Rural Teacher Recruitment** [66655]
Nicholas Lux, Jayne Downey, Montana State University, USA

Wyeth C / Roundtable (F2F) (1 hr)

EQ **DEI Under Pressure, AI on the Rise: Preparing Teacher Candidates in Politically Constrained Contexts** [66771]
Clement Lambert, Gretchen McAllister, Northern Arizona University, USA

EVAL **Trends in Preservice Teacher Profiles Across Three Nations: a Large Language Model Analysis of Survey Responses** [66480]
Takahisa Furuta, Gunma University, Japan; Ottavia Trevisan, University of Padova, Italy; Gerald Knezek, University of North Texas, USA

TPACK **Exploring the Use of Generative AI Simulations Dialog Analysis to Support Elementary Science Teacher Learning** [66717]
Kashish Behl, ETS, India; Tricia Maxwell, Jamie Mikeska, Shreyashi Halder, ETS, USA; Indira VMD, ETS, India

INTL **Reflections on Information Technology Teacher Preparation Practices Across Four Nations** [66562]
Gerald Knezek, University of North Texas, USA; Takahisa Furuta, Gunma University, Japan; Miroslava Cernochova, Charles University Faculty of Education, Czech Republic; Ottavia Trevisan, University of Padova, Italy

SICET **A Multi-Agent AI Data-to-Action Workflow for Supporting School Connectedness Improvement** [66760]
Zilu Jiang, Meghana Karnam, Robert Balfanz, Johns Hopkins University, USA

Hopper / Brief Papers

SICET **Examining the Impact of Teacher Presence on High School Students' Engagement With Online Writing** [66670]
Adrienne Harvie, Hengtao Tang, University of South Carolina, USA

SICET **Developing Empathetic Engineers Through Design Thinking** [66761]
Hengtao Tang, Yingxiao Qian, University of South Carolina, USA

GAI **AI Thought Partnering in Teacher Education: Promising Practices in Collaboration and Creativity** [66755]

Susan Elwood, Nancy Puga, Texas A&M University Corpus Christi, USA

O'Keefe / Brief Papers

TPACK Empowering EFL/ESL Educators Through Technology: a Literature Review on Professional Development for Integrating Technology in Primary Classrooms [66523]

Mariam Alothman, Natalie Milman, George Washington University, USA

K12 K-12 Teachers As Online Course Designers [66728]

Ozlem Karakaya, Iowa State University, USA

ME Artificial Intelligence in Professional Development: a Conceptual Literature Review on Mathematics Teachers' Professional Learning for Future Readiness [66757]

Ghan Shyam Joshi, Purdue University, USA

Warhol 8th Floor / Full Papers

EVAL Evaluating Programming Activities Using the Teacher Beliefs About Coding and Computational Thinking [66443]

Christopher Gordon, Lenoir-Rhyne University, David Pugalee, University of North Carolina Charlotte, USA

EVAL Academic Migration and Digital Resilience: Reframing Teacher Preparation for Restrictive Digital Ecologies [66492]

Nancy Everhart, Florida State University, School of Information, USA

Benton 8th Floor / Best Practices (F2F)s

STEM Best Practices for Designing Learning Experiences That Foster Science Curiosity and Creativity [66704]

Jennifer L. Weible, Annette Ternullo, Allison Schofield, Central Michigan University, USA

XR Integrating XR to Boost Secondary Preservice Teacher Motivation and Engagement in Designing Innovative Lessons for Their Content Areas [66494]

Carlos De Moraes Junior, Yi Jin, Iowa State University, USA

EQ Hacking Through Luddite Practice: Multinational Techno Optimism Seduction Foiled by Local Activisms [66724]

Sue Kasun, Georgia State University, USA; Omar Lázaro García,, Concejo Nacional Indígena, Mexico; Aurora Gomez, Tu Nube Seca Mi Rio, Spain; Erin Anderson, Georgia State University, USA

Cassatt 8th Floor / Full Papers

XR Building Quantum Intuition Through Embodied Gameplay in Virtual Reality: Circuit Breaker: Neon Entanglement [66708]

Shawn Carey, Jaden Jack, Alexander Martin, Colin Uter, Taylor Hall, Monique Woodard, Del Lucent, Joseph Gubbiotti, Wilkes University, USA

EQ A Multimodal Framework for AI Literacy in Under-Resourced K-12 Schools [66632]

Zamalia Bennett, Farhana Begum, Jamal Williamson, Dapiriye Briggs, Kofi Nyarko, Craig Scott, Morgan State University, Shana Gregory, University of Maryland, USA

Pollack 8th Floor / Brief Papers

ASSESS Integrating Comparative Judgment into Authentic Assessment in Mathematics Education [66451]

Thuy Dieu Le, University of Pennsylvania, USA; Ha Mai Trang Pham, Hanoi National University of Education, Vietnam

ASSESS AI-Made Test Construction in Mathematics: a Comparison With Teacher-Made Tests on Grade 10 Statistics [66557]

Thuy Dieu Le, University of Pennsylvania, USA; Thi Nguyet Ha Le, Nhat Huy Nguyen, Hanoi National University of Education, Vietnam

DE Ensuring Digital Accessibility in K-12 Online Learning Environments [66766]

Ozlem Karakaya, Denise Schmidt-Crawford, Iowa State University, USA

Calder 8th Floor / Full Papers

ASSESS The Cure for Education: Teaching Students to Self-Assess and Remediate Their Knowledge Gaps [65912]

John Leddo, Prathima Prakash, Yufei Chen, Ava Clark, Emma Clark, Ram Challagulla, Lakshmi Challagulla, Anya Nehra, MyEdMaster, LLC, USA; Sanandh Shravan Sathiyamoorthy, MyEdMaster, LLC, United Kingdom; Janat Bajwa, Aashrith Gajula, Ginikachi Ifenatuora, MyEdMaster, LLC, USA

6:30-7:30 PM

2nd Floor Wyeth Foyer

University Night Happy Hour

7:00-9:00 PM

Philadelphia Film Society Center

Theatre Screening: THE AI DOC: OR HOW I BECAME AN APOCALOPTIMIST

Friday, March 27

8:30 AM-12:30 PM

2nd Floor Wyeth Foyer

Registration

2nd Floor Wyeth Foyer / Kickoff Coffee: 8:30-9:00 AM

9:00-10:00 AM

10:00 AM-12:45 PM

Calder 8th Floor

66642: Celebrating Certification Success Stories: Building Motivation, Momentum, and Community Buy-In [66642]

Crystal Rock, HHMS - Tangipahoa School System, USA

10:15-11:15 AM

Wyeth A / Panel (F2F) (1 hr)

GAI **Preparing Educators for AI-Infused Classrooms** [66236]

Becky Osterfeld, Beavercreek City Schools, Tiffany Clemins, Morgan County Schools, Melissa Blythe-Alexander, Fort Worth ISD, Linda Rich, Boyd County Schools, Steve Geddis, Brockton Public Schools, USA

Wyeth B / Full Papers

GAI **From Perception to Performance: Understanding Undergraduate Business Students' Gen AI Use** [66141]

Hyojung Kim, Harvey Oh, Kyungbin Kwon, Indiana University, USA

GAI **What is Holding Them Back? a Case Study of Higher-Education Faculty's Use, Non-Use, and Mitigating Factors Regarding Generative Artificial Intelligence (GenAI)** [66251]

Joanne Beriswill, Daniel Hushion, Mississippi State University, USA

Whistler A / Full Papers

CSE **Understanding Gender Representation Through the Eyes of Computing Students: a Qualitative Study for CS Education** [66002]

Lorraine Jacques, Jennifer Blessing, University of Tampa, USA

TPP **Investigating Return on Investment in K-12 EdTech: Comparing High- and Low-Performing Applications** [66592]

Afsaneh Abbaszadeh, Jongpil Cheon, Kristin Mansell, Heather Greenhalgh-Spencer, Texas Tech University, USA

Whistler B / Full Papers

CREATE **Robotics-Enhanced Storytelling: Exploring Creativity in Elementary Learners** [65974]

Sai Navyasri Soanker, Cai Qijie, Pei Ge, Towson University, USA

CREATE **Designing for Self-Regulation: a Closer Look at SRL in an Asynchronous Graduate Course** [66082]

YingYing Liu, Towson, Hoda Harati, Towson University, Gretchen McAllister, Gretchen.McAllister@nau.edu, Geoffrey Kagumba Ggubi, Towson University, USA

Homer / Full Papers

GAI **Generative AI As a Learning Partner in Course Design** [66674]

Nayef Abu-Ageel, Al-Hussein Technical University, Jordan

Wyeth C / Roundtable (F2F) (1 hr)

TLET **Humans in the Loop: Cultivating Ethical Praxis in Teacher Education With GenAI** [65989]
Loren Jones, Shannon Kane, Ebony Terrell Shockley, University of Maryland, USA

TLET **Building Awareness of Quantum Education for Preservice Teachers** [65879]
Mary Fries, Jane Kang, Joyce Malyn-Smith, Education Development Center, Yolanda Lozano,
Computer Science Alliance, USA

TLET **Early Identification of Dyslexia Characteristics Through Letter Formation: Developing a
Technology-Enhanced Screening Tool for Young Learners** [66657]
Arianne Pait, Jake Qualls, Sarah Lane, Quang Dang, Arkansas State University, USA

ME **Integrating Instructional Technologies into the Workshop Model in a College-Level
Mathematics Class for Preservice Teachers.** [66442]
Christian Anderson, Morgan State University, USA

Hopper / Full Papers

EE **ELATE: Digital Texts and How to Teach Them: a CITE-English Education Initiative** [66580]
Karis Jones, Baylor University, Sarah Jerasa, Clemson University, Rabani Garg, University of
Pennsylvania, Trevor Aleo, Greenwich Country Day School, Wendy Williams, Arizona State University,
Clara Abbott, University of Pennsylvania, USA

EQ **Increasing the Representation of Minority Students in Law School: Qualitative Factors
Impacting Student Success** [66702]
Tandra Tyler-Wood, Gerald Knezek, University of North Texas, USA

Warhol 8th Floor / Full Papers

SICET **Exploring Students' Self-Regulation and Information-Seeking Patterns During Complex
Problem Solving in a Digital Game Environment** [66238]
Xun Ge, Rubaiyat Iqbal, University of North Texas, USA

SICET **“Give Me”, “Teach Me,” or “Let Me”: GenAI As a Tutor in a Problem-Solving Task** [66243]
Xun Ge, University of North Texas, Victor Law, University of New Mexico, Kun Huang, University
of Kentucky, Farah Al Farah, Raed Alqahtani, Cassandra Buffington-Bates, Rubaiyat Iqbal, Yuyang Shen,
Eugene Yeoh, University of North Texas, USA

Benton 8th Floor / Full Papers

TLET **Human-Robot Interaction: is it Possible in Higher Education?** [66183]
Ali Garib, Rice University, USA

TLET **Teacher Noticing and Pedagogical Judgment: Co-Designing and Planning a Gamified
Machine Learning Curriculum for Elementary Students** [66257]
Alicia Lane, Golnaz Arastoopour Irgens, Atefeh Behboudi, Omer Zahid, Vanderbilt University,
USA

Cassatt 8th Floor / Full Papers

SICET TimeWise: Integrating Cognitive Behavioral Therapy and Self-Regulated Learning Approaches in an LLM-Based Time Management Coaching System to Support College Students in Online Learning [65844]

Zilu Jiang, Johns Hopkins University, USA; Qiujie Li, Nanyang Technological University, Singapore; Sina Rismanchian, Jinwon Kim, University of California, Irvine, Zexin Xu, University of Texas, Dallas, Di Xu, University of California, Irvine, USA

TIP Preservice Teachers' AI Use and Responsible AI Self-Efficacy: an Exploratory Study [66452]

Yao Fu, University of Wisconsin-Whitewater, Crystal Machado, Indiana University of Pennsylvania, Jiayi Wang, University of Wisconsin-Stevens Point, Ozgul Kartal, University of Wisconsin-Whitewater, USA

Pollack 8th Floor / Brief Papers

GAI Comparing School-Level Risk Profiles for Internet Gaming Disorder Using Explainable Machine Learning: SHAP Evidence From Taiwan's Nationwide Student Surveys [66498]

Shiang-Yu Wang, Department of Educational Psychology and Counseling, National Tsing Hua University, Hsinchu, Taiwan, Yu-Hsuan Lin, Institute of Population Health Sciences, National Health Research Institutes, Miaoli, Taiwan, Shan-Mei Chang, Tsing Hua Interdisciplinary Program, National Tsing Hua University, Hsinchu, Taiwan, Taiwan

SE Promoting Peer Collaboration Through a Blending of Synchronous and Asynchronous Technologies in an Engineering Focused NSF Research Experience for Teachers (RET) Project [65825]

Joseph Brobst, Melani Loney, Imole Samson, Old Dominion University, USA

Club Lounge 8th Floor / Full Papers

TLET Redefining Critical Thinking As a Human–AI Partnership: a Meta-Creativity Lens [65731]

Fatiha Bazouche, Ohio University, USA

TLET Who is Zooming Who: Graduate Students' Perceptions of Zoom Meetings in Online Graduate Programs [65743]

Alicia Shaw, Annette Hux, Arkansas State University, Audrey Bowser, Arkansas State University, USA

O'Keefe

Keynote Conversation with Jason Trumble

11:30 AM-12:30 PM

Wyeth B / Brief Papers

GAI AI for All [66003]

Dawn Morgan, Lotta Larson, Kansas State University, USA

GAI Bringing AI to Rural Classrooms: Robotics-Based Professional Development for High School Teachers [66058]

Marissa Gardner, Georgia Institute of Technology (CEISMC), David Peeler, Georgia Institute of Technology (IPaT), Norman (Storm) Robinson, Georgia Institute of Technology (CEISMC), Leigh McCook, Sean Mulvanity, Georgia Tech Research Institute (ICL), USA

GAI IlluminED: a Framework for Ethical AI Implementation in Early Childhood Education [66148]

Sharla Snider, Texas Woman's University, USA

Whistler A / Brief Papers

ID Designing an Interactive VR-Supported Problem-Based Learning for English Language Education [66166]

Youngyun Kim, Yonsei University, Korea (South)

CT Exploring Student Motivation and Engagement in GenAI-Integrated Computational Thinking Lessons: a Work-in-Progress Study [66535]

Sotheara Veng, Santiago Duque-Baird, Teomara Rutherford, Ashley Tagle, Ogochukwu Chidinso Anisiobi, University of Delaware, USA

OGE Teaching With AI, Not Against it: Supporting Ethical and Transparent Student Use in Higher Education [66439]

Shihua Brazill, Montana Technological University, USA

Whistler B / Brief Papers

XR Development of an Interactive Virtual Reality Application for Additive Manufacturing Workforce Training [66125]

Likem Dunyo, Opeyemi Ojajuni, Sri Mettu, Albertha Lawson, Deidre Street, Brian Warren, Patrick Mensah, Michael Stubblefield, Southern University and A&M College, USA

ID "The Asset Map is a Great Idea": Centering Student Strengths and Shifting Teacher Perceptions in STEM Classroom [66064]

Gulnur Ozbekbayeva, Edgar Díaz, Sarah Braden, School of Teacher Education and Leadership, Utah State University, Tyler Hansen, College of Education, Sport, and Human Sciences, Washington State University, Anda Pearson, School of Teacher Education and Leadership, Utah State University, Colby Tofel-Grehl, Teachers College COLUMBIA UNIVERSITY, USA

OGE Curious Sun Seekers: Developing Inquiry Instruction Skills in Science Methods Courses [66662]

Suparna Chatterjee, Juie Shetye, New Mexico State University, USA

Homer / Best Practices (F2F)s

CSE The National Academies of Science, Engineering, and Medicine Consensus Report: the Role of K-12 in Developing Competencies for the Future of Data and Computing [66024]

Janice Mak, Arizona State University, USA

XR Towards Equitable Access to VR in Higher Education [65536]

Alex Fegely, Michael McKenzie, George Wesley Hitt, Kayla Butts, Coastal Carolina University, USA

ID Redesign for a Standalone Technology Integration Course: a Strategic ADDIE Model Approach [66606]

Suparna Chatterjee, Tetsuya Aboshi, David Rutledge, New Mexico State University, USA

Wyeth C / Roundtable (F2F) (1 hr)

TLET Preparing Educators for AI-Enabled Classrooms: AI Literacy, Career-Forward Pedagogy, and Digital Citizenship [65945]

Jean Hess, Marian University, USA

TPACK Exploring Digital Resilience in Elementary Preservice Teachers [66289]

Thendral Nageshwaran, Mamta Singh, Lamar University, USA

TLET Preparing Future Teachers for AI-Enhanced Science Classrooms: Insights From a Study of Elementary Teacher Candidates [65942]

Athena Hui Jiang, E.J. Bahng, Clark Coffman, Iowa State University, Mack Shelley, Iowa State University, Stephen Gilbert, Stephen J. Fieffer, Iowa State University, Omar Abudagga, Iowa State University, USA

SOC Teaching Sustainability and Social Justice by Playing “Settlers of Catan: Oil Springs” [65545]

Nancy Sardone, Georgan Court University, USA

Hopper / Brief Papers

TIP Exploring Preservice Teachers' Self-Efficacy, Proficiency, and Readiness for Technology Integration Through the Lens of Their Own COVID-19 Experiences [66076]

Ebony Wallace, Jana Willis, Jane Cooper, Sheila Baker, Michelle Giles, University of Houston-Clear Lake, USA

ECE Embodied Reflection and Teacher Advocacy: Rebalancing the Digital Day in Early Childhood Education [66298]

Terri Hubbard, Polk State College, USA

ECE Bits, Bots, & Building Literacy: AI for Tiny Techies [66526]

Lindsey McCaleb, Arizona State University, USA

O'Keefe / Brief Papers

SOC Using Technology and Place-Based Education to Teach the Civil Rights Movement [65771]

Scott Scheuerell, Loras College, USA

SOC Immersive Education: Integrating Virtual Reality (VR) With Primary Sources in Social Studies Methods Course. [65838]

James Oigara, The State University of New York (SUNY Geneseo), USA

SOC Engaged Technology: Social Studies Teachers Activated in Kentucky [66009]

Lesia Lennex, Abbigaile Easter, Morehead State University, USA

Warhol 8th Floor / Brief Papers

SPAT Setting a Research Standard for AI Supported IEP Development [66112]

Andrea Harkins-Brown, Linda Carling, Dave Peloff, Johns Hopkins University, USA

SE Shadow the Scientists Connects Students, Teachers, and Communities With Scientists in Their Settings Through Virtual Experiences [65854]

Raja GuhaThakurta, Jameeka Marshall, UC Santa Cruz, Hilarie Davis, Technology for Learning Consortium, USA

TPACK Building Better Learning Through Making Academic Board Games: a Model for Meaningful Fabrication in the Classroom [66107]

Robert Dumas, Broken Arrow Public Schools, USA

Benton 8th Floor / Brief Papers

TLET Exploring Preservice Teachers' Attitudes Towards the Use of Gamification: Technological Barriers, Resistance to Change, and Professional Development Needs [66017]

Empress Searight, Margaret Rice, The University of Alabama, USA

TLET Investigating Undergraduate Students' Attitudes and Awareness Toward Artificial Intelligence [66049]

Behiye Canbaz, Gazi University, Hasan Çakır, Gazi Üniversitesi, Turkey

SICET Uncovering the Demand Structure of Teacher-Curated OER: an Exploratory Analysis of Blog Access Logs Based on Content Categories [66767]

Akio Abe, University of Nevada, Reno, USA; Hirofumi Tanimoto, Kyoto Koka Women's University, Japan; Mehmet Tosun, University of Nevada, Reno, USA

Cassatt 8th Floor / Full Papers

DV The ISTE Standards and Digital Storytelling [66541]

Katheryn Shannon, Southeastern Oklahoma State University, USA

ECE Reframing NCTM Illuminations Interactives: Insights From U.S. Preservice Teachers [66669]

Yong Joon Park, Indiana State University, USA

Pollack 8th Floor / Full Papers

SOCIAL Learning Discourse in the Digital Public Sphere: a Decade of Pedagogical Communication From Elite U.S. Art Colleges on Twitter/X [66661]

Pedram Bahaeabadi Ravari, College of Media & Communication, Texas Tech University, Maryam Ramezani, J.T. & Margaret Talkington College of Visual & Performing Arts, Texas Tech University, Sam Rahimzadeh Holagh, Department of Information Science, University of North Texas, Masoud Askarnia, Texas Tech University, USA

LEAD Toward a Human-Centered Artificial Intelligence Framework to Empower Teacher Education: a Scoping Review [65861]

Yao Fu, University of Wisconsin-Whitewater, USA; Zhenjie Weng, Duke Kunshan University, China

12:45-1:45 PM

Wyeth A / Full Papers

TLET Pedagogical Digital Competences of Teachers in Portugal in an Era of Hyperconnections [65767]

José António Moreira, Centre for Interdisciplinary Studies, University of Coimbra & Universidade Aberta, Sara Dias-Trindade, CITCEM, Faculty of Arts, University of Porto, Portugal

TLET Individual Agency or Organizational Support? a Study on Factors Influencing Human-Computer Collaborative Teaching Competence [65748]

Mingrui Zhang, Hongchao Peng, East China Normal University, China

Whistler A / Full Papers

CSE Lights, Code, Action! How Preservice Teachers Help Students Shine in Computational Thinking Camp Activities [66215]

Roba Nawash, Rachel Billman, Kandace Hoppin, Katie De Leon, Towson University, USA

CSE Mapping STEM Enrollment Through Computer Science Participation in Alberta [66157]

Quinn McCashin, Michael Carbonaro, Catherine Adams, Janelle McFeetors, University of Alberta, Canada

Whistler B / Full Papers

CREATE Teaching Instructional Design to Teachers: Instructional Features That Support Competency Development in Online Graduate Courses [66150]

Valerie Hartman, William Sadera, Towson University, USA

CREATE When Humans Must Care More: Ethics of Teaching in an AI-Infused World [66262]

Kimmy Ma, Molloy University, USA

Homer / Full Papers

SOCIAL Factors Impacting Continued Use of X in Preservice Teacher Education [66126]

Nandita Gurjar, Rhode Island College, Stephen Sivo, University of Central Florida, USA

WE Integrating CAQ and TAM to Understand Technology Acceptance in Gateway Math Courses Taught at Community Colleges [65898]

Jose Gamez, Oscar Villalobos, Youngjin Lee, Kinshuk Kinshuk, University of North Texas, Department of Learning Technologies, USA

Hopper / Brief Papers

SOC Exploring Opportunities for Counter Narratives With AI While Resisting Efficiency Models of Technology Use: Maintaining Humanity and Democracy in the Face of Authoritarianist Curricular Demands in Social Studies Education [66676]

Aaron Bruewer, The University of the District of Columbia, USA

NPI Implementing Video Annotation Software in Teacher Education: Four Years Later [66664]

Clement Lambert, Tina Chaseley, Northern Arizona University, Amy Boniface, Paradise Valley Community College, USA

TLET Digital Technologies and Early Teacher Identity Formation: Narrative Insights From a University Teaching Program [66264]

Douglas Santos, Sao Paulo State University (UNESP), Brazil

O'Keefe / Full Papers

GAI AI-Enhanced Assistive Technologies for Students With Disabilities: a Systematic Review of Types, Barriers, and Design Principles [66659]

Bhawana Thapa, Masoud Askarnia, Jongpil Cheon, College of Education, Texas Tech University, USA

Warhol 8th Floor / Best Practices (F2F)s

TIP Accelerating Preservice Teacher Readiness: Embedding Educational Technology & AI Through Summer Immersive Learning [65881]

Danna Dotson, Discovery Partners Institute - University of Illinois System, Jeremy Riel, University of Illinois Chicago, USA

GAI Beyond a Single Course: Cross-Curricular Approaches to AI Integration in Higher Education [66083]

Allison L. Roxburgh, Kaywin Cottle, Idaho State University, Cory A. Bennett, Idaho State University, USA

Benton 8th Floor / Full Papers

SE Beyond the Hype: Benchmarking AI-Generated Science Texts for Elementary Learners [65938]

Fatemeh Ashrafabadi, Azadeh Hassani, Guy Trainin, University of Nebraska-Lincoln, Qizhen Deng, Boise State University, Deepika Menon, University of Nebraska-Lincoln, USA

Cassatt 8th Floor / Full Papers

SE Immersive Virtual Reality in Middle School Science: Student Experiences With a Collaborative Astronomy Simulation [66706]

Lindsey Mason, Dean Rusk Middle School, Jason Harron, Kennesaw State University, USA

TPP AI-Ready Sustainability Framework for School Technology Integration: Educator Perspectives From a Multi-Site Qualitative Study [65903]

Austin Masamhiri, Samuel Ssemugabi, University of South Africa, South Africa

Pollack 8th Floor / Brief Papers

GS Capture the Flag Games As Experiential Learning Tools in Cybersecurity Education [66705]

Julie Hester, University of North Texas, USA

ME Instructional Judgment, Not Just Correctness: Evaluating AI-Generated Feedback on Student Mathematical Thinking [66645]

Amanda Reinsburrow, Cindy Yovanov, Drexel University, Bill Mongan, Michael Cummins, Matthew Latta, Ursinus College, Wesley Shumar, Valerie Klein, Jason Silverman, Drexel University, Steve Weimar, 21PSTEM, USA

NPI Institutional Boundaries Limiting AI Innovation Beyond the Walled Garden [66525]

Francheska Figueroa, Lindsey McCaleb, Janice Mak, Ashley Coughlin, Arizona State University,
USA

1:45-2:45 PM

2nd Floor Wyeth Foyer

Closing Toast and Invitation to SITE 2027 Nashville

Virtual Sessions

Best Practices (Asynchronous)

- SPAT **Add Learner Choice to Online Learning** [66515]
Jennifer Nash, Megan Schuh, Dakota State Univ., USA
- GAI **Automate the Busywork: AI Workflows That Boost Efficiency for Educators and School Leaders** [65740]
Gerardo Gancz, Allegiance STEAM Academy, USA
- GE **Beyond Compliance: Designing Distance Education for True Accessibility** [65914]
Laura King, Kristin Burnette, Jennifer Williams, East Carolina Univ., USA
- DE **Beyond the Gradebook: Empowering Student Success in Virtual Classrooms** [66187]
Jessamay Pesek, n/a, USA
- WE **Bridging Equity and Workforce Readiness: Best Practices From the REP Model for Community College Education in Computing & Technology Fields** [65753]
Elodie Billionniere, Lawrence Meyer, Jr., Miami Dade College, USA
- ECE **Building Prior Knowledge Before a Field Trip: Photography As a Bridge in Kindergarten Learning** [66117]
Elizabeth Christian, Purdue Fort Wayne, USA; Julia Smith, Purdue Univ. Fort Wayne, USA
- TLET **Coding Across the Curriculum: How to Integrate Coding into Your Methods Classes** [65863]
Janna Kellinger, Univ. of Massachusetts Boston, USA
- TLET **Configuring the Mirror: AI Chatbots As Reflective Practice in Teacher Education** [66735]
Megan Wereley, Matthew Broda, Ryan Ozar, College of Wooster, USA
- EE **Designing for a Changing Landscape: Best Practices in Embracing Multimodal Composition in the Preparation of Secondary English Teachers** [66043]
Kelly DeLuca, Adele Bruni-Ashley, Teachers College, Columbia Univ., USA
- ID **Designing Online Chemistry Instructional Videos: Best Practices Using CTML** [65858]
Diana Siberio-Perez, Renata Kochut, SUNY Empire State Univ., USA
- EE **Digital Storytelling Videos for Pre-Service Teacher Preparation** [65719]
Hsiaoping Wu, Texas A&M Univ.-San Antonio, USA
- TLET **Effect of Product-Based Professional Development on Teachers' Pre- and Post-Self-Reported Ability to Use and Integrate Technology Equipment and Instructional Technology Skills in the Classroom** [66233]
Maduakolam Ireh, Prairie View A&M Univ., USA
- LEAD **Empowering in-Service Teachers As AI Technology Leaders Through Professional Development: Best Practices for Transformative PreK–12 Integration** [66563]
Yao Fu, Univ. of Wisconsin-Whitewater, USA; Ragia Hassan, Indiana Univ. of Pennsylvania, USA; Tammy Fry Ware, MidAmerica Nazarene Univ., USA

GAI Engaging High-Risk Students in Computer Technology Using Artificial Intelligence Image Generators and Digital Storytelling [65707]

Jane Watkins, Spartanburg Methodist College, USA

STEM Expanding Access to STEM Education for Education Majors and Local Communities Through Grant Projects [66602]

Hanrui He, Daniel Bailey, Joanna Zimmerle, Austin Peay State Univ., USA

EVAL Experiences of Doctoral Students Leveraging AI for Dissertation Research [66057]

Mallorie Smith, Heather McCormick, Mississippi State Univ., USA

GAI From Overwhelmed to Empowered: Using AI to Make Data Work for Teachers [65875]

Karla Hamlen, Cleveland State Univ., USA

TLET From Substitution to Transformation: Using AI, LoTi, and SAMR to Redesign Teacher Preparation [65895]

Rena Rockwell, Webster Universtiy, USA

NPI Health Informatics Curriculum Development Via Collaboration: Lessons Learned and Best Practices [65923]

Suguna Chundur, Kristi Hall, Univ. of Cincinnati - Clermont College, USA

ME Leveraging AI Tutoring Platforms to Support Homebound High School Students in Mathematics [66313]

Maissa A. Hamad, Daniel A. Tillman, Alex Acquah, Song A. An, The Univ. of Texas at El Paso, USA

ECE Partners in Practice: Education-Library Collaborations That Expand Teacher Access to Materials [66069]

Elizabeth Christian, Caleb Britton, Purdue Univ. Fort Wayne, USA

GE Peer Mentor Training and Support in a Virtual Program for Goal Pursuit and Well-Being of College Students [66680]

Angela Chow, School of Public Health-Bloomington, Indiana Univ., USA; Shuhan Yuan, D'Amour College of Liberal Arts and Sciences, Assumption Univ., USA; Hsien-Chang Lin, College of Education, San Diego State Univ., USA

GAI Preparation to Practice: Collaborative Pathways Between LEAs and EPPs [66204]

Amanda Nelms, Belmont Univ., USA

TLET The Evolution of Educator Preparation Programs: a Historical Overview and Discussion of Trends [65744]

Adrian Zappala, Alliant International Univ., USA

EE The Use of 3D Virtual Reality to Enhance Vocabulary for EFL at A1 Level Learners: the Implementation of Merge Cube 3D Virtual Reality Holograms in Classroom Activities. [66178]

Jimmy Cabezas, Kiara Lozano, Universidad de Guayaquil, Ecuador

GS Two Paths to Understanding: How Games and Simulations Shape Learning in STEM [66235]

Koushiki Pohit, Razan Hamed, David Whittinghill, Sanjay Rebello, Purdue Univ., USA

Brief Paper (Asynchronous)s

TLET **“I am a Better Speaker if I Have My Phone!”** [66240]
Ho-Ryong Park, Murray State Univ., USA

GAI **A Multi-Layered Research-Practice Partnership for Responsible AI Integration in K-12 Classrooms: a Conceptual SWOT Analysis of Early Development** [66736]
Vanessa Dennen, Florida State Univ., USA; Megan Crombie, Florida State Univ. School, USA;
Nuodi Zhang, Florida State Univ., USA

ASSESS **Accelerating Feedback, Preserving Expertise: AI-Assisted Evaluation in Teacher Preparation** [65916]
Krista Ruggles, Majid Memari, Utah Valley Univ., USA

GAI **AI-Powered Adaptive Interview Simulator for Adults With Disabilities** [66290]
Seoukyoung Kim, Central Michigan Univ., USA

GAI **An Examination of Motivation in AI Readiness for K–12 Teachers** [65752]
Janelle Schnacker, Univ. of North Texas Department of Learning Technologies, USA; Ji Hyun Yu, Univ. of North Texas, USA; Xun Ge, Univ. of North Texas Department of Learning Technologies, USA

ID **Applying the Systemic Intersubjectivity Framework Beyond Teacher Education Programs** [66000]
Barbara Hall, National Univ., USA; Vanessa Dennen, Florida State Univ., USA

ID **Artificial Intelligence and Instructional Design: Voices From the Field** [66749]
Martonia Gaskill, Univ. of Nebraska Kearney, USA; Dawn Mollenkopf, Univ. of Northern Iowa, USA

GAI **Artificial Intelligence in Higher Education: Challenges, Solutions, and Transformative Applications** [65964]
Cheryl Harris, Indiana Univ. of Pennsylvania, USA

GAI **Artificial Participants, Real Insights: a Proof of Concept for AI-Simulated Focus Groups in Developing Educational Leadership Measures** [65955]
Elliott Ostler, Univ. of Nebraska at Omaha, USA

NPI **Authorizing Digital Security Badges to Protect Students, Staff, and Community** [65766]
Virginia McCormack, Ohio Dominican Univ., USA

GAI **Best Practices in AI Governance: a Defensible Oversight Model for District and Technology Leaders** [65812]
Christian Manansala, Tagpros Children International, USA

ID **Beyond the Textbook: Themed Syllabi As a Tool for Engagement, Equity, and Retention** [65700]
Stephanie Maher Palenque, Grand Canyon Univ., USA

GE **Branding the Professor: How Instructor Identity Shapes Engagement in Online Learning.** [65699]
Stephanie Maher Palenque, Grand Canyon Univ., USA

- CT **Bridging Coding and Computational Thinking: Pre-Service Teachers' Experiences With Unplugged and Plugged Activities** [66079]
Anjali Khirwadkar, Shannon Welbourn, Brock Universtiy, Canada
- ME **Bridging Online Learning and Local Teaching With Culturally Relevant Mathematics Task Design** [66514]
Darryl L. Corey, Radford Univ., USA; Morgan Sherrill, Henry County Public Schools, USA
- TPACK **Bridging Technology and Pedagogy: Investigating Elementary Teachers' TPACK in Mathematics Classrooms** [65836]
Hsing-Wen Hu, Coastal Carolina Univ., USA
- IL **Building Adolescents' Resilience to Fake News: a School-Based Review** [65758]
Maria Roumelioti, Univ. of Patras, Greece; Effie Simou, Univ. of West Attica, Greece
- DE **Building Student Self-Efficacy Through Near Peer Mentoring** [65736]
Jacqueline Diaz-Mewes, Jonathan Dodrill, Ted Scholz, Donald Wemett, Dhrumi Salva, Adam Hudson, The Chicago School, USA
- GAI **ChatGPT in Secondary English Language Learning: Educators' and Students' Literacy, Perceptions, and Experiences** [66156]
Victoria Brenes, Nova Southeastern Univ., USA; Sierra Outerbridge, Univ. of Central Florida, USA; Xinyue Ren, Old Dominion Univ., USA
- EE **Collaborative Learning Technologies and Usage of ELA Teachers** [66140]
Erik Kormos, Ashland Univ., USA
- SOCIAL **Communication Between the Management Team and the Educational Staff Via WhatsApp** [66652]
Egoza Wasserman, Herzog College of Education, Jerusalem, Israel, Israel; Racheli Brandsdorfer, Early Childhood Cluster Director, Israel; Pdut Yedid, High school teacher, Israel
- ID **Contextualizing Structured on-the-Job Training (S-OJT) for Teacher Development: STEM Project-Based Learning As a Case** [65829]
Shurooq Al Rumizan, King Saud Univ., Saudi Arabia; Daniah Alabbasi, king Saud Univercity, Saudi Arabia
- ID **Design, Refine, and Learn: Iterative Prototyping in a Middle School PBL Makerspace** [65790]
Sharda Sharma, Pi-Sui Hsu, Eric Monsu Lee, Shayne Taylor, Shinan Wu, Northern Illinois Univ., USA
- OGE **Designing and Evaluating Reflective COIL Environments in Teacher Education:a Mixed-Methods Study of Padlet-Supported International Collaboration** [66529]
Takeshi Morishita, Mitsunori Yatsuka, Shinshu Univ., Japan; Chia-Jung Chung, California State Univ., Sacramento, USA
- CREATE **Designing for Distance: Operationalizing Reparative Distance Inquiry in AI-Mediated Teacher Education** [66225]
Theodora Kourkoulou, Univ. of Iowa, College of Education, USA
- ID **Designing for, With, and by AI: a Conceptual Framework for Instructional Design in Pre-Service Technological Education** [66154]

Shannon Welbourn, Brock Univ., Faculty of Education, Department of Educational Studies,
Canada

TLET Designing Inviting Classroom Environments With Innovations for Differentiation and Student Success [66738]

Debra Coffey, Kennesaw State Univ., USA

ID Developing a Guiding Framework to Inform the Utilization of Generative AI in the Instructional Design Process [65931]

mona Alshehry, Daniah Alabbasi, King Saud Univ., Saudi Arabia

K12 Developing Confidence and Readiness for Technology Use in K–8 Classrooms [66139]

Erik Kormos, Ashland Univ., USA

IL Development and Validation of an Evaluation Test for Risk Recognition and Avoidance Abilities in Social Networking Services Use [66475]

Noriyuki Matsunami, Teikyo Univ., Japan; Masahiro Nagai, Tokyo Metropolitan Univ., Japan

SPAT Differentiating Instructions for Heritage and Second Language Learners: Practical Implementation of Personalized Learning in an Advanced Chinese Language Course With Multi-Proficiency Learners [65991]

Yashin Chen, East Brunswick Public Schools, USA

SPAT EducaFácil: Interface Modeling and Academic Support Inclusive for Teaching Educational Psychology [66228]

Diedson Kenned Mota, Leticia De Almeida, Ana Carla Medeiros, Osvaldo Viana Junior, Universidade do Estado do Amazonas, Brazil

ID Embedding AI Literacy Within Technical Coursework: an Instructional Design Approach [66772]

Ronald Glotzbach, Purdue Univ., USA

TLET Empathy by Design: Evidence From an AI-Enhanced Pedagogical Intervention [65984]

Yehudith Weinberger, Kibbutzim College of Education, Technology and the Arts, Israel; Noa Shapira, Kinneret Academic College, Israel

GAI Empowering Writers: Ethical and Low-Cost Technologies for Academic Writing [65961]

Crystal Machado, Cheryl Harris, Indiana Univ. of Pennsylvania, USA

ID Equipping Educators for Accessibility: Faculty Knowledge, Challenges, and Support in Meeting WCAG 2.1 Standards at Private Universities [66731]

Giulia Fiorentini, Polleana Mary Munoz, Minkyong Kim, Univ. of Tampa, USA

TPACK Examining TPACK-Based Generative AI Professional Development Practices: a Literature Review [66489]

Adam Pereira, Central Michigan Univ., USA

TLET Exploring Faculty Sensemaking in the Age of Generative AI: a Collaborative Autoethnography [66230]

Jackie Kim, Alesia Moldavan, Jonathan Lubin, Lucas Jensen, Carl Sorgen, Georgia Southern Univ., USA

- XR Exploring the Effectiveness of Three VR Applications for Intercultural Communication: a Quantitative Survey Study [66136]**
Haixia Liu, Grand Valley State Univ., USA
- GAI Exploring the Impact of Generative Artificial Intelligence on Higher Education Faculty Through the TPACK Lens [66201]**
Mary Spataro, Gwynedd Mercy Univ., USA
- TPACK Facilitating Student-Generated Video Production in Secondary Education: a Scalable Curriculum Model Addressing Teacher Resource Constraints [66550]**
Akira Shimosaki, Takeshi Morishita, Mitsunori Yatsuka, Masaaki Niimura, Shinshu Univ., Japan
- SE Flipping the Science Classroom With Constructivism [65814]**
William Robertson, Teacher Education Department, College of Education, the Univ. of Texas at El Paso, USA
- EVAL Forecasting Education Metrics Through Joint Futures Betting - a Study With Austria's Emerging Scholars [66217]**
Benedikt Br nner, Graz Univ. of Technology, Austria; Gerald Geier, Univ. College for Teacher Education Styria, Austria; Sandra Sch n, Martin Ebner, Graz Univ. of Technology, Austria
- TLET From Individual Practice to Collaborative Meaning-Making: Peer Interaction As a Key Mechanism in a Bilingual Technology-Based Learning Community [66448]**
Jun Yan, John Spiridakis, St. John's Univ., USA; Ekaterina Midgette, St. John's Univ., Armenia
- GAI From Rails to Wings: a Design Framework for Educator-Created Generative AI Chatbots [66516]**
Yu-Hui Ching, Yu-Chang Hsu, Boise State Univ., USA
- GAI Generative AI in K-12 Lesson Planning: a Qualitative Study of Teacher Use, Adaptation, and Privacy [66499]**
Jabari Cain, Yeol Huh, Kennesaw State Univ., USA
- TPACK Incorporating Mission into Online Asynchronous Courses [66123]**
Amy Paciej-Woodruff, Sandy Pesavento, Michelle Ostroski, Marywood Univ., USA
- C3 Instruction = Communication ==> Learning [66036]**
Myrene Magabo, Univ. of Phoenix, USA
- GAI Integrating Generative and Agentic AI in Higher Education Faculty Development [66656]**
Ronald Glotzbach, Purdue Univ., USA
- GAI It Don't Matter if You Use AI in Your Classroom [66640]**
Punya Mishra, Danah Henriksen, Lindsey McCaleb, Arizona State Univ., USA
- LEAD Leaders Supporting Teachers in Technological Change in the Era of AI: the FLIP Framework [66481]**
Lauren Woo, Danah Henriksen, Arizona State Univ., USA; Edwin Creely, Monash Univ., Australia
- EVAL Leadership Competencies and Behaviors Driving Digital Transformation in Healthcare and Biotechnology: an Explanatory Sequential Mixed Methods Study [66149]**
Santwana Thukral, Purdue Univ. Global, USA

- LEAD Leading Digital Change: a Qualitative Study of Principals' Strategies for Overcoming Barriers to Technology Integration in K-12 Classrooms [65722]**
Saicy Lytle, Univ. of North Texas, USA
- CREATE Level Up Pyramid (LUP): a Gamified Framework for Values-Based Motivation and Citizenship Education [65768]**
Vasiliki Papathanasiou, Aikaterini Zafiri, Atsoglou school, Greece
- CREATE Leveraging New Analytics to Examine Longitudinal Engagement Trends in Asynchronous Online Learning [65809]**
Tiffany Lonoza, Univ. of Memphis, USA
- SE Managing Change in Online Learning: a Case Study. [65521]**
Richard Pierce, Dana Kirkwood-Watts, Yavapai College, USA
- DE Measuring Interaction Via a Heatmap: a Brief Empirical Study [66068]**
Suguna Chundur, Univ. of Cincinnati - Clermont College, USA; Adam Chekour, Univ. of Cincinnati - Blue Ash College, USA
- TPACK Moment of Difficulty: Teacher Candidates' Response to Technology Integration Barriers [65851]**
Amanda Nelms, Belmont Univ., USA
- OGE Navigating Higher Education With AI: International Graduate Students' Academic, Cultural, and Social Experiences [66647]**
Emmy Min, Annaleise Caballero, Chencheng Liu, Songquan Wei, Univ. of Southern California, USA
- TLET Participating in the Design of AI Robot Assistants Through Prompt Engineering [66487]**
Lauren Woo, Danah Henriksen, Arizona State Univ., USA; Edwin Creely, Monash Univ., Australia; Heeyoul Choi, Handong Global Univ., Korea (South)
- TLET Pedagogical Promise and Ethical Tensions: Preservice Teachers' Perspectives on Artificial Intelligence in Education [66508]**
Minsun Shin, Montclair State Univ., New Jersey, USA, USA
- TLET Promoting Artificial Intelligence Literacy and Academic Integrity in Higher Education: a Phenomenological Study [66135]**
Galia Fussell, Michelle Bianco, Purdue Univ. Global, USA
- NPI Reading the Plate: Menus As Data for Historical Inquiry [66651]**
Cody Dalton, Virginia Tech, USA
- GAI Reimagining Co-Design for AI-Supported Education [66600]**
Hyejeong Lee, The Univ. of Texas at San Antonio, USA; Wonjin Yu, The Univ. of Alabama, USA
- TLET Reimagining Teacher Preparation: an Alternative Way to Enact Ethical and Equitable AI Literacy [66094]**
Qing Li, Bill Sadera, Towson Univ., USA
- GAI Rural K–5 Teachers' Needs for Generative AI Integration into STEM Education: Insights for Designing Effective Professional Development [66223]**
Alesia Moldavan, Jackie Kim, Georgia Southern Univ., USA

TLET Safe Realm: a Design-Based Digital Peer-Support Intervention Model for Adolescent Emotional Well-Being [66631]

Yvonne Garcia, Texas A&M Univ.-Corpus Christi - Corpus Christi, TX, USA

CSE Scenario-Based Learning in Database Education: an Exploratory Study of Student Perceptions [65986]

Oswaldo Viana Junior, Aurea Hiléia Melo, Universidade do Estado do Amazonas, Brazil

GAI Taking AIME: a National Framework Supporting the Ethical Architecture and Adaptive Execution for AI in Teacher Education [66186]

Keri Ewart, Wilfrid Laurier Univ., Faculty of Education., Canada; Julie Mueller, Wilfrid Laurier Univ., Canada

WE Task–Technology Fit in Action: Understanding Learning–Task Alignment in Math Classes at Community Colleges [65900]

Jose Gamez, Oscar Villalobos, Youngjin Lee, Kinshuk Kinshuk, Univ. of North Texas, Department of Learning Technologies, USA

GAI Teaching Evaluative Judgment Through Rubric-Guided Critique of AI-Generated Learning Objectives [66491]

Yu-Chang Hsu, Yu-Hui Ching, Boise State Univ., USA

EE Teaching Writing With AI: Using of AI Tools to Teach Writing [65791]

Jenna Copper, Fecich Samantha, Amy Orville, Slippery Rock Univ., USA

TLET TechnoMUSIC As a Compass: Guiding AI Use Through Motivation Theory [65724]

Cody Dalton, Virginia Tech, USA

EE The Anxious Student: Metacognitive and Expressive Writing Interventions for a Post-Rewiring Generation [66096]

Michelle Bianco, Galia Fussell, Purdue Univ. Global, USA

CREATE The Human Side of Human-AI Creative Collaboration: Expert Perspectives on Creativity, Agency, and Learning [66756]

Danah Henriksen, Lauren Woo, Punya Mishra, Nicole Oster, Lindsey McCaleb, Arizona State Univ., USA

SICET The Impact of Critical Friends Groups on Teachers' Self-Efficacy Towards Differentiated Instruction in a Virtual Environment [66613]

Amanda Hammill, Yingxiao Qian, Univ. of South Carolina, USA

TPACK The Impact of Positive Behavior Interventions on Challenging Behaviors in Elementary Students With Autism Spectrum Disorder: a Mixed-Methods Case Study With Technology-Enhanced Supports [66181]

Emily Roth, Central Michigan Univ. Doctor of Educational Technology Program, USA

DV The Influence of Integrating Performing Arts into Picture Book Reading Instruction on the English Reading Motivation and Reading Interest of Elementary School Children [65558]

YuPing Lai, National Taiwan Univ., Taiwan

TLET The Intelligent Campus: Artificial Intelligence As a Catalyst for Student Achievement and Institutional Innovation [66473]

Ritu Sharma, Purdue Univ., USA

GAI **Training Students to the Use of Artificial Intelligence Tools: the New Challenge** [65745]
Delphine Billouard-Fuentes, Em Lyon business school, France

GAI **Using Generative AI to Represent Mathematical Thinking of Students With Specific Learning Disabilities** [66105]
Michele Cudd, Karis Musgrave, Morehead State Univ., USA

TLET **Using Machine Learning Algorithms for Predictive Learning Analytics** [65762]
Betul Czerkawski, Gozde Durgut, Univ. of Arizona, USA

WE **Validating the Extended Technology Acceptance Model Through Exploratory Factor Analysis (EFA): the Role of Educational Support in Online Homework Systems for Gateway Courses at Community Colleges** [65899]
Oscar Villalobos, Jose Gamez, Kinshuk Kinshuk, Youngjin Lee, Univ. of North Texas, Department of Learning Technologies, USA

TLET **Virtual Pathways to Global Fluency: a Systematic Study of International Exchange Programs in Language Learning** [65526]
Naima Bary, Univ. of Alabama, USA

Full Paper (Asynchronous)s

OGE **“Using AIs Can Be a Bit Tricky”: Teacher Perspectives on Using AI to Support Multilingual Students** [66310]
Daniel A. Tillman, Song A. An, Maissa A. Hamad, Alex Acquah, The Univ. of Texas at El Paso, USA

TPP **AI Detection and Uncertainty – Policy and a Study Design** [65416]
Charles Tuite, Ball State Univ., USA

TLET **AI in Higher Education Through a Constructivist Lens: a Systematic Content Analysis of Empirical Research (2019–2024)** [66167]
Anne N. Mutiga, Univ. of Nevada-Reno, USA

SPAT **AI Usage, Academic Self-Efficacy, and Self-Regulated Learning Among University Students With and Without Learning Disabilities** [65985]
Adi Sharabi, Tami Seifert, Kibbutzim College of Education, Israel

GAI **An HSK Text Generation Agent Based on a Fine-Tuned Large Language Model** [65695]
Chenpeng Yuan, Jingjing Ruan, Yong Zhou, Nanxi Cai, East China Normal Univ., China

GAI **Assessing AI-Generated Online Discussion Assignments in an Asynchronous Bioethics Course: a Comparative Analysis of AI Vs Human** [66109]
Elham Maleki, Univ. of Nevada,Reno, USA; Lynda Wiest, Univ. of Nevada, Reno, USA

SPAT **Assistive Technology in K-12 Schools on Prince Edward Island: a Landscape Analysis** [66449]
Terri Jackson, Univ. of Prince Edward Island, Canada; Elizabeth Blake, Emily Cook-Mcdonald, UPEI, Canada

- GAI Between Adoption and Hesitation: How Lecturers Use AI for Assessment [66088]**
Laura Levin, Adina Mishal, Kibbutzim College of Education, Technology and the Arts, Israel; Chen Giladi, Sami Shamoon College of Engineering (SCE), Israel; Tami Seifert, Kibbutzim College of Education, Technology and the Arts, Israel
- SPAT Between Screens: the Untold Side of Digital Learning [66091]**
Irit Levy-Feldman, Adi Sharabi, Kibbutzim College of Education, Technology & the Arts, Israel
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