

Wednesday, March 25

8:00 AM-5:30 PM

**2nd Floor Wyeth Foyer
Registration**

8:15-8:45 AM

2nd Floor Wyeth Foyer Kick Off Coffee

9:00-10:00 AM

Wyeth Ballroom ABC

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

Matt Bower, Macquarie University, Australia

10:00 AM-12:30 PM

Rockwell Boardroom

66709: From Definitions to Decisions: Learning Through Gameplay [66709]
Crisianee Berry, East Carolina University, USA

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

10:15-11:15 AM

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

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

10:15-11:15 AM

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

10:15-11:15 AM

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

Concierge 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 / 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

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

11:30 AM-12:30 PM

Homer / Brief Papers

- GAI **Generative 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 / 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 Learning 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

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

11:30 AM-12:30 PM

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

11:30 AM-12:30 PM

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

Wyeth Foyer & Concierge 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

1:45-2:45 PM

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

1:45-2:45 PM

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, Cherrng 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 Quilinquin, 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

EEVAL **“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

1:45-2:45 PM

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

3:00-4:00 PM

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, Nancy Blair Black, Teachers College Columbia University, USA

3:00-4:00 PM

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 Ostashewski, 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

3:00-4:00 PM

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

Rockwell Boardroom / Full Papers

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

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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

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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

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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

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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

Concierge Lounge 8th Floor / **Culture & Climate Committee Meeting**

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Whistler AB / Poster/Demo (F2F)s

1 **Empowering Preservice Teachers to Utilize AI for Elementary Science Lesson Creation** [65515]
Shawn O'Neill, Bridgewater State University, USA

2 **Narratives and Networks: Bridging AI, Literacy, and Engineering for Equitable STEM Education** [65517]
Shawn O'Neill, Tori Cameron, Bridgewater State University, USA

3 **Growing Roots: Developing Teacher/Researcher Arts-Based Methodology** [65580]
Rachel Terlop, Simpson College, Leslie La Croix, George Mason University, USA

4 **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

5 **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

6 **Artificial Intelligence As a Co-Regulator of Students' Self-Regulated Learning in Higher Education** [65697]
Qusai Tweissi, Ohio University, USA

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Whistler AB / Poster/Demo (F2F)s

- 7 **Crafting Curriculum, Phase Three: Educative Videos for Historical Photographs** [65714]
Cory Callahan, University of Alabama, USA
- 8 **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
- 9 **Innovating Mathematics Learning: Using Artificial Intelligence to Support the Standards for Mathematical Practice** [65751]
Mic Fenech, Gardner-Webb University, USA
- 10 **Exploring the Effects of Various Prompts and LLMs on Coding Automated Constructive Feedback** [65793]
Yiyao Yang, Yasemin Gulbahar, Teachers College, Columbia University, USA
- 11 **How Elementary Teachers Make Sense of Computer Science Education** [65798]
Julie Perry, Florida State University, USA
- 12 **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
- 13 **AI-Assisted Literature Review: Designing and Evaluating an Instructional Intervention** [65811]
Maryam Saneie Moghadam, Elena Cotos, Iowa State University, USA
- 14 **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
- 15 **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
- 16 **An Analysis of Large Language Models (LLMs) in Education: Applications, Challenges, and Use Cases** [65843]
Mahnaz Moallem, Towson University, USA
- 17 **Prompting Generative AI to Prompt into Developing Students' Higher-Level Thinking Skills** [65847]
Azmat Minhaz, University of Delaware, USA
- 18 **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
- 19 **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
- 20 **Using Authentic Engineering Experiences to Help Teachers Learn the Eight Engineering Practices** [65965]
Waldemar Stepnowski, College of Staten Island - CUNY, USA
- 21 **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

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Whistler AB / Poster/Demo (F2F)s

- 22 **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
- 23 **Crazy Slots: a Minimal-Call Architecture for Authentic AI Student Avatars in VR Teacher Training** [65978]
Judson Haynes, University of Maryland, College Park, USA
- 24 **Exploring Aura, Self-Reflection, and Pedagogical Practice: an Exploratory Study With Teacher Education Students and Scholars** [65979]
Rachel Terlop, Aswati Subramanian, Simpson College, USA
- 25 **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
- 26 **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
- 27 **Relevance of Instructional Design Modeling Support in Online Instruction.** [66084]
Geoffrey Kagumba Ggubi, YingYing Liu, Mahnaz Moallem, Towson University, Hoda Harati, Towson, USA
- 28 **Healing Through Creativity: Real Student Projects That Support Patients at a Local Burn Center** [66116]
Robert Dumas, Broken Arrow Public Schools, USA
- 29 **Reflections on Collaborative Digital Storytelling in Teacher Preparation** [66130]
Becca Corso, Stonehill College, USA
- 30 **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
- 31 **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
- 32 **Challenge-Based Learning Through Pop-Up Makerspace STEAM Studios** [66158]
Kirtika Panwar, Sheri Vasinda, Oklahoma State University, USA
- 33 **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
- 34 **Understanding Preservice Teachers' Perspectives on the Role of GenAI in Elementary STEM Education** [66199]
Azadeh Hassani, Guy Trainin, Deepika Menon, Azatzhan Baitekov, University of Nebraska-Lincoln, USA

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Whistler AB / Poster/Demo (F2F)s

- 35 **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 Kara-Zorluoglu, University of Nevada Las Vegas, USA; Elif Adibelli-Sahin, The Development Workshop-Ankara, Turkey
- 36 **From Screen to Space: Collaborative Mixed Reality Physics Simulations** [66263]
Jason Harron, Kennesaw State University, USA
- 37 **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
- 38 **AI-Driven Holographic Teacher** [66279]
Manikandan Chandran, Independent, USA
- 39 **Epistemic Reliability Under Generative AI: the Problem of Hallucinated Knowledge** [66303]
Klaus Schmidt, Bharat Dash, Illinois State University, USA
- 40 **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
- 41 **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
- 42 **At the Intersection of Civic Identity and Pedagogical Practice: TPACK in the Social Studies Classroom** [66459]
Ryan Beaudoin, University of Houston, USA
- 43 **The T.R.U.S.T. Framework™: Preparing Preservice Teachers to Navigate AI in K-12 Classrooms** [66501]
Christina Cooper, Quantum Flex Solutions, USA
- 44 **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
- 45 **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
- 46 **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
- 47 **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

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Whistler AB / Poster/Demo (F2F)s

- 48 **Experiencing AI Model Building and Deployment: Effects on University Students' Negative Attitudes and Anxiety Toward AI** [66577]
Takahiro Tagawa, Chikushi Jogakuen University, Japan
- 49 **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
- 50 **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
- 51 **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 Québec à Montreal, Ariane Bouchard, Université du Québec à Montreal, Canada, Canada
- 52 **Strengthening STEM Identity Through Making** [66697]
Rich Gilliam, STEM Plug, USA
- 53 **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
- 54 **From Instruction to Interaction: Designing an Embodied, AI-Supported Learning Ecology** [66701]
Shekhar Dash, University of North Carolina at Chapel Hill, USA
- 55 **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
- 56 **Reimagining Leadership Preparation: AI and Immersive Simulation for Practice-Based Learning** [66742]
Tiffany Newsome, Western Carolina University, USA
- 57 **Learn STEM Topics by Building a Lectec Electric Skateboard Kit** [66320]
Lynn Hummel, Commonwealth University of Pennsylvania, USA
- 58 **A More Friendly Approach to Inventing: LEGO-Compatible Structures for STEM Exploration** [66176]
Roger Wagner, 1010 Technologies, USA