IMPORTANT NOTICE

This PDF is will not include any schedule changes made after March 21. For the absolute most up-to-date schedule, please always check AcademicExperts.org/conf/site/2018/.
### MONDAY, MARCH 26

<table>
<thead>
<tr>
<th>Event</th>
<th>Location</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>2nd Floor</td>
<td>12:00 - 5:00 PM</td>
</tr>
<tr>
<td>FREE National Air &amp; Space Museum Tour</td>
<td>Meet in Lobby</td>
<td>9:15 AM - 12:15 PM</td>
</tr>
<tr>
<td>National History Museum Private Tour</td>
<td>Meet in Lobby</td>
<td>12:00 - 4:00 PM</td>
</tr>
<tr>
<td>FREE National Air &amp; Space Museum Tour</td>
<td>Meet in Lobby</td>
<td>1:30 - 4:00 PM</td>
</tr>
<tr>
<td>Workshop 1: “Make to Learn” Invention Kit</td>
<td>Wright</td>
<td>8:00 AM - 5:00 PM</td>
</tr>
<tr>
<td>Workshop 2: BreakoutEDU: Try Something Different</td>
<td>Banneker</td>
<td>1:30 - 5:00 PM</td>
</tr>
<tr>
<td>Workshop 3: Engaging Digital Natives</td>
<td>Bell</td>
<td>1:30 - 5:00 PM</td>
</tr>
<tr>
<td>Workshop 4: Expanding the Walls of the Classroom</td>
<td>Edison E</td>
<td>1:30 - 5:00 PM</td>
</tr>
<tr>
<td>Workshop 5: Preparing Teacher Candidates for Blended Learning</td>
<td>Whitney</td>
<td>1:30 - 5:00 PM</td>
</tr>
<tr>
<td>SITE Planning Meeting</td>
<td>Hopkins Boardroom</td>
<td>5:30 - 6:30 PM</td>
</tr>
</tbody>
</table>

### TUESDAY, MARCH 27

<table>
<thead>
<tr>
<th>Event</th>
<th>Location</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>2nd Floor</td>
<td>7:30 AM - 5:15 PM</td>
</tr>
<tr>
<td>Beverage Break</td>
<td>Ballroom Foyer</td>
<td>8:00 - 8:30 AM</td>
</tr>
<tr>
<td>Welcome, Opening General Session &amp; Keynote: Jaime Casap</td>
<td>Edison D</td>
<td>8:30 - 9:45 AM</td>
</tr>
<tr>
<td>Newcomer Welcome</td>
<td>Edison D</td>
<td>9:45 - 10:15 AM</td>
</tr>
<tr>
<td>Experience BreakoutEDU – Game on!</td>
<td>Curie</td>
<td>10:15 - 11:15 AM</td>
</tr>
<tr>
<td>Morning Sessions</td>
<td>See AcademicExperts.org</td>
<td>10:15 AM - 12:30 PM</td>
</tr>
<tr>
<td>Experience BreakoutEDU – Game on!</td>
<td>Curie</td>
<td>11:30 AM - 12:30 PM</td>
</tr>
<tr>
<td>Teacher Educator Technology Competencies BreakoutEDU</td>
<td>Edison B</td>
<td>11:30 AM - 12:30 PM</td>
</tr>
<tr>
<td>Lunch Break</td>
<td>Ballroom Foyer</td>
<td>12:30 PM - 1:45 PM</td>
</tr>
<tr>
<td>Consultative Council Meeting</td>
<td>Hopkins Boardroom</td>
<td>12:30 - 1:45 PM</td>
</tr>
<tr>
<td>SIG Meetings</td>
<td></td>
<td>1:45 PM - 1:45 PM</td>
</tr>
</tbody>
</table>

**INFORMATION TECHNOLOGY SIG MEETINGS**

- Computational Thinking: Edison G
- Digital Games & Simulations: Edison F
- Digital Storytelling/Video: Edison E
- Distance/Flexible Education: Edison D
- Equity & Social Justice: Edison D
- Faculty Development: Edison A
- International Education: Edison B
- K-12 Online Learning: Edison C
- Mobile Learning: Curie
- New Possibilities with Information Technologies: Bell
- Research & Evaluation: Whitney
- Technology Leadership: Banneker
- Wearable Technologies: Wright
- Workforce Education: Edison D

- Experience BreakoutEDU – Game on!: Curie 1:45 - 2:45 PM
- Invited Talk: Charlie Fitzpatrick: Edison B 1:45 - 2:45 PM
- Afternoon Sessions: See AcademicExperts.org 1:45 - 5:15 PM
- Beverage Break: Ballroom Foyer 2:45 - 3:00 PM
- Experience BreakoutEDU – Game on!: Curie 3:00 - 4:00 PM
- Experience BreakoutEDU – Game on!: Curie 4:15 - 5:15 PM
- SITE Executive Board Meeting (Invitation Only): Hopkins Boardroom 4:45 - 6:15 PM
- Social Event: Disco Night in DC Party!: Edison D 6:30 - 8:30 PM

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Find it online at [academicexperts.org/conf/SITE/2018/](http://academicexperts.org/conf/SITE/2018/)
**WEDNESDAY, MARCH 28**

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<th>Event</th>
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<tbody>
<tr>
<td>Registration</td>
<td>2nd Floor</td>
</tr>
<tr>
<td>Beverage Break</td>
<td>2nd Floor</td>
</tr>
<tr>
<td>General Session, Paper Awards, &amp; Keynote: Karen Cator</td>
<td>Edison D</td>
</tr>
<tr>
<td>Newcomer Welcome</td>
<td>Edison D</td>
</tr>
<tr>
<td>Experience BreakoutEDU – Game on!</td>
<td>Curie</td>
</tr>
<tr>
<td>Morning Sessions</td>
<td>10:15 AM</td>
</tr>
<tr>
<td>Experience BreakoutEDU – Game on!</td>
<td>11:30 AM</td>
</tr>
<tr>
<td>Lunch Break</td>
<td>Ballroom Foyer</td>
</tr>
<tr>
<td>Information Technology Council Meeting</td>
<td>12:30 - 1:45 PM</td>
</tr>
<tr>
<td>SIG Meetings</td>
<td>12:45 - 1:45 PM</td>
</tr>
</tbody>
</table>

**TEACHER EDUCATION SIG MEETINGS**

- African Perspective: Edison D
- Assessment/eFolks: Edison D
- Assistive Technologies: Edison G
- Creativity: Edison F
- Early Childhood Education: Edison E
- English Education: Edison A
- Geospatial Education: Edison D
- Information Literacy Education (Library & Media Science): Whitney
- Maker: Wright
- Mathematics Education: Edison C
- Science Education: Edison B
- Social Media: Hopkins Boardroom
- Social Studies Education: Bell
- Special Education: Curie
- Teaching & Learning with Emerging Technologies: Banneker
- Universal Design for Learning: Edison D

**THURSDAY, MARCH 29**

<table>
<thead>
<tr>
<th>Event</th>
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<tbody>
<tr>
<td>Registration</td>
<td>2nd Floor</td>
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<tr>
<td>Beverage Break</td>
<td>Ballroom Foyer</td>
</tr>
<tr>
<td>General Session, Poster Awards, &amp; Keynote: Richard Culatta</td>
<td>Edison D</td>
</tr>
<tr>
<td>New SIG Chair Orientation</td>
<td>Whitney</td>
</tr>
<tr>
<td>Morning Sessions</td>
<td>10:15 AM</td>
</tr>
<tr>
<td>Lunch Break</td>
<td>Ballroom Foyer</td>
</tr>
<tr>
<td>Teacher Education Council Meeting</td>
<td>Hopkins Boardroom</td>
</tr>
<tr>
<td>CITE Journal Editors Meeting (Invitation Only)</td>
<td>Curie</td>
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<tr>
<td>Natural History Museum Private Tour</td>
<td>Meet in Lobby</td>
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<tr>
<td>Invited Talk: Kristina Ishmael</td>
<td>Edison B</td>
</tr>
<tr>
<td>Afternoon Sessions</td>
<td>1:45 - 5:15 PM</td>
</tr>
<tr>
<td>Beverage Break</td>
<td>Ballroom Foyer</td>
</tr>
<tr>
<td>SITE Leadership Meeting (Invitation Only)</td>
<td>6:00 - 7:30 PM</td>
</tr>
<tr>
<td><strong>Social Event:</strong> Potomac Riverboat DC Tour</td>
<td>Meet in Lobby</td>
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<tr>
<td><strong>Social Event:</strong> FREE Movie Screening</td>
<td>Edison D</td>
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**FRIDAY, MARCH 30**

<table>
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<tr>
<th>Event</th>
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<tbody>
<tr>
<td>Registration</td>
<td>2nd Floor</td>
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<tr>
<td>General Session &amp; Keynote: Hal Davidson</td>
<td>Edison D</td>
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<tr>
<td>Beverage Break</td>
<td>Ballroom Foyer</td>
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<tr>
<td>Morning Sessions</td>
<td>See AcademicExperts.org</td>
</tr>
<tr>
<td>FREE National Air &amp; Space Museum Tour</td>
<td>Meet in Lobby</td>
</tr>
<tr>
<td><strong>Social Event:</strong> Closing Happy Hour &amp; Invitation to SITE 2019 in Las Vegas!</td>
<td>Edison D</td>
</tr>
</tbody>
</table>

Find it online at academicexperts.org/conf/SITE/2018/
President’s Welcome

Welcome to SITE 2018! I am excited you are joining us for SITE 2018 in the nation’s capital, Washington DC. For 29 years, the SITE conference has become the place where teacher educators and others interested in technology and teacher education report research findings, share innovative practices, and network with colleagues from all over the world. SITE 2018 will not disappoint, as we have a program full of motivating speakers, exciting professional development sessions, and worthwhile networking opportunities.

Be sure to take full advantage of the “total” SITE conference experience, with events scheduled from morning until night! We have a great collection of pre-conference workshops, keynotes, invited speakers, concurrent sessions and roundtable discussions – all focused on moving the dialogue and scholarship focused on technology in teacher education forward.

Plan to attend the evening events which include an opening reception “Disco Night in DC” on Tuesday, the Posters/Demonstrations on Wednesday, and a movie screening or sightseeing riverboat tour on Thursday night. You have several opportunities to see why SITE is referred to as the “Friendly Society”!

SITE has 32 special interest groups (SIGs)! Try to attend at least one SIG meeting so you can meet colleagues with similar scholarship interests and learn about the many initiatives and good work being done by these important groups. Your involvement with our SIGs is key to having a successful SITE conference experience. Also, be sure you complete your Academic Experts profile and use it to connect with others and to plan your daily conference itinerary.

SITE 2018 will be “paperless” this year, so it will be important to plan ahead using Academic Experts! We value your membership and thank you for attending SITE 2018. Please let others know what you were up to during the conference by using #SITEconf!

Denise Crawford
SITE President
Iowa State University

CONFERENCE TOPICS

Each paper is listed with its primary topic code to the left of the title. However, papers may have multiple topics. Please visit AcademicExperts.org to view all paper topics.

Academicexperts.org/conf/site/2017/topics/

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<tr>
<th>CODE</th>
<th>INFORMATION TECHNOLOGY TOPICS</th>
<th>CODE</th>
<th>TEACHER EDUCATION TOPICS</th>
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<tbody>
<tr>
<td>CT</td>
<td>Computational Thinking</td>
<td>AF</td>
<td>African Perspective</td>
</tr>
<tr>
<td>DV</td>
<td>Digital Storytelling/Video</td>
<td>ASSES</td>
<td>Assessment and E-Folios</td>
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<tr>
<td>DE</td>
<td>Distance/Flexible Education</td>
<td>AT</td>
<td>Assistive Technology</td>
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<tr>
<td>EQ</td>
<td>Equity &amp; Social Justice</td>
<td>CREATE</td>
<td>Creativity</td>
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<td>GS</td>
<td>Games &amp; Simulations</td>
<td>ECE</td>
<td>Early Childhood Education</td>
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<td>GE</td>
<td>Faculty Development</td>
<td>EE</td>
<td>English Education</td>
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<td>INTL</td>
<td>International Education</td>
<td>GEO</td>
<td>Geospatial Education</td>
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<tr>
<td>K12</td>
<td>K-12 Online Learning</td>
<td>IL</td>
<td>Information Literacy Education (Library &amp; Media Science)</td>
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<tr>
<td>ML</td>
<td>Mobile Learning</td>
<td>MAKE</td>
<td>Maker (Formerly Engineering Education)</td>
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<tr>
<td>NPI</td>
<td>New Possibilities with Information Technologies</td>
<td>ME</td>
<td>Mathematics Education</td>
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<tr>
<td>EVAL</td>
<td>Research &amp; Evaluation</td>
<td>SE</td>
<td>Science Education</td>
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<td>LEAD</td>
<td>Technology Leadership</td>
<td>SOC</td>
<td>Social Studies Education</td>
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<td>WTE</td>
<td>Wearable Technology</td>
<td>SOCIAL</td>
<td>Social Media</td>
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<td>WE</td>
<td>Workforce Education</td>
<td>SPE</td>
<td>Special Education</td>
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<td></td>
<td>TLET</td>
<td>Teaching &amp; Learning with Emerging Technologies</td>
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<td>TPACK</td>
<td>Technological, Pedagogical And Content Knowledge (TPACK)</td>
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<td></td>
<td></td>
<td>UDL</td>
<td>Universal Design for Learning</td>
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</tbody>
</table>
Keynote Speakers

Tuesday, March 27
Jaime Casap
Google Education

Wednesday, March 28
Karen Cator
Digital Promise

Thursday, March 29
Richard Culatta
ISTE President

Friday, March 30
Hall Davidson
Discovery Education

All Keynotes will be in Edison D at 8:30 AM.

Invited Speakers

Tuesday, March 27
1:45 PM
Charlie Fitzpatrick
Esri
Explorers, Thinkers, and Problem Solvers Get GIS, Sometimes Before Their High School Diploma

Thursday, March 29
3:00 PM
Kristina Ishmael
New America
One Resource At A Time

Invited Speakers will present in Edison B.
Outstanding Papers

Tuesday, 10:15 AM, in Banneker
The Role of Design Features in the Affordances of Digital Math Games (51708)
Patricia Moyer-Packenham, Christina Lommatsch, Kristy Litster, Jill Ashby, & Allison Roxburgh, Utah State University, United States

Tuesday, 3:00 PM, Room, in Whitney
Promise and Parameters: Digital Badges for Ongoing Professional Learning (51749)
Mark Hofer, Jessica Duggan, & Todd Moellendick, College of William & Mary, United States

Wednesday, 2:15 PM, in Whitney
Promoting Teachers’ Identity Exploration: The Way Forward in Teacher Education for Game-Based Learning (52183)
Mamta Shah, & Aroutis Foster, Drexel University, United States

Wednesday, 4:45 PM, in Edison A
Pre-service Teachers’ Use of and Image Conveyed by Social Media (52439)
Marlynn Griffin & Cordelia Zinskie, Georgia Southern University, United States

Thursday, 4:45 PM, in Wright
Student Expectations and Patterns of Instructional Activities with iPad-Cart Integration in Multi-School Secondary Classrooms (52152)
C. Candace Chou, University of St. Thomas, United States, Lanise Block, University of St. Thomas, United States

Friday, 10:15 AM, in Edison G
Impact of Prior Knowledge, Course Design, and Technology Preparation on Pre-service Teachers’ TPACK Development in a Required Educational Technology Course (52047)
Yi Jin, Sonoma State University, United States, & Denise Schmidt-Crawford, Iowa State University, United States

NTLI Fellows Award Papers Symposium

Since 2000, SITE has collaborated with four teacher education associations representing the content areas of mathematics, science, English language arts, and social studies education through the National Technology Leadership Initiative (NTLI). The NTLI Fellowships were established to recognize exemplary presentations of each of these organizations and are chosen by the associations.

All NTLI Fellows Award papers will be presented Thursday, March 29 in Edison A.

10:15 AM-10:45 AM
John C. Park National Technology Leadership Initiative Fellowship Award Winner
A Curriculum-linked Professional Development Approach to Support Teachers’ Adoption of Socio-Environmental Science Investigation [53217]
Patricia Moyer-Packenham, Christina Lommatsch, Kristy Litster, Jill Ashby, & Allison Roxburgh, Utah State University, United States

10:45 AM-11:15 AM
National Council of Teachers of English Conference on English Education (CEE) Fellowship Award Winner
#NoDAPL: Consciously designing culturally situated resistance pedagogy for 21st century youth [53198]
Becky Beucher, Illinois State University, USA

11:30 AM-12:00 PM
College and University Faculty Assembly (CUFA) Fellowship Award Winner
Making the Invisible Visible: Evaluating the Use of Mixed Reality to Teach a Forgotten Local History – School Segregation with Fifth Graders [53141]
David Hicks, Virginia Tech, Aaron Johnson, University of Nebraska-Lincoln, Todd Ogle, Virginia Tech, Thomas Tucker, Virginia Tech, Stephanie van Hover, University of Virginia, Eric Ragan, Texas A&M University, Doug Bowman, Virginia Tech, USA

12:00 PM-12:30 PM
The Association of Mathematics Teacher Educators (AMTE) Fellowship Award Winner
Preservice Mathematics Teachers’ Professional Noticing of Students’ Mathematical Thinking with Technology [52481]
Jennifer N. Lovett, Middle Tennessee State University, Lara K. Dick, Bucknell University, Allison W. McCulloch, University of North Carolina at Charlotte, Milan F. Sherman, Drake University, Kristi Martin, NC State University, USA
Virtual Presentations have been added to the program with the same validity (review policy, publication, certification, etc.) as the face-to-face conference and with the capability to interact with session participants.

academicexperts.org/conf/site/2018/virtual/

Academic Experts

Read comments, discuss papers, engage in dialogue with authors at: academicexperts.org/conf/site/2018/discussions/

(Virtual presentations are listed below in alphabetical order by last name of the first author.)

IL The SWOT (Strength, Weakness, Opportunities, Threats) of Digital Citizenship in Education [52772]
    Maria Bhattacharjee, Irene Chen, University of Houston Downtown, USA

IL Cyber Ethics and Its Implications to Schools [52775]
    Maria Bhattacharjee, Irene Chen, University of Houston Downtown, USA

DE Promoting Student Engagement and Flexible Learning at a Low-Cost: A Collaborative Project Exploring Open Educational Resources and Virtual Reality [52788]
    Terri Bethea-Hampton, Campbell University, Ashley Johnson-Holder, Fayetteville State University, USA

DE Commonsense and Artificial Intelligence Systems [52528]
    Kyle Boudreaux, McNeese State University, USA

DE Promoting Scholarly Conversations Among Preservice Teachers in an Online Graduate Program [52163]
    Qi Jie Cai, Minnesota State University, Mankato, USA

TLET The Role of Reflection in Teacher Education [52388]
    Tina Chaseley, Northern Arizona University, USA

DV Project Based Learning (PBL) With Digital Storytelling Approach: Research Results of Digital Storytelling Contest (DISTCO) PBL 2017 [52578]
    Bulent Dogan, University of Houston, USA

DE Participation in Online Discussions: Traditional vs. Nontraditional Students [52489]
    Holly Ellis, University of West Florida, USA

CREATE The Design, Development and Effect of Simulation-Based E-Learning Interactive Training on Students’ Achievement and Technological Skills [51502]
    Noran Emara, Universiti sains malaysia, Egypt

TPACK Technology Pedagogical Practices in English Classrooms: A Case Study of High School Teachers [52531]
    Brianna Gibson, Esther Ntui, Idaho State University, USA

CT The Enhancement of Computational Thinking and Computer Science in the Middle Grades: a Research to Practitioner Approach With a Focus on Professional Development for Teachers of Middle Grades [52648]
    Beverly Boals Gilbert, Arkansas State University, Daniel Moix, Arkansas School for Mathematics Sciences & Arts, Hung-Chi Su, Arkansas State University, Edward Hammond, Department of Computer Science and Technology, Arkansas State University, USA

ECE Empowering Children Through Reading Parodies in the Early Childhood Classroom [52693]
    Beverly Boals Gilbert, Arkansas State University, Su-Jeong Wee, Purdue University Northwest, Kyoung Jin Kim, Wheelock College, Boston, MA, USA

TLET Exploring the Influence of Policy on ICT Integration into Teacher Education in Malawi [52173]
    Foster Gondwe, Hiroshima University, Japan

GE Enhancing Management Education Via Intelligent Tutors [52281]
    Owen Hall, Pepperdine University, USA

CT High-Challenge and Low-Stakes: on Improving Elementary Students’ Self-Efficacy in Computing [52982]
    Karen Jin, University of New Hampshire, Diane Silva Pimentel, Brown University, USA

UDL Using Universal Design in Learning for Google Classroom [51799]
    David Hooks, San Angelo Independent School District, Lesley Casarez, Angelo State University, USA

SOCIAL New Teacher Academies: Building Digital Teacher Induction Through Blogs and Social Media [51786]
    Amanda Hurbit, Sarah McMahan, Rebecca Fredrickson, Karen Dunlap, Texas Woman’s University, USA

GE Scaffolding Knowledge From Research to Writing: the Role of Reflection in Turning Doctoral Candidates into Graduates [52527]
    Marianne Justus, University of Phoenix, USA

ML Creating an Evidence-Based Framework for Selecting and Evaluating Mathematics Apps [51623]
    Robin Kay, Jae Kwak, UOIT, Canada

CT A Digital Storytelling Framework for the Acquisition of Basic Pipelining Thinking Skills by K-12 Students [52507]
    Maria Kordaki, University of the Aegean, Greece, Greece

SE Making Connections: Evaluation of Integrated STEM Professional Development [51670]
    Judy Lambert, University of Toledo, Alan Gong, Keene State College, Michelle Arbogast, University of Toledo, USA

DE Distance Learning Organizational Structures – Where is the LMS? [51846]
    Xuemei Li, Norfolk State University, USA

GS Effectiveness of Educational Video Games in Vocabulary Acquisition: An Experimental Design [52487]
    José Martí-Parreño, Emesto Méndez-Ibáñez, Universidad Europea de Valencia, Joaquin Aldás-Manzano, Universitat de València, Spain

TLET Using Digital Badges As an Innovative Way to Promote Values Centered Behaviors [52612]
    Jennifer Millikan, Melissa Brydon, Regis University, USA

TLET Piloting Collaborative STEAM/ROBOTICS Programs at a Rural Midwestern School: an Agenda for Research [52696]
    Jacqueline Kaminski Mumford, Walsh University, Bridget Scifinsky, West Branch Local Schools, USA

TLET Innovation Lab: Implementing STEM/STEAM Classes As “Specials” in a Rural Elementary School [52692]
    Jacqueline Kaminski Mumford, Walsh University, USA

TLET Frontal Cortex Activation Measured by Near-Infrared Spectroscopy While Cutting Wood According to different Teaching Methods [52500]
    Shunsuke Katayama, Tsukuba Municipal Kouki Gakuen Teshirog Junior High School, Takashi Usuzaka, Hiroaki Shoji, Faculty of education, Ibaraki University, Japan

EVAL Social Presence: a Scoping Review [52431]
    David Mykota, Dept. of Educational Psychology & Special EducationCollege of Education University of Saskatchewan, Canada

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<th>Conference</th>
<th>Title</th>
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<tr>
<td>IL</td>
<td>Meeting Students Where They are: Library Orientation &amp; Augmented Reality an Exploratory Case Study</td>
<td>Anjum Najmi, Texas A&amp;M Commerce, USA</td>
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<tr>
<td>WTE</td>
<td>Wearable Technology: Improving Mathematical Classroom Discourse Using Pivothead Eyeglasses</td>
<td>Esther Ntuli, Angie Godfrey, Idaho State University, USA</td>
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<tr>
<td>TLET</td>
<td>A Preservice Teacher’s Teaching and Learning Experiences in an Online Teaching Environment</td>
<td>Ho-Ryong Park, Murray State University, USA</td>
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<tr>
<td>TLET</td>
<td>The Effects of the Multimedia, Modality, and Redundancy Principles in a Computer Based Environment on Adult Learners</td>
<td>Ray Pastore, University of North Carolina Wilmington, Jessica Briskin, Penn State University, Tutaiken Asino, Oklahoma, USA</td>
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<tr>
<td>TLET</td>
<td>Getting Ink Done - Digital: a Tool for Efficient Feedback and Assessment</td>
<td>Jay Percell, Illinois State University, USA</td>
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<tr>
<td>ME</td>
<td>Some Potentials of the R-Project Environment for Teachers’ and Students’ Education in Mathematics, Algorithms’ Programming and Dynamic Website Development</td>
<td>Georg Peters, Tom Rueckert, Munich University of Applied Sciences, Germany; Jan Seruga, Australian Catholic University, Australia</td>
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<tr>
<td>SOCIAL</td>
<td>Implementing a Cyber Safety Curriculum With Middle School Students</td>
<td>Teresa Petty, Florence Martin, Chuang Wang, Chao Wang, UNC Charlotte, USA</td>
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<tr>
<td>ME</td>
<td>Using “MyOpenMath” to Create a “Zero Text Book Cost” Section for “Introduction to College Mathematics” in Hostos Community College</td>
<td>Tanvi Prince, Hostos Community College, City University of New York, USA</td>
<td></td>
</tr>
<tr>
<td>DV</td>
<td>Digital Storytelling Activities: Direct and Indirect Educational Benefits</td>
<td>Panagiotis Psomos, Maria Kordaki, University of the Aegean, Greece</td>
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<tr>
<td>CREATE</td>
<td>Design Thinking: Empathy Through Observation, Experience, and Inquiry</td>
<td>Paul Skaggs, Brigham Young University, USA</td>
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<tr>
<td>AT</td>
<td>Online Community of Practice for Professionalization of Jewish and Arab Teachers: Effects on Emotional Presence</td>
<td>Lior Solomovich, Kaye Academic College of Education, Israel</td>
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<tr>
<td>GE</td>
<td>Technology Explorations in the Curriculum Design of Qualitative Research Coursework</td>
<td>Aubrey Statti, The Chicago School of Professional Psychology, USA</td>
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<tr>
<td>DE</td>
<td>How to Train Faculty When There Isn’t Time</td>
<td>Claire Stuev, Shagufa Sami, The University of Toledo, USA</td>
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<tr>
<td>TLET</td>
<td>Intentional Use of Technology to Achieve Critical Thinking As a Learning Outcome</td>
<td>Ruth Swart, University of Calgary, Canada</td>
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<tr>
<td>ME</td>
<td>Preparing High School Students for Transition to College-Level Math Curriculum: Solutions for Effectively Integrating Technology</td>
<td>Samantha Tackett, Florida State University, Kelly Torres, The Chicago School of Professional Psychology, Meagan Arrastia-Chisholm, Valdosta State University, USA</td>
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</table>

Virtual Presentations have been added to the program with the same validity (review policy, publication, certification, etc.) as the face-to-face conference and with the capability to interact with session participants.

academicexperts.org/conf/site/2018/virtual/

Academic Experts

Read comments, discuss papers, engage in dialogue with authors at: academicexperts.org/conf/site/2018/discussions/
Workshop 1 runs 8:00 AM - 5:00 PM.
All other Workshops will run concurrently, 1:30 - 5:00 PM.

ROOMS

Wright

Workshop 1: Make to Learn: Invention Kit *(FREE)*
David Slykhuis, James Madison University, & Glen Bull, University of Virginia, USA

Invention Kits allow students to use school makerspaces to reconstruct historic inventions such as the telephone, the telegraph, and early electric motors. Participants in the Invention Kit workshop will each receive two kits and also receive design software that will be used in the workshop. Middle school students from the Laboratory School for Advanced Manufacturing in Charlottesville, Virginia will serve as mentors, collaborating with teams of participants to design new mechanisms and inventions. Participants will have opportunities to explore resources on the Smithsonian X 3D web site that support use of Invention Kits in schools.

Banneker

Workshop 2: Breakout EDU: Try Something Different
Denise Schmidt-Crawford, Iowa State University, & Carrie Hillman, Nevada Community School District and the Iowa Technology & Education Connection, USA

Breakout EDU is an immersive learning game platform that can be used to facilitate content-area classroom challenges, much like an escape room concept. These challenges promote inquiry, critical thinking, collaboration, and creativity. Learn how to use and create these game-based learning experiences to support learning and teaching throughout a teacher preparation program. In this workshop, participants will experience a breakout and will learn how to design their own breakout games.

Bell

Workshop 3: Leading the Way: Preparing Teacher Candidates for Blended Learning
Jayme Linton & David Schouweiler, Lenoir-Rhyne University, USA

This hands-on, minds-on design workshop will provide participants with the opportunity to discuss, explore, critique, and reflect on methods and resources for preparing teacher candidates for success in blended learning environments. The goal of this session is building capacity in teacher educators to prepare teacher candidates for innovative K-12 settings. Participants will discuss what blended learning is and is not, view examples from K-12 blended classrooms, and explore methods and resources for preparing teacher candidates to design and facilitate instruction in blended settings.

Edison E

Workshop 4: Engaging Digital Natives in an Educational Setting
Shonda Brooks & Tarrah Davis, University of Louisiana at Lafayette, USA

Using various free and widely available technologies, educators can transform their learning environments from stagnant places of rote memory that do not engage Digital Natives to dynamic spaces that engage, support, and challenge learners. Digital Natives are used to instant and unfettered access to information, multitasking, dynamic graphics, and nonlinear learning. Digital Immigrants will explore and apply digital resources to create innovative and meaningful learning environments to accommodate the needs of diverse Digital Natives.

Whitney

Workshop 5: Expanding the Walls of the Classroom: Creating a Digital Learning Portfolio Using Google Sites
Gabrielle Read, University of Louisville, USA

Expand the walls of your classroom! Students and teachers of all ages can create a digital learning portfolio to share with family, friends, and for potential interviews and applications. In this 35 hour BYOL—Bring Your Own Laptop session, participants will create an online learning portfolio using Google Sites. This workshop is appropriate for all levels of technology learners. Participants have the option to create a digital learning portfolio for “Max/Maxine,” a fictitious student in their classroom to showcase their work.

Workshops 2-5 require a separate registration fee.
Please see the SITE Registration Desk to add any workshop.
TUESDAY, MARCH 27 – CONCURRENT SESSIONS

**Tuesday, March 27**

Registration ..........................................................7:30 AM-5:15 PM
Good Morning Beverage ..............................................8:00-8:30 AM

**8:30-9:45 AM**

**Edison D / Keynote**

Welcome, Opening General Session, & Keynote: Jaime Casap, Google Education, USA

**9:45-10:15 AM**

**Edison D**

Newcomer Welcome
We’re glad you’re here! Join us at the Newcomer Welcome session for a fun and interactive event that will get you acquainted with SITE! Hosted by SITE Executive Committee members.

**10:15 AM-11:15 AM**

**Edison B / Keynote Conversation**

Iteration and Innovation in Education [53189]
Jaime Casap, Google Education, USA

**Edison F / Panel**

K12 Informing Practice, Policy, and Further Research in K-12 Online and Blended Learning [51693]
Kathryn Kennedy, Michigan Virtual Learning Research Institute, Jered Borup, George Mason University, Rebecca Parks, Mansfield University, Kerry Rice, Boise State University, USA

Wright / Full Papers

EQ Impact of After-School Learning Programs on High School Girls’ Confidence and Interest in Computing [52084]
Swati Mehta, Jonathan Good, Phil Sands, Aman Yadav, Sarah Grettler, Michigan State University, Janice Levenhagen-Seeley, ChickTech, USA

Banneker / Full Papers

GS Education Applications of 3D Technology [51922]
Arita Ghosh, Victoria Brown, Shihong Huang, Florida Atlantic University, USA

Edison A / Full Papers

GS Personal, Technological, and Motivational Factors Influencing Teachers’ Attitude Towards Educational Video Games [52485]
José Martí-Parrero, Universidad Europea de Valencia, María José Miquel-Romero, Universitat de València, Spain; Antonio A. Sánchez-Mena, Laureate International Universities, USA

TPACK Domain-Specific Aspects of Technological Pedagogical Content Knowledge: the Importance of Affect in Technology-Enhanced Music Teaching [52513]
Elena Macrides, Charoula Angelii, University of Cyprus, Cyprus

Edison C / Full Papers

INTL An Interest-Directed Teaching Model to Improve Students’ Motivation for Learning [51895]
Shanshan Ma, Lin Lin, University of North Texas, USA

DV Video Re-Use in Mathematics Teacher Education [52119]
Kara Suzuki, University of Hawai‘i at Mānoa, Rebecca Frank, Erica Crawford, Elizabeth Yakel, University of Michigan, USA

**Edison E / Full Papers**

K12 Blended Teaching Readiness: Instrument Development [51994]
Charles R. Graham, Brigham Young University, Jered Borup, George Mason University, Emily Pulham, Ross Larsen, Brigham Young University, USA

K12 Virtual Schools in the US: Case Studies of Policy, Performance and Research Evidence [52096]
Michael Barbour, Touro University, California, Luis Huerta, Teachers College, Columbia, Gary Miron, Western Michigan University, USA

**Edison G / Full Papers**

ML Story-Driven Design Using Mobile Technologies in Transmedia Practice for Multiliteracy Development [51824]
Maria Spante, University West, Eva Jacquet, Stockholm University, Eva Lindaqvist, Swedish National Agency for Education, Sweden

CT Developing Third-Grade Students’ Computational Thinking Skills With Educational Robotics [51833]
Charoula Angelii, Eria Makridou, University of Cyprus, Cyprus

Bell / Full Papers

NPI Opportunities and Challenges of Using Technology to Teach for Global Readiness in the Global Read Aloud [51706]
Jeffrey Carpenter, Sydney Weiss, Julie Justice, Elon University, USA

TLET The Digital Learning Framework: What Digital Learning Can Look Like in Practice, an Irish Perspective [52033]
Deidre Butler, Dublin City University, Institute of Education, Michael Hallissy, John Hurley, H2 Learning, Ireland

**Edison Ballroom D / Roundtable**

#1 DE The Use of Live Classes, Discussions, Email, and Announcements to Promote Student Engagement in Online Courses [52273]
Antonette Marie Davis, Sullivan University, USA

#2 DE Augmented Reality Guided Video Tours for Greater Social to Cognitive Learner Engagement in Communities of Inquiry [52734]
Susan Ewell, Texas A&M University Corpus Christi, USA

#3 EVAL Assessing Motivations for Learning Informatics and Possible Influences of Parents’ Interests in Technology Among Japanese Junior High Students [52412]
Takahisa Furuta, Megumi Fujiki, Education, Gunma University, Japan; Gerald Knezek, University of North Texas, Rhonda Christensen, Institute for the Integration of Technology into Teaching and Learning, USA

#4 IL Development of a Joint School Librarian/Technology Specialist MA [52379]
Cindy Anderson, Barbara Anderson, Roosevelt University, USA

#5 K12 Exploring the Effectiveness of Blended Learning Communities in K-12 Settings [52415]
Richard Hartshorne, University of Central Florida, Raquel Pesce, Florida Virtual School, Nicole Damico, University of Central Florida, April Fleetwood, Florida Virtual School, USA

#6 CT Computational Thinking and Teacher Training: an Examination of a Pd Model [52336]
Qing Li, Laila J. Richman, Scot McNary, Towson University, USA

#7 DE Take a Closer Look at Remote Proctoring: How Do Universities in the United States Test Online Courses? [52609]
Ping Wang, Leping Liu, Karen Pugh, University of Nevada, Reno, USA

#8 ME Geometric Transformations in Scratch Programming: A Teacher Resource [52370]
Kathryn Shafer, Ball State University, USA

**Whitney / Brief Papers**

DE Making Blended Learning Decisions Based on Desired Learning Levels [52574]
Richard Vranesh, CSSI, USA

DE A Method for Assessing the Complexity of Pedagogical Interventions in Videoconferencing Learning Environments [52699]
William Cain, Michigan State University, USA

INTL Establishing an International Technology-Infused Classroom of the Future [52301]
Mike Searson, Kean University, USA; Philip Connelly, Wenzhou-Kean University, Huang Maofa, Peking University New Century School, China

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11
TUESDAY, MARCH 27 – CONCURRENT SESSIONS

11:30 AM-12:30 PM

Edison B / Invited Panel
‘Breakout’ the TETCs – Teacher Educator Technology Competencies [5319]
Tereea Fougler, Arizona State University, Kevin Graziano, Nevada State College, David Slykhuis, University of Northern Colorado, Denise Crawford, Iowa State University, USA

Edison F / Panel
TLET Blended Learning for Diverse Students: Exploring Issues of Cultural Responsiveness, Personalization, Inclusion, and Access [58115]
Mary Rice, University of New Mexico, Sherry Bell, North Carolina Virtual Public Schools, Irma Brasseur-Hock, University of Kansas, Clarice Moran, Kennesaw State University, DeLaine Tonks, Mountain Heights Academy, West Jordan Utah, USA

Wright / Full Papers
TLET Learning to Teach Computer Science: Professional Development Design and Teacher Outcomes [51983]
Chryssella Mouza, Diane Coddington, Lori Pollock, University of Delaware, USA

GEO Articulating a Novice-Expert Paradigm for GIS Use in Secondary Science and Social Studies Classrooms [52093]
Thomas Hammond, Alec Bodzin, Lehigh University, USA

Banneker / Brief Papers
GS Creation of Online Learning Games by Students With Learning Difficulties [51705]
Hagit Meishar-Tal, Holon Institute of Technology (HIT), Israel

GS Mediators of Learning in Game-Based Mathematics Apps [51709]
Patricia Moyer-Packenham, Kristy Lister, Christina Lommtaseth, Jill Ashby, Allison Roxburgh, Utah State University, USA

GS Playful Assessment for Evaluating Teachers’ Competencies for Technology Integration [51845]
Beomkyu Choi, Grand Valley State University, USA

Edison A / Best Practices
GE Online Professional Development for Part-Time Instructors: FaculTEA [51761]
Michelle Bartlett, North Carolina State University, USA

GE The Mindful Educator in an Online Environment: Language to Promote Learning [52146]
Adolfo Prieto, California State University, Fullerton, USA

DV Digital Show and Tell: Digital Journaling With Interactive Whiteboard Apps for Formative Assessment [51835]
Deborah Kozdras, University of South Florida, Gus A. Stavros Center, Christine Joseph, East Carolina University, USA

Edison C / Brief Papers
INTL Global Collaborative Learning Support System for the Better Understanding of Multiple Cultures [51848]
Yumi Ishige, Otamae University, Yoshiko Goda, Kumamoto University, Masanori Yamada, Kyushu University, Junko Handa, Meiji University, Japan

LEAD Raja Soliman Science and Technology High School Teachers’ Best Practices and Challenges in Teaching With Technology: a Basis for Proposal of Teaching With Technology for Teacher Training Program (TAP) [52117]
Vivian Intatano, Raja Soliman Science and Technology High School, Philippines

EQ Technology Accessibility: a Social Justice Concern for K-12 Instructional Technology and Teacher Education [52508]
Natalie Shaheen, Sarah Lohnes, Tatiana Watzuk, Towson University, USA

Edison E / Brief Papers
K12 Never the Twain Shall Meet? Comparing Online Learning in Higher Education & K-12 [52017]
Keryn Pratt, Sandra Williamson-Leadley, University of Otago, New Zealand

K12 Why Theoretical Perspectives Need to Frame K-12 Online Learning [52071]
Leslie Pourreau, Anissa Lokey-Vega, Iván Jorrín-Abellán, Kennesaw State University, USA

K12 Examining the Validity of the INACOL Standards: Improving K-12 Online Course Design [52094]
David Adelstein, Jinsong Schools, China; Michael Barbour, Touro University, California, USA

Edison G / Brief Papers
ML A Quantitative Examination of Mobile Game Players, Their Gaming Habits, and the Potential of Mobile Games for Learning [51685]
Boaventura DaCosta, Solers Research Group, USA; Sookhwa Seok, Korea University, Korea (South)

WE Teaching Old Dogs New Tricks: Creating a Cybersecurity Program at the University of Hawaii [52437]
Claire E. Cuccio, University of Hawaii, USA

GS Empathetic Play: Proposal of an Interactive Storytelling Game As an Intervention to Cyberbullying [52025]
Matthew Nowatzke, Larysa Naidoily, Iowa State University, USA

Bell / Brief Papers
NPI A Case Study in Flipped Tutoring Development, Implementation and Evaluation of a Flipped Classroom Approach to English Language Tutoring [51496]
Phillip Gunel, Joshua Weidlich, Fennuniversitaet in Hagen, Theo Baslaien, Fennuniversitaet in Hagen (Germany) and Open University of the Netherlands (The Netherlands), Germany

NPI Use of Cloud Computing Technology in Education: a Structural Equation Modelling Approach [51676]
Kashif Syed, King Fahd University of Petroleum and Minerals, Saudi Arabia

NPI When at Crossroads of L2 Tasks and Technology: a Critical Review of Implementing Technology-Mediated Task-Based Language Teaching. [51752]
Nadia Jaramillo-Chavez, Iowa State University, USA

Edison Ballroom D / Roundtables
#1 CT Eye Tracking in Assessing Computational Thinking [52460]
Abdu Arslan Ilmaz, Bonita Shafir, Youngstown State University, USA

#2 K12 INNOVATE, a Professional Development Course in the K-12 Online Context: a Design Case [52468]
Kyle Sanders, Kennesaw State University, Kimberly Bondeson, Gwinnett Online Campus, Annisa Lokey-Vega, Kennesaw State University, USA

#3 LEAD Pedagogical Patterns in K12 Technology Integration [52760]
James Welsh, J. Christine Hames, Florida Center for Instructional Technology, University of South Florida, USA

#4 EVAL Can Technology Offer a Solution to Providing Large Numbers of Students With Effective Assessment Feedback? an Invitation to Create and Join a Network of Critical Friends to Provide Feedback on Feedback. [52427]
Nigel Quirke-Bott, Mary Immaculate College, Ireland

#5 DE Conducting Web Conferences to Verify Student Identity and Assess Learning Outcomes in Online Courses [52523]
Leping Liu, Li-Ting Chen, Wen Zheng Li, Cong Zou, Karen Pugh, University of Nevada, Reno, USA

#6 IL An Assessment of Media Literacy Competency and Integration into an Educational Technology Course [52195]
Diane Williams, Joanna Grymes, Arkansas State University, USA

#7 SPE Delivering Comprehensive Special Education Services in Rural America Through Technology [52748]
Larry Lowrance, Austin Peay State University, USA

#8 NPI Implementation of Technology Enhanced Active Learning (TEAL) Classrooms: Preliminary Findings [52211]
Ron Steiner, University of North Texas and Bishop Lynch High School, USA

#9 TLET Factors Influencing Preservice Teachers’ Use of Technology on School Placement - Mind the Gap [91925]
Alison Egan, Marino Institute of Education, Ann FitzGibbon, Keith Johnston, Elizabeth Oldham, Trinity College Dublin, the University of Dublin, Ireland

Whitney / Best Practices
DE Designing and Facilitating an Open Online Course for Educators: What Works? [51656]
Torrey Trust, University of Massachusetts Amherst, USA

DE Protocol for Reflection for Swivl Video Supervision [52036]
Suzanne Porath, David Allen, Kansas State University, USA

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12:30-1:45 PM

Consultative Council Meeting
Located in Hopkins Boardroom
TUESDAY, MARCH 27 – CONCURRENT SESSIONS

12:45-1:45 PM

Lunch Is On Us!

All attendees can pick up a lunch from the Edison Ballroom Foyer.

INFORMATION TECHNOLOGY SIG MEETINGS

Edison G / Computational Thinking SIG
Edison F / Digital Games & Simulations SIG
Edison E / Digital Storytelling/Video SIG
Edison D / Distance/Flexible Education SIG
Edison A / Faculty Development SIG
Edison B / International Education SIG
Edison C / K-12 Online Learning SIG
Curie / Mobile Learning SIG
Bell / New Possibilities with Information Technologies SIG
Whitney / Research & Evaluation SIG
Banneker / Technology Leadership SIG
Wright / Wearable Technologies SIG
Edison D / Workforce Education SIG

1:45-2:45 PM

Edison B / Invited Talk
Explorers, Thinkers, and Problem Solvers Get GIS, Sometimes Before Their High School Diploma [53140]
Charlie Fitzpatrick, Eslr, USA

Edison F / Panel

EQ Complicated Conversations: Faculty and Graduate Student Perspectives on the Role of Film in Understanding Diverse Field Experiences [51954]
Curby Alexander, M. Francyne Huckabay, Jayna McQueen, Texas Christian University, USA

Wright / Symposium

CT Learning and Teaching Computational Thinking – Challenges for Teacher Education [51819]
Joke Voogt, University of Amsterdam/ Windesheim University of Applied Sciences, Netherlands; Birgit Eickelmann, Amelie Labusch, Paderborn University, Germany; Aman Yadav, Michigan State University, Annette Lefthix, Indiana University, USA; Allard Strijker, Netherlands Institute for Curriculum Development, Netherlands; Kathryn Rich, Jon Good, Philip Sands, Michigan State University, USA

Banneker / Full Papers

TLET Can Digital Tools Facilitate Learning About CTE STEM Career Pathways for Middle Grades Students? [51949]
Ashley Lewis Presser, Maggie Scall, Education Development Center, USA

TLET Transforming Teacher Preparation: Assessing Digital Learners’ Needs for Instruction in Dual Learning Environments [52059]
Susan Poyo, Francisca University, USA

Edison A / Brief Papers

EQ Culturally Responsive Academic Advising: Should Race and Advising Co-Exist? [52430]
Katrina Jones Munroe, Alamo Colleges District, USA

ECE Integrating the Arts and Culture in the Early Childhood Curriculum Using 21st Century Pedagogies [52204]
Hilary Seitz, University of Alaska Anchorage, USA

EE Promoting Language Teachers’ Reflection on Technology Integration in a Video-Enhanced Online Environment [51816]
Ar-Chu Ding, Indiana University, USA

Edison C / Full Papers

LEAD School Leaders and Technology: a Review of the Literature 2010 - 2017 [51873]
Natalie Milman, George Washington University, USA

LEAD Should Colleges of Education Move From a Stand-Alone Technology Integration Course to a Technology-Infusion Approach? [52143]
Teresa Foulger, Keith Wetzel, Ray Buss, Arizona State University, USA

Edison E / Full Papers

GS QuaSim: the Development of a Virtual Simulator for Teaching Topics in Quantum Cryptography [51980]
Elliott Ostler, Abhishek Parakh, Mahadevan Subramaniam, University of Nebraska at Omaha, USA

GS Developing Science Identities Through Games: an Analysis of Game Design Features That Support Identity Exploration [52143]
Ariolis Foster, Amanda Barany, Mamta Shah, Tamara Galoyan, Healthy Moeung, Sally Im, DonEli Brown, Micah Watanabe, Drexel University School of Education, USA

Edison G / Full Papers

K12 Comparing Competencies for Teaching in Online, Blended, and Technology Integrated Contexts [52070]
Emily Puffham, Cecil R. Short, Charles R. Graham, Instructional Psychology and Technology, Brigham Young University, USA

CT Computational Thinking, Redefined [52664]
Osman Yasar, State University of New York College at Brockport, USA

Bell / Brief Papers

CT Investigation into Parents’ Concerns About Programming Education in Japanese Primary School [52526]
Yukiko Motamayama, Tohoku University, Kinya Adachi, Sagami Primary school, Japan

GE Evaluating University Facilitators’ Perceptions of Video As an Observational Tool [51814]
Lindsay Zurawski, Debra Sprague, Andrew Porter, Kamilah Williams, George Mason University, USA

GE But Why Do I Need to Teach Technology in My Content Methods Class?: a Model for Side Coaching and Technology Integration for Teacher Educators [51805]
Marie Heath, Pamela Segal, Rob Caples, Towson University, USA

Edison Ballroom D / Roundtable

#1 MAKE Engaging Preservice Teachers in the Makerspace: Embracing the Maker Movement in a Multi-Level Teacher Preparation Program [52585]
Josh Corbat, Cassandra Quinn, The University of North Carolina at Chapel Hill, USA

#2 LEAD When instructors and Students are in “KAHoot” Engagement in Learning Increase: Fact or Fiction Regarding Formative Assessment [52394]
H. Steve Leslie, Arkansas State University, College of Business, Department of Management & Marketing, Natalie Johnson-Leslie, Arkansas State University, Department of Teacher Education, USA

#3 ML Interactive Presentation Tools Using Mobile Devices [52265]
Yue Dong, Natalia Kavur, Michael Sentell, Jeesa Ott, Ohio University, USA

#4 GE Graduate Students’ Perception of Multicultural Instructional Strategies [51715]
Tinukwa Boulder, Gannon University, Mabel CPO Okie, Mississippi State University, James Boulder, Edinboro University, Edinboro, PA., USA

#5 TLET Teaching and Learning Using an E-Learning Model: a Case Study in Supply Chain Management [52420]
Emilee Semple, Wei-Fan Chen, The Pennsylvania State University, USA

#6 SE Resources Needed by Teachers to Promote STEM in Their Classroom [51947]
David Brown, The University of Tulsa, Justin McCrackin, Oklahoma State University, Janet Cains, The University of Tulsa, USA

Whitney / Brief Papers

TLET Using Information Technology to Prepare Students for edTPA Teacher Performance Assessment [51758]
Carol Ciotti, Claude Abbott, Central CT State University, USA

EVAL Preservice Teacher Certification Exam Preparation Using Online Vocabulary Fluency-Building Games [52421]
Mary Lasater, Sherry Vafa, University of Houston-Victoria, USA

DV Story in Interdisciplinary and STEM Contexts: for Problem-Solving [51841]
Glenda Gunter, Laurie Campbell, University of Central Florida, USA

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Beverage Break: 2:45-3:00 PM
TUESDAY, MARCH 27 – CONCURRENT SESSIONS

3:00-4:00 PM

**Edison B / Panel**

**NPI**

Microcredentials- Promises, Potential, Perils, and Pitfalls [52037]
Jerrod Borup, George Mason University; Richard Hartshorne, University of Central Florida; Jonathon Cohen, Georgia State University; Cll Mims, Brigham Young University; David Slykhuis, University of Northern Colorado, USA

**Edison F / Panel**

**GE**

Faculty Development: Global and Multicultural Prospective [52054]
Miri Shonfeld, Kibbutzim College of MOFET; Eitan Rozner, Tami Seiffert, Kibbutzim College of Education, Israel; Antonio Calderon, University of Limerick, Ireland; Naim Nagimi, Arabic College Haifa, Israel

**Wright / Symposium**

**CT**

Learning and Teaching Computational Thinking – Challenges for Teacher Education [53143]
Joke Voogt, University of Amsterdam/Windesheim University of Applied Sciences, Netherlands; Birgit Eckelmann, Amelie Labusch, Paderborn University, Germany; Aman Yadav, Michigan State University, Anne Leftwich, Indiana University, USA; Allard Srijker, Netherlands Institute for Curriculum Development, Netherlands; Kathryn Rich, Jon Good, Phil Sands, Michigan State University, USA

**Banneker / Brief Papers**

**DE**

Using Reflections and Questioning to Engage and Challenge Online Graduate Learners [51764]
Yuliang Liu, Southern Illinois University Edwardsville, USA

**DE**

Educational Design – Student Teachers Develop Digital Curricula [52294]
Hans van Bergen, Utrecht University of Applied Sciences, Stephanie Edwards, University of Applied Sciences, Utrecht, Netherlands

**NPI**

School Communication 2.0: Exploring Recommended Social Media Practices [52521]
Heather Bowman, Michelle Giles, Amy Orange, Jana Willis, University of Houston-Clear Lake, USA

**Edison A / Brief Papers**

**EQ**

Mobile Applications and Online Games As Sociocultural Influencers in STEM [52118]
Laurie O’Campbell, Lindsay Pulse, The University of Central Florida, Christine Herlihy, University of Central Florida, USA

**EVAL**

A Needs Analysis of Technology Integration Across Teacher Preparation Programs at One University [52655]
Lisa Heaton, Tina Allen, Marshall University, USA

**Edison C / Brief Papers**

**GS**

Understanding High School Students’ STEM Identity, Game Play Motivations, and Game Preferences [52400]
Kathleen Jeremiassen, Amy Orange, Jana Willis, Michelle Peters, University of Houston-Clear Lake, USA

**EQ**

Going From Crawling to Run in Prison Online Education [52396]
Donald Tharp, Beth Blek-Gollak, Ashland University, USA

**Edison E / Brief Papers**

**GE**

Innovative Tactic for Educational Technology Implementation: Using Goal-Based Coaching on Placement in Australia [52262]
Leanne (Lea) Cotton, RMIT University, Australia

**GE**

Teacher Participation in Online Professional Development: Exploring Academic Year Classroom Impacts [52371]
Tom Opfer, Debra Sprague, George Mason University, USA

**GE**

Application of the Framing Routine in Online Courses to Enhance Student Understanding and Learning [52491]
Barbara Duchardt, Paula Furr, Ron McBride, Northwestern State University, Steve Horton, Louisiana School for Math, Science, and the Arts, USA

**Edison G / Full Papers**

**K12**

Evaluating Digital High School Curricula [52221]
Rachel Vannatta Reinhart, Dawn Henry, Savilla Banister, Bowling Green State University, USA

**K12**

K-12 Online Learning: Trends From Two Decades of Scholarship [52558]
Karen T. Arnesen, Joshua Hveem, Cecil R. Short, Richard West, Brigham Young University, Michael Barbour, Touro University California, USA

**Bell / Brief Papers**

**ML**

Affordances of Simultaneous Linking Features in a Base-10 Blocks Mathematics App for Young Children [51754]
Kristy Litster, Patricia Moyer-Packenham, Rachel Reeder, Utah State University, USA

**ML**

Influences of Self Efficacy on Cognitive Presence in Mobile Game-Based Instruction [52569]
Yu-Hsuan Chen, Department of Visual Communication Design, Taipei University of Maritime Technology, Chang-Hwa Wang, Department of Graphic Arts and Communications, National Taiwan Normal University, Taiwan

**ML**

From Virtual to Real: a Literature Review of Augmented Reality Implementations for Informal Learning [52632]
Mark Petrovic, Mamta Shah, Aroultis Foster, Drexel University, School of Education, GLIDE Lab, USA

**Whitney / Full Papers**

**DE**

Promise and Parameters: Digital Badges for Ongoing Professional Learning [51749]
Mark Hofer, College of William and Mary, Jessica Duggan, Todd Moelendick, College of William & Mary, USA

**DE**

Designing Online Learning Environments to Improve Students’ Performance in Graduate Statistics Courses [51960]
Zhiang Shao, Serdar Abaci, Indiana University Bloomington, USA

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4:15-5:15 PM

**Edison B / Panel**

**LEAD**

Rise of the “Teacher Influencers”: Examining the Benefits and Conundrums [51771]
Tonia A. Dousay, University of Idaho, Leigh Graves Wolf, Michigan State University, Lucy Santos Green, University of South Carolina, Tatuleni Asino, Oklahoma State University, USA

**Edison F / Panel**

**DE**

Meet the Editors: Journal Editors in Our Field [53026]
Dee Anna Willias, Paula Christensen, Northwestern State University, USA

**Wright / Brief Papers**

**CT**

On Engaging Undergraduate Business Students With Computational Thinking to Speed Up Closing the Skills Gap [52685]
Marryng Qiu, Virginia State University, Yaquan Xu, Georgia Gwinnett College, Emmanuel Omojokun, Virginia State University, USA

**CT**

Problem Solving Course Development in Computer Science Curriculum [50056]
Ben Wright, Enrico Pontelli, New Mexico State University, USA

**TPACK**

Understanding the Use of Technological Tools (iPads) Teaching a Specific Mathematics Topic Through the PCK-EC Model – Case Study [52433]
Mercy Pena-Morales, Universidad Surcolombiana, Colombia; Timothy Pelton, Leslee Francis-Pelton, University of Victoria, Canada

**Banneker / Best Practices**

**ECE**

BeeBots and Tiny Tots [52580]
Carol Goodpeme, KISS Institute of Practical Robotics, USA

**SOCIAL**

Expanding Professional Learning Networks Through an Institutional Twitter Hashtag [52154]
Jeffrey Carpenter, Scott Morrison, Elon University, USA

**SOCIAL**

Inclusive Participatory Learning With Social Media in the Curriculum [52659]
Sarah McPherson, New York Institute of Technology, USA
Edison A / Full Papers

K12 Cases of Quality: Case Studies of the Approval and Evaluation of K-12 Online and Blended Providers [52191]
Michael Barbour, Touro University, California, Tom Clark, TA Consulting, USA

NPI Paired Peer Feedback: a Way to Support Academic Writing in Online Graduate Courses [52269]
Laurie Sharp, West Texas A&M University, Lawrence Scott, Texas A&M University - San Antonio, USA

Edison C / Full Papers

ML Mobile Learning and Its Effects on Self-Regulated Learning and School Achievements in an EFL High School Class [52286]
Tami Seifert, Kibbutzim College of Education, Carla Har-Paz, Kibbutzim College of Education, Israel

K12 Preparing Social Studies Teachers and Librarians for Blended Teaching [52131]
Mark Stevens, Jered Borup, George Mason University, Michael Barbour, Touro University, USA

Edison E / Best Practices

NPI Revisiting Instructional Design for Adult Learners: Leveraging Technology to Maximize Learning Outcomes [52308]
Adrian Zappa, Peirce College, USA

NPI Pedagogical and Technological Decisions at the Core of Technology-Enhanced Language Learning Environments [52522]
Nadia Jaramillo Cherrez, Iowa State University, USA

Edison G / Brief Papers

DE Assessing Student Perception of Online Discussion Forums [52078]
Paula Christensen, Terrie Poehl, Karen McFerrin, Northwestern State University of Louisiana, USA

DE FlipGrid Vs Traditional Discussion Board in a Graduate-Level Course [52171]
Suzanne Porath, Kansas State University, USA

DV Web Conferencing With Asynchronous Video Formative Evaluations: Implications for Digital Storytelling, Learning Environments, and Mobile Learning, [52736]
Susan Elwood, Texas A&M University Corpus Christi, Jared Keengwe, University of North Dakota, USA

Bell / Best Practices

LEAD Best Practices for Balancing Technology Use and Safety in a Modern School [52665]
Dowayne Davis, New Jersey City University, USA

WE Ways to Use Reflections of Classroom Observations to Operationalize the ISTE Standards [52589]
J. Michael Blocher, Northern Arizona University, Shadov Armfield, Northern Arizona University, USA

WTE A Virtual Reality Teaching and Learning Platform for Medical School Education [52738]
David Dominguez, University of Illinois College of Medicine-Peoria, Shu-chen Pan, University of Illinois College of Medicine - Peoria, Jolene Harris, Matthew Bramlet, University of Illinois College of Medicine-Peoria, USA

Whitney / Full Papers

DE Designing and Delivering MOOCs That Fit All Sizes [51937]
Stella Casola, Nicoletta Di Bias, Paolo Paolini, Giuseppe Pelagatti, Politecnico di Milano, Department of Electronics, Information and Bioengineering (DEIB), Italy

ME Challenges in Mathematics Teachers' Introduction of a Digital Textbook: Analyzing Contradictions [51996]
Marie Utterberg, Martin Talivid, Johan Lundin, Berner Lindström, University of Gothenburg, Sweden

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Groups limited to 12 per session.
See SITE Registration Desk to sign up.
Wednesday, March 28

Registration ................................. 7:30 AM - 5:15 PM
Good Morning Beverage .......................... 8:00 AM - 8:30 AM

8:30 - 9:45 AM

Edison D / Keynote

General Session, Paper Awards, & Keynote
Karen Cator, Digital Promise, USA
Research and the Principles of Powerful Learning

9:45 - 10:45 PM

Edison D

Newcomer Welcome
We're glad you're here! Join us at the Newcomer Welcome session for a fun and interactive event that will get you acquainted with SITE!
Hosted by SITE Executive Committee members.

10:15 - 11:15 AM

Hopkins Boardroom / Keynote Conversation
Research and the Principles of Powerful Learning [53184]
Karen Cator, Digital Promise, USA

Edison B / Panel

EVAL A Model of Dynamic Instructional Design and Dynamic Assessment: Applied in Teacher Education Online Courses [52524]
Leping Liu, University of Nevada, Reno, USA; David Gibson, Dirk Renthali, Curtin University, Australia

Edison F / Brief Papers

EQ Hawai'i Village of Hope: Using Technology to Build Community Capacity [52543]
Kathleen Klinger, National University, USA

EQ Digital Storytelling As a Tool for Developing Diversity Awareness in Preservice Teachers [52714]
Jessica Dubois, Ball State University, USA

EQ Implementing Culturally Responsive Pedagogy in the Teacher Training Distance Programs in the Pacific Islands [52725]
Minara Mordecai, University of Hawai'i, USA

Wright / Symposium

K12 Symposium on Research in K-12 Online and Blended Learning [51691]
Kathryn Kennedy, Michigan Virtual Learning Research Institute, Rick Ferdig, Kent State University,6 Jered Borup, George Mason University, Anissa Lokey-Vega, Kennesaw State University, Leanna Archambault, Arizona State University, Amy Garrett Dikkers, University of North Carolina / Wilmington, Kerry Rice, Boise State University, Tina Heafner, University of North Carolina Charlotte, USA

Banneker / Panel

SOCIAL Using Social Media in the Classroom in the Age of Fake News [51926]
Brian Kinghorn, Marshall University, Daniel Krukka, University of North Texas, Nandita Gujar, University of Northern Iowa, Sabrina Thomas, Marshall University, USA

Edison A / Full Papers

K12 Parental Engagement at a Cyber Charter School: a Narrative Analysis of Three Cases [52122]
Jered Borup, Sheal Walters, Meagan Call-Cummings, George Mason University, USA

INTL International Students' Use of Technology for Learning and Communication in Their Home Countries and the US: Implications for Administrators, Faculty and Students [51916]
Crystal Machado, Abdulsalami Ibrahim, Indiana University of Pennsylvania, USA
WEDNESDAY, MARCH 28 – CONCURRENT SESSIONS

10:15-11:15 AM

Whitney / Brief Papers
DE Setting Students Up for Success or Failure? Challenges Encountered by Online Students [52742]
Ahmed Alani, University of Kansas, USA
DE Best Practices to Secure User Privacy From Internet Attacks on E-Learning [52767]
Ali Alkuzimi, Florida Atlantic University, USA
DE K12 Educators Identify Benefits and Challenges in a MOOC: Designing a Coding Set for Understanding Online-Delivered Teacher Professional Development [52801]
Nathaniel Otsashwedi, Alhassana University, Canada; Gerald Ardito, Pace University, USA; Martha Cleveland-Innes, Alhassana University, Sarah Gauvreau, Contact North, Canada

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11:30 AM-12:30 PM

Edison B / Brief Papers
DV Using Video-Making As a Tool for Empowering Students to Self-Assess Social Emotional Learning Skills [52645]
Lee Montgomery, Southern Utah University, USA
DV Toward a Comprehensive Framework for Designing and Developing Educational Infographics [52758]
Wejdan Almuione, Virginia Tech, Ali Alshammari, Purdue University, USA
TLET Learning With Technology: Revealing the Metacognitive Behaviors and Literacy Processes of Preservice and Preservice Teachers [51866]
Nance Wilson, SUNY Cortland, Vassiliki Zygiouris-Coe, University of Central Florida, Victoria Cardullo, Auburn University, USA

Edison F / Brief Papers
ML Smartphone Implementation From Lecturers, Teachers, Students and Pupils’ Perspectives [51825]
Tami Seliffet, Kibbutzim College of Education, Israel
ML Mobile Learning Practices in Initial Teacher Education: Illustrations From Three Teacher Educators [51839]
Carolyn Obonyo, Niki Davis, Letitia Fickel, University of Canterbury, College of Education Health and Human Performance, New Zealand, New Zealand
ML A Methodology of Teaching Mobile Development for Undergraduate Students in Project-Based Classes [52758]
Sanny El-Tawab, Sevin Iskandarova, James Madison University, Mohammad Almalag, Indiana University Kokomo, Puya Ghazizadeh, Seton Hall University, USA

Wright / Symposium
K12 Symposium on Research in K-12 Online and Blended Learning [53142]
Kathryn Kennedy, Michigan Virtual Learning Research Institute, Rick Fergid, Kent State University, Jereed Borup, George Mason University, Anissa Lokey-Vega, Kennesaw State University, Leanna Archambault, Arizona State University, Amy Garrett Dikkers, University of North Carolina @ Wilmington, Kerry Rice, Boise State University, Tina Healner, University of North Carolina Charlotte, USA

Baneker / Full Papers
DV Digital Storytelling Enhances Students’ Speaking Skills at Zewail University of Science and Technology in Egypt [52425]
Mohamed Abdelmaged, Zewail City of Science and Technology, Zeinab El-Naggar, Ain Shams University, Egypt
EQ Digital Citizenship in a Global Context: the Relationships Between Young People and the Digital World, the Actions They Take and the Issues Associated With Those Actions [52516]
Manon LeBlanc, Caitlin Furlong, Michel T Legier, Viktor Freiman, University de Moncton, Canada

Edison A / Best Practices
K12 Design and Evaluate a Forensic Science Online Course for High School Students of Color [52097]
Doug Eillick, Jiaqi Yu, Constance Hargrave, Iowa State University, USA
GE In Search of Leaders: Exploring the Technology Comfort Levels and Efficacies of Preservice and Early Career School Librarians [52720]
Daniella Smith, University of North Texas, USA
LEAD The Best of All Worlds: Combining the Flipped Classroom, Game-Based Learning, and Learning Communities in a Large Technology Integration Course. [52960]
Larsya Nadolnoy, Ben Gleason, Iowa State University, USA

Edison C / Brief Papers
ML Informal Language Learning With Mobile Technology for Acquisition of Non-Native Languages [51836]
Dennisa Brown, New Jersey City University, USA
ML The Sad State of Educational Augmented Reality: a Comprehensive Analysis of Available AR Apps for Education [52001]
Patrick O’Shea, Appalachian State University, USA
DE The Use of New Technology and the Flipped Approach in Blended and Distance Learning. [52376]
Michael Dal, University of Iceland, Iceland

Edison E / Full Papers
SE Pandem-Sim: Results of a High School Epidemiology Live Simulation Pilot Test [52625]
Debra Crawfordepoecka Tymr, Charles Wood, Manetta Caliniger, Wheeling Jesuit University, USA
TLET Fueling and Personalising the Deep Learning Journey; Victoria’s Department of Education and Training’s Capacity Building Model [51972]
Deidre Butler, Dublin City University, Institute of Education, Ireland; Lynn Davie, Department of Education and Training, Victoria, Australia

Edison G / Brief Papers
EVAL Arellano High School Teachers’ Perception of the Use of ICT in Classroom Instruction: a Basis for an E-Learning Classroom Project Proposal [52103]
Vivian Intatano, Raja Soliman Science and Technology High School, Philippines
EVAL PREServe Teachers As Digital Natives: the Myths, the Controversy, and How They Describe Themselves [52139]
David Mulder, Dordt College, USA
Daniel Stanhope, Lea(R)n, USA

Bell / Full Papers
DE Robotic Student Engagement in Class: What Do You Think You See? [52245]
Ming Lei, Ian Marshall Clemente, Ying Hu, Michigan State University, USA
DE Online Professional Development Courses in Online Teaching for Higher Education Faculty [52259]
Brienne Jackson, Virginia Commonwealth University, USA

Edison Ballroom D / Roundtables
#1 TLET Digital Competencies for Teachers: Where We are and Where We Need to Be [51740]
Daniel Boulton, North Carolina State University, USA
#2 NPI Out of Sight, Out of Mind? Improving Online Instruction in Educational Leadership Graduate Courses Through YouTube [52011]
Joe Nichols, Annette Hux, Cindy Nichols, Jackie McBride, Mary Jane Bradley, Arkansas State University, USA
#3 EQ Can Mobile Games Be Used to Teach for Social Justice? [52813]
Xinyue Ren, Ohio University, USA
#4 CT Framework for Computational Thinking (CT) From a Disciplinary Perspective [52006]
Joyce Malyn-Smith, EDC, USA
#5 DE From Face-to-Face to Hybrid: Candidates’ Perspectives of Joining a Doctoral Program Offered in a Digital Format [51940]
Joe Nichols, Steve Bounds, Joan Henley, Arkansas State University, USA
#6 TLET Teachers’ Perceptions About the Effectiveness of an Online Flipped Language Course [52119]
Jiahang Li, College of Education, Michigan State University, Zilu Jiang, Ohio State University, USA
#7 SPE Supporting Disabled Students in Distance Education [52558]
Sait Gumus, Cengiz Hakan Aydin, Anadolu University, Turkey
#8 TLET Seeing is Believing: Use of Immersive Technologies to Facilitate Deep Engagement in Experiential Curricula [52646]
Meghan Wereley, Matthew Broda, Alison Schmidt, College of Wooster, USA

11:30 AM-12:30 PM sessions continue on next page
11:30 AM-12:30 PM

Whitney / Best Practices
DE Enhancing Synchronous Online Learning Using Digital Graphics Tablets [52159]
Chukwuka Iwundu, University of North Texas, USA
TlET Designing Learning Spaces for Enhancing Preservice Teachers’ Practicum Experiences: Implications for Preservice Teacher Education [52129]
Zhizhang Shao, Indiana University Bloomington, USA; Xuanjie Du, South China Normal University, China

SOCIAL Exploring the Education Twitter Hashtag Landscape [52678]
Jeffrey Carpenter, Elon University, Tania Taras, Participate, Scott Morrison, Elon University, Julie Keane, Participate, USA

Experience BreakoutEDU – Game on!
Located in Curie
Groups limited to 12 per session.
See SITE Registration Desk to sign up.

12:30-1:45 PM

Lunch Is On Us!
All attendees can pick up a lunch from the Edison Ballroom Foyer.

Information Technology Council Meeting
Located in Hopkins Boardroom

12:45-1:45 PM

TEACHER EDUCATION SIG MEETINGS
Edison D / African Perspective SIG
Edison D / Assessment/EFolios SIG
Edison G / Assistive Technologies & Special Education SIG
Edison F / Creativity SIG
Edison E / Early Childhood Education SIG
Edison A / English Education SIG
Edison D / Geospatial Education SIG
Whitney / Information Literacy Education (Library Sciences) SIG
Wright / Maker SIG

Edison C / Mathematics Education SIG
Edison B / Science Education SIG
Hopkins Boardroom / Social Media SIG
Banneker / Social Studies Education SIG
Curie / Special Education SIG
Banneker / Teaching and Learning with Emerging Technologies SIG
Edison D / Universal Design for Learning SIG

1:30-4:30 PM

FREE National Air & Space Museum Tour
Pre-registration required. See SITE Registration Desk to sign up. Tour group meets in hotel Lobby.

1:45-2:45 PM

Edison B / Panel
K12 What’s Happening in Blended and Online Learning: Innovative Practice and Lessons Learned [51877]
Susan Poyo, Franciscan University, Leanna Archambault, Mary Lou Fulton Teachers College, Jayme Linton, Lenoir-Rhyne University, Jean Kielke, University of St. Thomas, David Schuweiler, Lenoir-Rhyne University, Kathryn Kennedy, Michigan Virtual Learning Research Institute, USA

Edison F / Symposium
LEAD Rethinking Learning in the Digital Age – Implications for Teacher Education [51850]
Joke Voogt, University of Amsterdam/ Windsheim University of Applied Sciences, Netherlands; Kwok Wing Lai, University of Otago, New Zealand; Gerald Knezek, Rhonda Christensen, University of North Texas, USA; Alona Forkosh Baruch, Tel Aviv University, Israel; Vadim Grinshkun, Sergey Grigoryev, Moscow City University, Russia; Mirti Shonfeld, Kibbutzim College and MOFET, Israel; Anneke Smits, Windsheim University of Applied Sciences, Netherlands; Danah Henrikson, Arizona State University, USA; Michael Henderson, Monash University, Australia; Alexander Uvarov, Moscow State Pedagogical University, Russian Federation; Mike Philips, Monash University, Australia; Mary Webb, King’s College London, United Kingdom; Dale Niederhauser, West Virginia University, Purveya Mishra, Arizona State University, USA; Margaret Leahy, Deirdre Butler, Institute of Education, Dublin City University, Ireland

Wright / Symposium
TlET A Multi-University Study: Use of simSchool to Increase Teacher Candidates’ Understanding of the Educational Needs of Diverse Learners at Individual Universities [52063]
David Collum, Missouri Baptist University, Vickie Johnston, Florida Gulf Coast University, Brooke Blankes, Radford University, USA

TlET Use of simSchool to Increase Teacher Candidates’ Understanding of the Educational Needs of Diverse Learners at a University in Southwest Florida [53155]
Vickie Johnston, Florida Gulf Coast University, USA

Banneker / Brief Papers
NPI Extracting Math Concepts and Formulas in Transforming Mathematical Expressions With Annotation [52677]
Yoshinori Miyazaki, Yoshiya Kayukawa, Shizukuza University, Japan

NPI Using Microblogging As a Cognitive Tool in the College Classroom [52682]
Teresa Coffman, University of Mary Washington, Mary Beth Klinger, College of Southern Maryland, USA

DE E-Tutoring As an Academic Services Support Tool in a Multiple Campus Context [52675]
Kenyon Gannon, Kristi Koshuta, Maison Clouatre, Piedmont College, USA

Edison A / Best Practices
AFR Teacher Training @ Kakuma Refugee Camp, Kenya [51698]
Hans van Bergen, Stephanie Edwards, Utrecht University of Applied Sciences, Netherlands

ASSESS A Digital Journey: Using E-Portfolios for Program Student Learning and Program Assessment: E-Portfolios Lessons Learned [52690]
Shawn Robertson, St. Joseph's College, NY, USA

GE Graduate Student Success With Virtual Mentors: Can the Incorporation of Industry Leaders Enhance Student Engagement in the Classroom? [51779]
Carol Warren, Michelle Bartlett, Diane Chapman, North Carolina State University, USA

Edison C / Panel
TlET What is an Emerging Technology? the SITE Community’s Perspectives - Virtual Reality, Child Robot Interaction, and Simulation [53152]
Amy Eguchi, Bloomfield College, James O’gara, Canisius College, Shuchun Pan, University of Illinois, College of Medicine, USA; Jeheeon Ryu, Chonnam National University, Korea (South); Matthew T. Bramlet, University of Illinois College of Medicine – Peoria, USA

1:45-2:45 PM sessions continue on next page
Edison E / Full Papers
TLET Making Multimedia Meaningful: Outcomes of Student Assessment in Online Learning [52476]
Carol Johnson, University of Melbourne, Australia; Jennifer Lock, University of Calgary, Canada
TLET Toward a Framework of Embodiment and Social Presence in Synchronous Hybrid Learning Environments: an Instructor Perspective [52541]
Cui Cheng, John Bell, Haixia Liu, Michigan State University, USA

Edison G / Full Papers
Reuben Dirминe, Educational Information & Engineering Technology, University of the Witwatersrand, South Africa
ASSESS Using Video to Support the Teaching Practice of Teacher Candidate – Outputs of an Academics’ Iterative Technology Development Experience [52222]
Christopher Dann, University of Southern QLD, Beverly Dann, University of Sunshine Coast, Australia

Bell / Brief Papers
INTL Learning Design to Increase Collaboration in International E-Learning [52478]
Betul Czerkawski, The University of Arizona, USA
EVAL E-LearnReady 2.0: Faculty Readiness Assessment for Online Teaching [51654]
Shimi Restauri, Cheng-Yuan (Corey) Lee, Lee Shinaberger, Coastal Carolina University, USA
TLET Professional Development for Middle School Teachers to Promote Computational Thinking for Populations Underrepresented in STEM Fields [52617]
Matthew DuVall, Frank Lee, Brian Smith, Drexel University, USA

Edison Ballroom D / Roundtable
#1 GE The Quickfire Challenge Workshop: How to Fail Fast & Learn While Having Fun [51778]
Leigh Wolf, Candace Marcotte, Michigan State University, Michael Kosko, Chicago Public Schools, USA
#2 NPI Digital Literacies and Immersive Words: Preparing Educators to Teach Students Analytical Thinking and Writing Activities Through Video Game Analysis [52656]
Sam von Gillen, Texas A&M University, Miles Harvey, University of New Mexico, USA
#3 DV “Use of Microsoft SWAY in Making Engaging Digital Stories for Students With Disabilities in K-12 Classrooms” [52167]
Rashmi Khazanchi, Mitchell County School System, Pankaj Khazanchi, Liberty University, USA
#4 TLET Learning and Leading With Digital Media [52165]
Becky Alexander, Middle Tennessee State University, Eldridge Alexander, Cloudflare, USA
#5 WTE Wearables - From Form to Function: an Invitation to Collaborate [52064]
Barbara Stuever, Dogg Darby, University of North Texas, USA
#6 TLET The Role of Education Providers in Continued Professional Development Related to the Use of ICTs in Teaching, a Systems Approach, [52728]
Koen DePryck, Vrije Universiteit Brussel & Institute for Knowledge Management, Belgium
#7 TLET Changing the Way We Look at Teacher Observations: Utilizing Video for Teacher Assessment, Feedback and Reflection [51801]
Bethann Fine-Cole, East Carolina University, Cynthia Giambatista, Wayne County Public Schools, USA
#8 MAKE So You Want to Start a Makerspace? Where to Start the Discussion. [52534]
Susan Molnar, SuMo Design LLC, USA

Whitney / Full Papers
GS Back to the Gaming Board: Understanding Games and Education Through Board Game Reviews [52155]
Bret Staudt Willet, Sukanya Mougalinya, Liz Boltz, Spencer Greenhain, Matthew Koehler, Michigan State University, USA
GS Promoting Teachers’ Identity Exploration: the Way Forward in Teacher Education for Game-Based Learning [52183]
Mamta Shah, Ariotis Foster, Drexel University, USA

Edison B / Brief Papers
DE Overcoming Students’ Frustration in Adopting a New Approach to Learning in Online Learning Environments: a Case Study in Higher Education [51862]
Mihyun Han, University of Connecticut, Beomkyu Choi, Grand Valley State University, USA
DE Distance Education and Preparing Rural Educators in High Need Areas [51938]
Lisa Craig, Liberty University, USA
LEAD Funding Technology Integration Responsibly for Sustainability [52267]
Tiffany Droese, Melissa Thomezeck, Southern Illinois University Edwardsville, USA

Edison F / Symposium
EVAL Rethinking Learning in the Digital Age – Implications for Teacher Education [53144]
Joke Voogt, University of Amsterdam/ Windesheim University of Applied Sciences, Netherlands; Kowk Wing Lai, University of Otago, New Zealand; Gerald Knezek, Rhonda Christensen, University of North Texas, USA; Alona Forkosh Baruch, Tel Aviv University, Israel; Vadim Grinshkun, Sergey Grigoryev, Moscow City University, Russian Federation; Miranda Smit, Windesheim University of Applied Sciences, Netherlands; Danah Henrikson, Arizona State University, USA; Michael Henderson, Monash University, Australia; Alexander Uvarov, Moscow State Pedagogical University, Russian Federation; Mike Philips, Monash University, Australia; Mary Webb, King’s College London, United Kingdom; Dale Niederhauser, West Virginia University, Punya Mishra, Arizona State University, USA

Wright / Symposium
EQ A Multi-University Study: Use of simSchool to Increase Teacher Candidates’ Understanding of the Educational Needs of Diverse Learners at Individual Universities [53145]
David Collum, Missouri Baptist University; Vickie Johnston, Florida Gulf Coast University; Brooke Blanks, Radford University, USA

Banneker / Brief Papers
EVAL Developing STEAM Problem-Solving Units Through the Lens of Cognitive Apprenticeship [51952]
Abby Baker, Amanda Bennett, Clemson University, Danielle Herro, Clemson University, Cassie Quigley, Clemson University, USA
EVAL Data Informed Instructional Quality Improvement [52618]
Yachi Wanyan, Texas Southern University, Youmei Liu, University of Houston, USA
EVAL The Effects of Social Presence Visualization Based on a Community of Inquiry Framework [52623]
Masanori Yamada, Kyushu University, Yoshiko Goda, Kumamoto University, Japan

Edison A / Brief Papers
DE Implementing an Online Supplemental Instruction Program [52454]
Remberto Jimenez, New Jersey City University, USA
DE Exploring Faculty’s Using Behaviors in LMS Platform to Improve Training Programs [52457]
Chih-Hung Chung, Tamkang University, Taiwan; Chun-Yan Yu, Chuzhou University, China; Chih-Hwa Kuo, Tamkang, Taiwan
DE MOOCs for Teachers: Understanding Learning in Networked Teacher Professional Development [52545]
Nathaniel Ostashewski, Athabasca University, Canada

Edison C / Brief Papers
NPI E-Debiyyat (E-literature) Educational App Project: Multilingual Multicultural Multimedia [52707]
Melda Yildiz, New York Institute of Technology, USA
NPI Examining Critical Components of the Task-to-Performance Chain Model: a Pathway Analysis [52745]
Ahmed Alani, University of Kansas, USA
NPI Internet of Things in Education: Artificial Intelligence Voice Assistant in the Classroom [52749]
Alex Jean-Charles, Missouri State University, USA

Beverage Break: 2:45-3:00 PM
### Edison E / Brief Papers

**EQ** Infrastructure, Acquisition, and Training: the First Step Toward a Technology Literate Classroom [52764]  
Gabriela Marie Chacon, Annie Hale, Arizona State University, USA

**NPI** A Cybersecurity High School Curriculum Course [51932]  
Kevin Handels, Stefan Robits, Montclair State University, USA

**UDL** The Impact of Advance Organizers on Learning Retention of Students [52434]  
Mabel CPO Okojie, Mississippi state University, USA; Tinukwa C Boulder, Penn State University, United Kingdom; Wei-Chieh Yu, Mississippi State University, Taiwan

### Edison G / Brief Papers

**TLET** Video Annotation Tools As an Improvement of Reflective Abilities for Preservice Teachers’ Field Experience. [52235]  
Faith Maina, Amani Zaim, Texas Tech University, Yilan Liu, Texas State University, Nan Wu, Yujian Shi, Texas Tech University, USA

**TLET** Instructional Design and Evaluation of Science Education to Improve Collaborative Problem Solving Skills [52368]  
Li Chen, Kyusuh University, Hirokazu Uemura, Fukuoka Prefectural Ichihara High School, Yoskiko Goda, Kumamoto University, Furuiya Okubo, Yuta Taniguchi, Misato Oto, Shiri’shi Konomi, Kyusuh University, Hiroaki Ogata, Kyoto University, Masanam Yamada, Kyusuh University, Japan

**TLET** Architecture Students’ Conceptions of Learning Technology: Phenomenon As Assessment Tool and Structural Awareness As Curriculum Frameworks [52451]  
Jadin Ebenezer, Wayne State University, USA; Jirarat Sitthiworach, King Mongkut’s Institute of Technology Ladin Krabang, Thailand; Steve Rooney, Wayne State University, USA

### Bell / Symposium

**CREATE** What is the Relationship Between Technology and Creativity? [52616]  
Danah Henriksen, Arizona State University, USA; Michael Henderson, Edwin Creely, Monash University, Australia; Aman Yadav, Jon Good, Michigan State University, Aroti Foster, Mamta Shah, Drexel University, William Cain, John Bell, Michigan State University, Shauanna Smith, Texas State University, Rohit Mehta, Iowa State University, Tony Millican, Akesha Horton, Dennis Armstrong, Air University, Punya Mishra, Arizona State University, USA

### Edison Ballroom D / Roundtable

1. **TLET** Creating a Course CMS Using Google Sites and Apps [51769]  
   David Bryum, Shauanna Smith, Texas State University, USA
2. **WE** Virtual Reality: Improving Interviewing Skills in Individuals With Autism Spectrum Disorder [51703]  
   Patricia Arter, Tammy Brown, Monica Law, Jen Bama, Allison Fruehan, Marywood University, Regina Fidiam, NEIU, USA
3. **TLET** Slack in Education: a Case Study of Alternative Communication for Groupwork in Graduate Level Online Education [52230]  
   Lacey Fulton, Clarion University of Pennsylvania, USA
4. **GE** Field Experience in a K-12 Virtual School [51757]  
   Elizabeth Downs, Georgia Southern University, USA
5. **DE** Introduction to Open Educational Resources for Teacher Educators [52052]  
   Kathryn S. Lee, Carol J. Detaney, Texas State University, USA
6. **TLET** Beyond Discussions: Using Flipgrid to Foster Meaningful Discourse and Build a Sense of Online Community [52168]  
   Jiag Yu, Iowa State University, USA
7. **TLET** Orientation, Preparation, and Support of Online Adjunct Faculty/Online Course Delivery: Developing, Conducting and Financing a Weekend Workshop [52284]  
   Annette Hux, Ark State Univ, Educational Leadership, Curriculum, & Special Education, Cindy Nichols, Joe Nicholas, Joan Henley, Jackie McBride, Mary Jane Bradley, Rick Hux, Arkansas State University, USA
8. **MAKE** Maker Challenge Labs, A Way to Build Content Connections and Community [51818]  
   Ken Monti, Next High School, South Carolina, Susan Molnar, Purdue University, SuMo Design Workshop, USA

### Edison C / Full Papers

**LEAD** Exploring the Impact of Stakeholder Engagement on the Integration of Educational Technology in Elementary Schools: Expanding the Will-Skill-Tool Model With Contextual Variables [52458]  
Dominik Petko, Doreen Prasse, Schwyz University of Teacher Education, Switzerland

**ME** Review of STEM Teaching Models: a Call for Promoting Interdisciplinary Approaches in Regular Mathematics Lessons [52547]  
Simon Zell, University of Education Schwaebsch Gmuend, Germany

### Edison B / Brief Papers

**NPI** Education for Sustainability: Online Professional Development for Educators [52814]  
Annie Hale, Arizona State University, Leanna Archambault, Gabriela Marie Chacon, Arizona State University at the Tempe Campus, USA

**ML** Exploring Online Learning Tools for Developing Competencies in a Just-in-Time Learning Manner [51957]  
Xinyue Ran, Ohio University, USA

**TLET** Parallels Between Flipping a PANCAKE and Flipping a COURSE: Reflective Practice on the Flipping Processes [52713]  
Natalie A. Johnson-Leslie, H. Steve Leslie, Arkansas State University, USA

### Edison F / Panel

**GE** From Job Postings to New Positions: Navigating the Academic Job Search [51797]  
Elizabeth Langran, Marymount University, Curby Alexander, Texas Christian University, Jonathan Cohen, Georgia State University, Melanie Shoftne, James Madison University, USA

### Bannaker / Full Papers

**TLET** College Students Beliefs About and Actual Perceptions of the in-Class Texting of Instructors [51674]  
Austin Hitt, Cheng-Yuan (Corey) Lee, Coastal Carolina University, USA

**TLET** Self-Publish Your Own Open Educational Resource and Empower Your Classroom [52226]  
Harry St. Ours, Montgomery College, USA

### Edison A / Full Papers

**SOCIAL** Exploring Narrative Through Social Media: an Approach to Conceptualizing Story, Inquiry, and Pedagogical Approaches [51892]  
Marie Heath, Towson University, Benjamin Gleason, Iowa State University, USA

**SOCIAL** Preservice Teachers’ Use of and Image Conveyed by Social Media [52439]  
Martynn Griffin, Cordelia Zinskie, Georgia Southern University, USA

### Edison C / Full Papers

**LEAD** Exploring the Impact of Stakeholder Engagement on the Integration of Educational Technology in Elementary Schools: Expanding the Will-Skill-Tool Model With Contextual Variables [52458]  
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Simon Zell, University of Education Schwaebsch Gmuend, Germany

### Edison E / Full Papers

**SOCIAL** Acknowledging the Dark Side of Connectivity, Devices, and Media: A Teacher Education Imperative [52650]  
Ann Cunningham, Wake Forest University, USA

**TPACK** Unpacking Performance Indicators in the TPACK Levels Rubric to Examine Differences in the Levels of TPACK [51812]  
Aleksandra Kaplan-Schill, The Graduate Center, CUNY, Irina Lyublinskaya, College of Staten Island, CUNY, USA
### Edison G / Full Papers

**WE**
Teacher Experiences With Professional Development for Technology Integration at a K-12 Independent School: a Multi-Case Study [52009]
Amy McGinn, Liyan Song, Towson University, USA

**SOCIAL**
Compatibility, Skills, and Good Ideas: School Librarian Use of Social Media [52688]
Daniella Smith, University of North Texas, USA

### Bell / Symposium

**NPI**
What is the Relationship Between Technology and Creativity? [53146]
Danah Henriksen, Arizona State University, USA; Michael Henderson, Edwin Creely, Monash University, Australia; Aman Yadav, Jon Good, Michigan State University; Arounis Foster, Mamta Shah, Drexel University, William Cain, John Bell, Michigan State University, Shaunna Smith, Texas State University, Rohit Mehta, Iowa State University, Tony Millican, Akesha Horton, Dennis Armstrong, Air University, Punya Mishra, Arizona State University, USA

### Whitney / Full Papers

**TLET**
Exploratory Research to Make Teacher Education Simulation More Sophisticated: Beyond Realistic Rendering, Toward Emotional Interactions [52548]
Dongyeon Choi, Dankook University, Jeeheon Ryu, Chonnam University, Minjeong Kim, Dankook University, Korea (South)

**TLET**
Operation Graduating Gilbert: Student Perceptions of a Unique Course Design [52680]
Shelley Evans, Chris Roddenberry, Cynthia Bowers, Wake Technical Community College, USA

### 4:15-5:15 PM

- **Technology, Pedagogical & Content Knowledge TPACK SIG Meeting**
  Located in Banneker
WEDNESDAY, MARCH 28 – POSTER SESSIONS – EDISON D

5:45-7:00 PM

SITE 2018 Poster/Demonstration Sessions

Be sure to check the following pages for the full session listings.

Cash bar and snacks!

Note: Posters will be displayed in the numerical order in which they are listed below.

Poster/Demos will be judged by a team of fellow SITE members to determine the Outstanding Poster Award winners. Results announced at Thursday Keynote.

1 TPACK Development Via Action Research [52471]
Sarah Hicks, Rode:hurst University, USA

2 Using Technology Acceptance Model to Develop and Evaluate an E-QSE System to Enhance Evaluating Efficiency for Nursing Teachers [52479]
Hsin-Hsin Lin, Nursing Department, Tajen University, Chun-Yann Lee, Tajen University, Taiwan; Wen-Ho Chuo, Tzong-Song Wang, Tajen University, Tajikistan; Po-Sen Huang, Chiou-Mei Chen, Daih-Huang Kuo, Tajen University, Taiwan

3 Blended Learning in Teacher Education: the Case of Assessing Lower and Higher Order Goals Through Digital Testing [52498]
Andy Thys, Luc Vandeput, Jan Ellen, University of Leuven (KU Leuven), Belgium

4 Using Log Data and Similarity Measure in Analyzing Learner Problem-Solving Behaviors in a Serious Game: an Exploratory Study [52509]
Sa Liu, Min Liu, University of Texas at Austin, USA

5 The Future of Online Learning: Virtual Reality [52540]
Gulsetbon Storbird, Stratford University, USA

6 Production of Video Learning Materials As Preparation for Promoting Active Learning in Arithmetic [52558]
Noriyuki Matsuhashi, Toko University, Masahiro Nagai, Tokyo Metropolitan University, Japan

7 Project ASSET: Appalachian Support for Specialized Education Training: Building an Online, Self-Paced, Competency-Based Professional Development Program for Rural Educators [52562]
Brooke Blanks, Greg Sherman, Radford University iMPACT Lab, Stacy Kruse, Pragmatic Solutions, Inc., Matt Dunleavy, Radford University iMPACT Lab, Amanda Bozack, Radford University College of Education and Human Development, Kenna Coley, Radford University, USA

8 Supporting Construction of Social Capital in Classroom by Introducing an Alternative Reciprocal System Based on the Concept of “Bi-Directional Debt” [52568]
Hideyuki Suzuki, Ibaraki University, Hideo Funcai, Soka University, Yoshihiko Kubota, Utsunomiya University, Japan

9 Using Makerspaces to Design Educational Games, Puzzles, and Simulations [52596]
Glen Bull, James Rutter, Joe Garofalo, University of Virginia, Tina Heafner, Glen Bull, James Rutter, Joe Garofalo, University of Virginia, Tina Heafner, US

10 Graduate Students’ Perceptions Toward Educational Gamification in Online Learning Environments [52613]
Sumayah Abu-Dawood, Tanda Tyler-Wood, University of North Texas, USA

11 Evaluating the Quality of Instructional Videos Using a Data Visualization Tool [52631]
Wenzheng Li, Leping Liu, Ping Wang, University of Nevada, Reno, USA

12 Fostering Instructional Improvement in Teaching: VoiceThread As Instructional Coaching Tool [52642]
Timothy Lewis, Auburn University at Montgomery, USA

13 Using Collaborative Agent-Based Modeling to Explore Complex Phenomena in Pre- and Preservice Teacher Education [52654]
Anthony Petrosino, Max Sherard, Jason Hamon, Mica Kohl, The University of Texas at Austin, USA

14 Using Informal Learning of Makerspaces to Enhance Technological Pedagogical and Content Knowledge (TPACK) [52698]
Candace Figg, Brock University, USA; Rowess Jennifer, Welbourn Shannon, Kimberly Pelchat, Brock University, Canada

15 Design of a Learning Dashboard in "Self-Regulator" to Support Planning for Distributed Online Learning [52723]
Yoshiko Goda, Kumamoto University, Takeshi Matsuda, Tokyo Metropolitan University, Masanori Yamada, Kyushu University, Hiroshi Kato, Open Univ. of Japan, Yufaka Saito, Fuji Electric Global, Hiroki Miyagawa, Aoyama Gakuin University, Japan

16 Characteristics of E-Learning Mentors Influencing Change in Faculty Practice in Higher Education [52739]
Kamini Japal-Jamani, Candace Figg, Brock University, Canada

17 Finding Your Way in the Online Education Landscape: a Practical Approach for Educators to Online Learning Collaboration [52744]
Ahmed Alani, University of Karachi, USA

18 Determining the Influence of New Modulators of UTAUT2 in the Adoption of Learning Management Systems Using Structure Equation Modeling [51677]
Rashid Khan, DCC- King Fahd University of Petroleum and Minerals, Dhahran Saudi Arabia, Saudi Arabia

19 The Digital Propensity of Today’s Students and the Role of Video Game Play on Online Learning Activities and Learning Preferences [51686]
Boaventura DaCosta, Solers Research Group, USA; Sonthshe Seok, Korea University, Korea (South)

20 Using Mobile Technology to Enhance English Teaching: EFL Students’ Strategies and Perceptions in a Collaborative Learning Activity [51739]
Kai-Yueh Chang, National Hsinchu Senior High School, Shiou-Wen Yeh, National Chiao-Tung University, Taiwan

21 Web Applications for Education of Parallel Programming [51743]
Akyarna Nakatani, Konan University, Toshiyuki Maeda, Hanan University, Japan

22 Voice and Choice in Teacher Professional Learning: Designing the Writing-As-Making MOOC [51783]
Sarah Lohnes Wattuk, Vicki McQuirt, Joseph Runciman, Towson University, USA

23 Using Visual Design to Improve the Online Learning Experience: A Synthesis of Research for a Studio-Based Learning Framework [51837]
Jason Bader, Mt. San Jactino College, Patrick Lowenthal, Boise State University, USA

24 Dynamic Visualization in Education of Mathematics [51851]
Daniela Velichová, Slovak University of Technology, Fac. of Mechanical Eng., Institute of Mathematics and Physics, Slovakia (Slovak Republic)

25 Against Academic Procrastination: Pedagogical Apps to Implement Distributed Learning in Course Design [51853]
Klaus Queibeldy-Rinkel, Technische Hochschule Mittelhessen, THM, University of Applied Sciences, Department MNI, Jennifer Heiny, Technische Hochschule Mittelhessen, THM, University of Applied Sciences, ZikoLL, Christoph Thelen, Technische Hochschule Mittelhessen, THM, University of Applied Sciences, Department MNI, Germany

26 A Visualization Tool and Platform for Early Alert [51883]
Nai-Lung Tao, Office of Information Services, Tamkang University, Taiwan; Chunyan Yu, School of Computer and Information Engineering, Chzou University, China; Chin-Hwa Kuo, Dept. of Information Engineering, Tamkang University, Taiwan

27 Practica at a Distance: Developing an Online Supervisory Practicum for a Reading Specialist Program [51884]
Steven Rinehart, West Virginia University, Terence Ahern, West Virginia University, Tonya Rinehart, Harrison County Schools, USA
THURSDAY, MARCH 29 – CONCURRENT SESSIONS

Thursday, March 29

Registration..........................................................7:30 AM-5:15 PM
Good Morning Beverage .............................................8:00-8:30 AM

8:30-9:45 AM

Edison D / Keynote

General Session, Poster Awards & Keynote
Richard Culatta
Richard Culatta, ISTE President, USA

9:45-10:15 AM

Whitney / New SIG Chair Orientation

10:15-11:15 AM

Hopkins Boardroom / Keynote Conversation
Richard Culatta, ISTE President, USA

Edison B / Brief Papers

TLET Providing Formative Feedback to Preservice Teachers As They Practice Facilitation of High-Quality Discussions in Simulated Mathematics and Science Methods Classrooms [52442]
Priya Kannan, Diego Zapata-Rivera, Jamie Mikeska, Andrew Bryant, Rodolfo Lorch, Heather Howell, Educational Testing Service, USA

TLET Supporting Student Interaction Through the Use of Digital Backchannel Discussions [52462]
Heather Donnelly, Bradley University - Department of Teacher Education, USA

TLET Digital Neophytes: Creating a Digital Technology Course for Preservice Teachers [52518]
Ricky Mullins, Amanda Biviano, Virginia Tech, Ariel Cockett, University of Virginia, Todd Ogles, David Hicks, Virginia Tech, USA

Edison F / Panel

TPACK Multiple Perspectives on Strengthening the Ability of Teacher Education Programs to Prepare Teacher Candidates to Integrate Technology [51731]
Teresa S. Foulger, Arizona State University, Mamta Shah, Drexel University, Kevin J. Graziano, Nevada State College, Denise Schmidt-Crawford, Iowa State University, David Stylkhuise, University of Northern Colorado, Rohit Mehta, Iowa State University, Inna Lyublinskaya, CUNY College of Staten Island, Debra Sprague, George Mason University, USA

Wright / Panel

TLET Emergent Pedagogies – What is an Emerging Technology? the SITE Community’s Perspective [51533]
Amy Eguchi, Bloomfield College, USA; Lorraine Beaudin, University of Lethbridge, Canada; Mamta Shah, Drexel University, USA; Tugba Altan, Middle East Technical University, Turkey; Josh Corbat, University of North Carolina at Chapel Hill, Lesia Lennex, Morehead State University, Aroutis Foster, Mark Petrowich, Jr., Drexel University, USA

Banneker / Full Papers

GEO Geospatial Technologies in Mainstream Classrooms: A Brief Examination of Pedagogical Diffusion [51997]
Thomas R. Baker, Esri, USA

IL Media Blinds or Blinds? Participatory Action Research in Deconstructing Myths and Misconceptions in Teacher Education [52116]
Melda Yıldız, New York Institute of Technology, USA

Edison A / Full Papers

A Curriculum-Linked Professional Development Approach to Support Teachers’ Adoption of Socio-Environmental Science Investigation [53217]
Alec Bodzin, Thomas Hammond, Lehigh University, Kate Popejoy, Popejoy STEM LLC, William Farina, David Anastasio, Breanna Holland, James Carpan, Scott Rutzmoser, Dork Sahagan, Lehigh University, USA

#NoDAPL: Consciously designing Culturally Situated Resistance Pedagogy for 21st Century Youth [53198]
Becky Beucher, Illinois State University, USA

Edison C / Full Papers

MAKE Engineering Design and Science Integrated Activities Models [51893]
Gilbert Kalonde, Montana State University, USA

MAKE Make to Learn Invention Kits [51988]
James Rutter, University of Virginia, Nigel Standish, Charlottesville City Schools, David Stylkhuise, University of Northern Colorado, Glen Bull, University of Virginia, USA

Edison E / Full Papers

ME Teaching WITH (Not Near) Virtual Manipulatives [51702]
Lindsay Reiten, University of Northern Colorado, USA

ME The Successes and Lessons Learned of Flipped Learning [51946]
Anthony Dove, Radford University, USA

Edison G / Brief Papers

ECE Early Learners’ Social Interaction With Multi-Touch Technology: A Two Summer Comparison [51933]
Donna Karno, University of Maine at Farmington, Beth Hatcher, Independent Consultant, USA

ECE Fostering Digital Literacy Development With Elementary & Early Childhood Educators [52019]
Lee Langub, Mark Warner, Kennesaw State University, USA

ECE Preserve Teachers’ Perception and Reflection on the Field Experience of Integrating Technology in the Elementary Classroom [52055]
Ya-Huei Lu, East Carolina University, Ai-Chu Ding, Indiana University, USA

Bell / Full Papers

SOC Technology in K-12 Social Studies: What’s Being Used and What Works [51750]
Kevin Krahennbruhl, Middle Tennessee State University, USA

SOC How Urban Youth Use Digital Tools at Community Technology Centers (Ctc)s to Support the Development of Civic Engagement Pathways: the Consideration of University-Ctc Partnerships to Support Digital Citizenship [51867]
Lisa Twiss, Towson University, USA

Edison Ballroom D / Roundtables

#1 ECE An Undergraduate Inclusive Teacher Preparation Program in Early Childhood Education: an Online Delivery Approach [51386]
Neal Nghia Nguyen, Florida Atlantic University, Jeff Geifer, University of Nevada Las Vegas, USA

#2 EVAL The Digital Divide’s Impact on Hybrid Learning: How Communications Models Affect Message Construction and Content Processing by Different Generations [51758]
Laura Wilson, Slippery Rock University of Pennsylvania, Thomas J. Brown, Mary Beth Leidman, Indiana University of Pennsylvania, USA

#3 MAKE Introduction to 3D Engineering Through Scale Models [51899]
Lesia Lennex, Justin Elswick, Morehead State University, USA

#4 ECE Supporting Early Childhood Program Administrators in Making Curriculum-Based Technology Decisions Through Professional Development [52196]
Joanna Gynmes, Diana Williams, Arkansas State University, USA

#5 GE Optimizing Language Learning Through Designing Blended Teaching [52812]
Xiaoru Sun, Inner Mongolia Normal University, China; Ohio University, USA, China

#6 SE Redefining Science Learning With a Platform for Sharing Experimental Data [52656]
Maureen Melanson, Glenda Javier, Caitlin Canane, Mindy Shaheen, Methuen Public Schools, USA

#7 TLET Course Design for the AP Computer Science Principles Course: A Model Facilitated Learning Approach [52202]
Ron Steiner, University of North Texas and Bishop Lynch High School, Bonnie Martinez, University of North Texas and Garland Independent School District, USA

Whitney / Full Papers

SE Digital Technology to Support Deep Learning and Mental Reasoning [52390]
Kevin Greenberg, Robert Zheng, University of Utah, USA

SE Redefining Science Learning With a Platform for Sharing Experimental Data [52629]
Maureen Melanson, Glenda Javier, Caitlin Canane, Mindy Shaheen, Methuen Public Schools, USA
**THURSDAY, MARCH 29 – CONCURRENT SESSIONS**

**11:30 AM-12:30 PM**

**Edison A / Full Papers**

**ME**  
Online Discussion Blog Assignments Support Teacher Education: Tool for Reform-Based Mathematics Instruction [52053]  
Anne Marie Marshall, Savannah Lane, Savannah Sweet, Rachel Ruiz, Berry College, USA

**INTL**  
International Teachers’ Evolving Relationships With Educational Technology [51732]  
Medha Dalal, Arizona State University, Leanna Archambault, Arizona State University, USA

**Edison B / Full Papers**

**ME**  
Preservice Mathematics Teachers’ Professional Noticing of Students’ Mathematical Thinking With Technology [52481]  
Jennifer Lovett, Middle Tennessee State University, Lara Dick, Bucknell University, Allison Mc Culloch, University of North Carolina at Charlotte, Milan Sherman, Drake University, Krisli Martin, NC State University, USA

**SOC**  
Making the Invisible Visible: Evaluating the Use of Mixed Reality to Teach a Forgotten Local History – School Segregation - With Fifth Graders [53141]  
David Hicks, Virginia Tech, Aaron Johnson, University of Nebraska - Lincoln, Todd Ogle, Thomas Tucker, Virginia Tech, Stephane van Hover, UVA, Eric Reagan, Texas A & M, Doug Bowman, Virginia Tech, USA

**ME**  
Preservice Mathematics Teachers’ Professional Noticing of Students’ Mathematical Thinking With Technology [52481]  
Jennifer Lovett, Middle Tennessee State University, Lara Dick, Bucknell University, Allison Mc Culloch, University of North Carolina at Charlotte, Milan Sherman, Drake University, Krisli Martin, NC State University, USA

**Edison C / Brief Papers**

**SE**  
Engineering Creativity Among Grades 6-12: Hydropower Design [51859]  
Justin Etswick, Lesia Lennex, April Haight, Morehead State University, USA

**SE**  
Using a “Hybrid” Science Notebook: Elementary Teacher Candidates’ Experiences [51869]  
Jennifer Kreps Frisch, University of Minnesota Duluth, USA

**SE**  
Using Technology to Increase Parent Involvement in Student Learning [52581]  
Jon Welling, Geoff Wright, Brigham Young University, USA

**Edison D / Roundtable**

**#1 MAKE**  
Lessons Through Iteration: an Autobiographical Case Study of a STEAM Maker Project in a Teacher Education Program [51993]  
Zoe Fails, University of Nebraska - Lincoln, USA

**#2 SOCIAL**  
Digital Citizenship: Issues and Resolutions [51889]  
Abir Almoosa, University of Northern Colorado, USA

**#3 EVAL**  
Reimagining the Acceptable Use Policy: Aligning Technology Administration and Best Practices in the Classroom [51962]  
Shadow Armfield, J. Michael Blocher, Laura Sup-Jontes, Hoda Harati, Northern Arizona University, USA

**#4 ASSESS**  
Video Analysis Techniques for the Reflective Practitioner [51995]  
Sarah Nagro, George Mason University, USA

**#5 SE**  
ROUNDTABLE: Redefining Science Learning With a Platform for Sharing Experimental Data [52634]  
Maureen Melanson, Glenda Javier, Caitlin Canane, Minda Shaheen, Methuen Public Schools, USA

**#6 K12**  
Preparing and Supporting K-12 Online Teachers [51746]  
Jayme Linton, Lenoir-Rhyne University, USA

**Edison E / Brief Papers**

**SOC**  
Enhancing Early Elementary Civics Education Through Augmented Reality Games [52092]  
Thomas Hammond, Julie Ottman, Lehigh University, Curby Alexander, Texas Christian University, USA

**SOC**  
Posting on Politics: Can We Teach Civic Deliberation on Facebook? [52695]  
Daniel Krutka, University of North Texas, USA

**SOC**  
Designing a Gerrymandering Simulation in a School Makerspace: A Multidisciplinary Approach [52755]  
Tina Heathor, University of North Carolina @ Charlotte, Glen Bull, Joe Garofalo, James Rutter, University of Virginia, USA

**Edison F / Best Practices**

**TLET**  
6 Easy-to-Use Tools for Creating Social Presence in Online Courses [52307]  
Tammy Brown, Patricia Arter, Amy Paciej-Woodruff, Marywood University, USA

**TLET**  
Typography to Improve Attentive E-Learning [52496]  
Erik Bean, American Public University, USA

**TLET**  
Using Augmented Reality Technologies to Address Diversity in K-12 Settings [52647]  
Patrick O’Shea, Brittany Aiello, Christy Cook, Appalachian State University, USA

**Wright / Brief Papers**

**IL**  
Embedding Librarians in the Online Classroom: the Value of Information Literacy Instruction [51713]  
Shelby Ware, LeTourneau University (work); University of North Texas (student), USA

**IL**  
Digital Information Literacy Skills Among First Year Students [51617]  
Efrat Pieterse, Zehava Santo, Western Galilee College, Riki Greeberg, Haifa University and Bar-Ilan University, Israel

**ME**  
Wikispaces As a Platform for Preservice Teachers to Share Standards-Based Mathematics Tasks [52008]  
Aaron Trocki, Elon University, USA

**Banneker / Brief Papers**

**MAKE**  
Teacher PD for Emerging Technologies: 3D Printing Projects & Makerspaces [51768]  
Torny Trust, UMass Amherst, USA

**MAKE**  
Fostering Computational Thinking and Student Engagement in the Literacy Classroom Through Pop-Up Makerspaces [52123]  
Laurie O Campbell, Samantha Heller, Brandi Goodman, The University of Central Florida, USA

**ME**  
Using Formative Assessment Technologies to Support the Five Practices for Facilitating Mathematical Discourse Around Cognitively Demanding Tasks [51927]  
Gabrielle Read Jasnoch, University of Louisville, USA

**Bell / Brief Papers**

**TLET**  
Using Data to Support Instructional Decision Making: Designing a Progress Monitoring System to Use With Students Who are Deaf or Hard of Hearing [51721]  
Simone Hooper, Penn State University, Susan Rose, University of Minnesota, Rayne Sperring, Penn State, USA

**TLET**  
The Pedagogical Perspective of Adaptive Learning Environment [51810]  
Hoda Harati, Chih Tu, Shadow Armfield, J. Michael Blocher, John Doherty, Northern Arizona University, USA

**TLET**  
Developing Instructional Materials to Teach Android Programming for Community College Students [51668]  
Penn Wu, Cypress College, USA

**Whitney / Brief Papers**

**TPACK**  
Preservice Teachers Self-Assessing TPACK Using a Visual Quantitative Model [52544]  
Ming Tomayko, Towson University, USA

**TPACK**  
Effects of Learning With E-TPCK on Preservice Teachers’ Technological Pedagogical Content Knowledge [52688]  
Andri Christodoulou, University of Cyprus, Cyprus

**TPACK**  
Prospective Language Teachers’ Pedagogical Reasoning About Technology Use: TPACK or Not? [52555]  
Anneke Smits, Henk La Roë, Roland Brujin, Windesheim University of Applied Sciences, Netherlands
12:30-1:45 PM

**Lunch Is On Us!**

All attendees can pick up a lunch from the Edison Ballroom Foyer.

12:30-1:45 PM

**Teacher Education Council Meeting**

Located In Hopkins Boardroom

12:45-3:00 PM

**CITE Journal Editors Meeting (Invitation Only)**

Located in Curie

1:30-4:00 PM

**Smithsonian Natural History Museum Private Tour**

Pre-registration required. Tickets are $10. See SITE Registration Desk to purchase. Tour group meets in hotel Lobby.

1:45-2:45 PM

**Edison A / Full Papers**

**ASSESS Using Structured Learning E-Journals As a Formative E-Assessment Strategy: Guiding Student-Teachers to Reflect on Their Learning Through the Mirror, Microscope, and Binoculars.** [51821]

Bernard Bahati, University of Rwanda & Stockholm University, Uno Fors, Preben Hansen, Stockholm University, Sweden; Alphonse Bengeusenga, University of Rwanda, Rwanda

**ECE Introducing Computational Thinking to Primary School Classrooms in Ireland: a Constructionist Approach** [52633]

Margaret Leahy, Deirdre Butler, Deirdre McQuaid, Róisín Ryan, Francis Tormey, Institute of Education, Dublin City University, Ireland

**Edison C / Full Papers**

**UDL The Intersection of the UDL and TPACK Frameworks: An Investigation into Teacher Candidates’ Use of Technology During Internship** [51809]

Lisa Harris, Lindsay Yearta, Hannah Chapman, Winthrop University, USA

**UML Accessibility in Online Learning: Connecting Universal Design for Learning and Paivio’s Dual Coding Theory** [52010]

Felicia Cruz, The University of North Texas, USA

**Edison E / Full Papers**

**SOCIAL Exploring How and Why Educators Use Pinterest** [51535]

Jeffrey Carpenter, Amanda Cassaday, Stefania Monti, Elon University, USA

**SOCIAL A Critical Examination of Participation in an Online Community of Practice to Inform Digital Pedagogy** [51767]

Nandita Gurjar, University of Northern Iowa, USA

**Edison G / Full Papers**

**TLET Peer Feedback Activities in Graduate-Level Online Learning Environments: Does the Technology Tool Matter?** [51649]

Laurie A. Sharp, Regina Chane Rodriguez, West Texas A&M University, USA

**TLET Tele tandem Perspectives on Foreign Language Teaching** [51664]

Daniela Garcia, São Paulo State University (UNESP), Brazil; Michael Ferreira, Georgetown University, USA

**Bell / Full Papers**

**TLET The Impact of Teachers’ Beliefs on Their Different Uses of Technology** [52443]

Liu Haixia, Matthew Koehler, Michigan State University, USA; Lina Wang, South China Institute of Software Engineering, China

**CREATE Understanding Creativity and the Role of Technology in Education: a Tri-Modal Approach** [52423]

Edwin Arthur Creely, Monash University, Australia; Danah Henrik森, Arizona State University, USA; Michael Henderson, Monash University, Australia

**Edison Ballroom D / Roundtable**

1. **ECE The Effectiveness of Using Video Recordings in an Adapted Lesson Study Project to Improve Reflective Practices and Early Childhood Math and Science Integrated Lessons** [52040]
   
   Preeti Jain, Amber Brown, University of Houston - Clear Lake, USA

2. **TLET Improving the Quality of Online Instruction** [51908]
   
   Julie Howell, Tarleton State University, USA

3. **TPACK Technology Integration in a K-12 Frontier District** [52029]
   
   Karen L. Push, Leping Liu, Ping Wang, University of Nevada Reno, USA

4. **SE A Survey of Three NASA Authentic Data Resources for Science and Mathematics Education** [51787]
   
   Jeffrey Carpenter, Amanda Cassaday, Stefania Monti, Elon University, USA

5. **ECE Does the Accelerated Reading (AR) Program Impact Technology Usage in the Early Grades? Part 1 of an Exploratory Evaluation** [52466]
   
   Natalie Johnson-Leslie, H. Steve Leslie, Arkansas State University, Gabrielle Leslie, Daniel Leslie, University Heights Elementary School, USA

6. **ECE Technology Integration in Early Childhood Education Teacher Preparation** [53156]
   
   Leslie La Croix, Payal Shah, Doaa Dashash, Julie Kidd, George Mason University, USA

**Edison F / Panel**

**MAKE Maker Pedagogy for Teacher Education: Developing Connections From Theory to Practice** [51844]

Jason Trumble, University of Central Arkansas, Shauna Smith, Texas State University, Monty Jones, Virginia Commonwealth University, Jonathan Cohen, Georgia State University, USA

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Located in Curie

**Smithsonian Natural History Museum Private Tour**

Pre-registration required. Tickets are $10. See SITE Registration Desk to purchase. Tour group meets in hotel Lobby.
THURSDAY, MARCH 29 – CONCURRENT SESSIONS

Whitney / Brief Papers
GEO Explorations of Google Cardboard 3D Virtual Reality As Geospatial Technology for Education [52398]
James Oigara, Canisius College, USA

GEO Redesigning an Information Literacy Course: Engaging Learners With Technology Applications [51714]
Shelby Ware, LeTourneau University (work); University of North Texas (student), USA

IL Storytelling With Data: Visualization in Education-Semiotics Perspective [52761]
Melisa Yildiz, Amr Swid, New York Institute of Technology, USA

4:15-5:15 PM

Edison B / Full Papers
TLET Development in Preservice Teachers' Readiness to Use ICT in Education – Longitudinal Perspectives [51921]
Teemu Valtosen, Jari Kukkonen, Erkko Sointu, Susanna Pöntinen, University of Eastern Finland, Finland; Tom Stenhil, University of South Australia, Australia; Pia Nääkkvi, University of Oulu, Anne Virtanen, University of Jyväskylä, Kati Mäkelä-Siegl, University of Eastern Finland, Finland

TPACK A Delphi Study to Develop an Inventory of Competencies Needed to Facilitate Instruction in Student-Centered, 1:1 Learning Environments [52027]
Andrea Parrish, William Sadera, Towson University, USA

Wright / Full Papers
TLET Preparing Teacher Candidates for Transformative Digital Teaching and Learning Experiences: Case Studies From Teacher Preparation Programs [52083]
Elizabeth Wilson, The University of Alabama, Laila J. Richman, Towson University, Royce Kimmons, Brigham Young University, Holly Atkin, Saint Leo University, Judi Estes, Park University, USA

Edison F / Panel
TLET SE Embedding Annotation in Abstract/Concrete Visual Representations to Facilitate Students' Knowledge Acquisition, Transfer and Self-Efficacy in Physics Education [52361]
Robert Zheng, University of Utah, USA

Bell / Brief Papers
PACK When Physical Education Meet Technology: Responding to Technological Needs of Teaching Physical Education [52328]
Sa Liu, Xiaolu Liu, Hulan Shangguan, Mhyun Lim, Keating Xiaofen, University of Texas at Austin, USA

PACK TPCK and Initial Teacher Education: Insights on the Development of Pedagogical Reasoning in TPCK-Based Instructional Design (ID) Practices [52483]
Ottavia Trevisan, Marina De Rossi, University of Padova, Italy

SPE Assistive Technologies to Support Students With Language-Based Learning Differences [52568]
Bryce Walker, National Institute for School Leadership, USA

Edison Ballroom D / Roundtable
#1 EVAL Assessment Issues in an Online Environment - Addressing Rater Reliability Issues [51690]
Jackie McBride, Joan Henley, Mary Jane Bradley, Joe Nichols, Annette Hux, Cindy Nichols, Arkansas State University, USA

#2 TLET Developing and Modeling Pedagogy With Interactive Video [51804]
Ann Musgrove, Jillian Powers, Alyssa Gonzalez-DeHass, Patricia Willems, Florida Atlantic University, USA

#3 TLET Designing MOOCs for Faculty Development: Lessons Learned [51930]
Cengiz Hakan Aydin, Hasan Celikcan, Anadolu University, Turkey

#4 SOCIAL Becoming a #Realteacher: Making Preservice Teacher Identity Development Visible Through Twitter [51689]
Shannon Prince, Michigan State University, USA

#5 TLET Playing School and Learning Teaching: Using Mixed Reality Simulation to Prepare Preservice Teachers [52652]
Jeanne Inge, Andrea Cayson, Emily Spitzman, Alexandria Dena, Gia Renaud, Jon Cash, Bridgewater State University, USA

#6 GE Badge-Based System to Enhance Graduate Students’ Engagement in Educational Conferences [52726]
Ali Alshammari, Purdue University, Surnayah Abu-Dawood, University of North Texas, USA

#7 GS Serious Game Design and Development Workshop [52783]
Ali Alshammari, Purdue University, USA

Whitney / Brief Papers
LEAD Building Teacher Capacity for Blended Learning Environments [52538]
Mari Engelhart, Medina County Career Center, Imani Akin, American College of Education, USA

LEAD Three Reasons for Improving Cybersecurity Instruction and Practice in Schools [52601]
Christopher D. Coleman, Louisiana Tech University / University of North Texas, Elaine Reeder, Virginia Commonwealth University / University of North Texas, USA

ME Google Docs: a Tool for Written Communication in Math Class [52604]
Kathryn Schafer, Ball State University, Andrea Lobue, Prairie Middle School, Amy Vanderberg, Eastbrook High School, USA
“Let’s Go Out!”
OR
“Let’s Stay In!”

You Pick!

Potomac Riverboat Tour
Meet in Lobby @ 6 PM
Must be pre-registered

FREE Movie Screening
@ 6:30 PM in Edison D
All are welcome to attend!
Edison B / Panel

TlET Technology Integration in K-12 Classrooms: a Professional

Edison A / Brief Papers

TlET Examining a “Five Community Typology” to Support designing for

Banneker / Full Papers

TlET Technology Integration in K-12 Classrooms: a Professional

Edison C / Brief Papers

TPACK High School Teachers’ Self-Assessment of Their TPACK After

Graduate Coursework: a Mixed Methods Evaluation [52120]

Stephen Adams, CSU Long Beach, College of Education, USA; Fabian
Rojas, CSU Long Beach and Universidad Nacional, Costa Rica, Costa
Rica

TPACK “We’re Just Expected to Know How”: Unpacking Preservice

Teachers’ Beliefs About Technology Integration [52126]

David Mulder, Dordt College, USA

TPACK Professional Development, Differentiated, & Digitized (PD3):

Teacher Education Candidate Development and the Impact of

Instructional Context on the Adoption of a Learning Management

System [52149]

Jon Clausen, Ball State University, USA

Edison E / Brief Papers

SOCIAL The Career You Save May Be Your Own: Exploring the

MathTwitterBlogosphere As a Community of Practice [52000]

Bret Staudt Willet, Paul Reimer, Michigan State University, USA

SOCIAL Helping Prepare Future Teachers for a Socially Networked World

[52020]

Kelly Rippard, Old Dominion University, USA

SOCIAL Crossing the Divide: Connecting Social Scholarship and

Professional Learning Networks [52089]

Diana Brandon, Charleston Southern University, Holly Marich, Michigan
State University, USA

Edison G / Full Papers

DE Enhancing Student Critical Thinking Skills Through Guided Online

Group Discussions [52232]

Anu Gokhale, Illinois State University, USA

SOCIAL Developing Preservice Teachers’ Self-Efficacy and Science

Knowledge Through a Scaffolded Robotics Intervention: A

Longitudinal Study [52515]

Kamini Jaipal-Jamani, Brock University, Canada

Bell / Brief Papers

MAKE Students With Disabilities making the Beginning of an Ongoing

Multiple Case Study [51808]

Jason Trumble, University of Central Arkansas College of Education,
Kathleen Atkins, University of Central Arkansas, USA

MAKE Placing the Maker Movement in a Historical Context of Instructional

Technology [52635]

Michael L. Schad, Virginia Commonwealth University, USA

MAKE Developing a Maker-Centered Professional Development Program

for K-12 Teachers [52706]

Matt Caratashka, Virginia Commonwealth University, USA

Edison Ballroom D / Roundtable

#1 TlET Re-Engaging the Youth in Civic Education: the Role of Virtual Reality

[51904]

Newton Buelva, University of North Texas, USA

#2 SPE Learning Outcomes Increase for Students With Intellectual Disability

When Special Education Teachers Hold More Priorities Focused on

Educational Supports [51687]

Soonhwa Seok, Korea University, Korea (South); Baeventura DaCosta, Solers
Research Group, USA

#3 LEAD Designing Online Courses: Does the Job Description Match the

Supervisor’s Expectations? [51793]

Janet Arndt, Gordon College, Mary Ellen McGuire-Schwartz, Rhode Island
College, USA

#4 UDL Early Childhood Educator Preparation: Teaching UDL With Technology for

Equal Access [52686]

Janet Arndt, Gordon College, Mary Ellen McGuire-Schwartz, Rhode Island
College, USA

#5 TlET Supporting OER Creation As a Professional Development Outcome: the

Technology-Enabled Learning MOOC [52709]

Nathanial Clishashelewski, Martha Cleveland-Irines, Athabasca University, Sanjaya
Mishra, Commonwealth of Learning, Dan Wilton, Athabasca University, Canada

ASSESS A Digital Journey: Using E-Portfolios for Program Student learning and

Program Assessment: E-Portfolios Lessons Learned [52710]

Shawn Robertson, St. Joseph’s College, NY, USA

TlET The Technology + Pedagogy Guide: a Framework for Novice Technology

Users [51726]

Shaunna Smith, David Byrum, Texas State University, USA

TPACK Technology, Feedback, and Culturally Responsive Teaching [52042]

Amy Vujaklija, Katy Hirsch, Marlon Cummings, Governors State
University, USA

TPACK Professional development, differentiated, & digitized (Pd3):

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Whitney / Brief Papers
TLET What Does it Mean to Be an Online Teacherpreneur?: A Qualitative Investigation of Highly Experienced and Successful Authors on Teacher Pay Teachers [52576]
Catharyn Shelton, Leanna Archambault, Arizona State University, USA
MAKE “There’s Nothing Wrong With Fun”: Unpacking the Tensions and Challenges of Human Centered Design for Learning With Preservice Teachers [52614]
Zoe Falls, Justin Olmanson, University of Nebraska - Lincoln, USA
TLET An Investigation of Change on Career Decision and Professional Identity of Preservice Teachers During Teaching Practice [51955]
Hatice Cilsalar, Bozok University, Turkey

FRIDAY, MARCH 30 – CONCURRENT SESSIONS

12:30 - 1:30 PM

Closing Happy Hour Social Event
Joins us to say “Cheers!” to SITE 2018 as we invite you to next year’s conference in exciting Las Vegas, Nevada!

Edison Ballroom D

Join us In Las Vegas
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Editors
Rick Ferdig – Journal of Technology & Teacher Education
Kent State University, USA

Chrystalla Mouza – Contemporary Issues in Technology & Teacher Education
University of Delaware, USA

Leping Liu & David Gibson – Research Highlights in Technology & Teacher Education
University of Nevada-Reno, USA & Curtin University, Australia

Leanna Archambault & Jered Borup – Journal of Online Learning Research
Arizona State University, USA & George Mason University, USA

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All submissions are peer reviewed by at least 3 members of the international Program Committee of experts in fields specifically matching the conference topics. Papers are subject to a double-blind review. Reviewers are strongly encouraged to provide the author with comments intended to improve the content, style, or other issues to improve the quality of the article.

If the review results are not clear, at least two members of the conference’s Program Committee decide whether a paper can be accepted or not, and in which presentation category. A review of all papers receiving high review scores is undertaken by all the members of the Board to nominate outstanding papers. The acceptance rate for SITE conferences is 25-39%.
Conference Rooms are highlighted in blue.

Tour Meet Ups
- For Smithsonian tours, meet in the Westin 1st Floor Lobby area at the tour start times. We will take Metro transportation with a tour guide.

You must wear your SITE name badge to attend all conference sessions and events.