CURRICULUM VITAE

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**CURRENT DATE:**    May 2024

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**EDUCATION:**

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|---|---|
| 2009—2013: | Ph.D. Educational Technology & Mathematics Education. University of North Carolina at Chapel Hill. |
| 2006—2009: | M.Ed. (Honors), Elementary Education, Elon University, NC. |
| 2003—2003: | P.G.C.E (Distinction). Liverpool University, UK. |
| 1998—2001: | B.A. (Honors) Elementary Education, Manchester Metropolitan University, UK. |

**EXPERIENCE:**

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|---|---|
| 2023—Present: | Executive Director of the Research Institute for Digital Innovation in Learning (RIDIL) |
| 2023—Present | Professor of Instructional Technology, Dept. of STEM and Professional Studies, Old Dominion University |
| 2018—2023: | Associate Professor of Instructional Technology, Dept. of Teaching & Learning, Old Dominion University. |
| 2013—2018: | Assistant Professor of Instructional Technology, Dept. of Teaching & Learning, Old Dominion University. |
| 2009—2013: | Doctoral Student, University of North Carolina at Chapel Hill, NC. |
| 2006—2009: | 5th Grade Teacher, Carrboro Elementary School, NC. |
| 2004—2006: | Teacher, Belfield School, Rochdale, England. |
| 1994—2003: | Teacher & Special Support Assistant, Brownhill Special School, Rochdale, England. |

**PUBLICATIONS (Student authors underlined)**

**JOURNAL ARTICLES:** (Refereed)

Crompton, H., & Burke, D. (in press). The Nexus of ISTE Standards and Academic Progress: A Mapping Analysis of Empirical Studies. TechTrends.

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Crompton, H., & Keane, J. (2012). Implementation of a one-to-one iPod Touch program in a middle school. *Journal of Interactive Online Learning, 11*(1), 1-18.

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**RESEARCH REPORTS:** (Refereed)

Bikson, T. K., Straus, S. G., Agnew, G., Kalra, N., McArthur, D., Crompton, H., Kase, C. & Leuschner, K. (2017). *Digital Resources for STEM Educators and Recommendations for Cyberlearning Initiatives:* Results from the National Science Foundation Digital Library/Distributed Learning Program Evaluation. https://www.rand.org/pubs/research_reports/RR414.html

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Crompton, H., & Holland, A. (2020). Mixed Methods Study of the Use of the Augmented Cognition Environment Extended Reality (ACE-XR) System in Munitions and Armament Systems Apprenticeship Training. US Air Force SBIR Office.

**CONFERENCE PROCEEDINGS:** (Refereed)

Guerreiro-Santalla, S., Duraes, D., Crompton, H., Novais, P., Bellas, F. (2023). Simulation-Based Adaptive Interface for Personalized Learning of AI Fundamentals in Secondary School. In: Moniz, N., Vale, Z., Cascalho, J., Silva, C., Sebastião, R. (eds) Progress in Artificial Intelligence. EPIA 2023. Lecture Notes in Computer Science (pp. 3-15), vol 14115. Springer, Cham. https://doi.org/10.1007/978-3-031-49008-8_1

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Giannakos, M., Doukakis, S., Crompton, H., Chrisochoides, N., Adamopoulos, N. & Giannopoulou P. (2014). Examining and mapping CS teachers' technological, pedagogical, and content knowledge (TPACK) in K-12 schools. In *Proceedings of Frontiers in Education.* https://doi.org/10.1109/FIE.2014.7044406

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Crompton, H. (March, 2020). Interview on COVID-19 and the Educational implications K-12. *University Business Magazine*

Crompton, H. (March, 2020). Quoted by CoSN in CoSN2020: Want to Boost Innovation in Education? Focus on Data. https://edtechmagazine.com/k12/article/2020/03/cosn2020-want-boost-innovation-education-focus-data

Crompton, H. (March 2020). Work with UNESCO in publishing the first set of numbers (290 million) of students out of school due to the COVID-19. It also included resources for teachers working online. https://en.unesco.org/covid19/educationresponse

Crompton, H. (Jan 2020). Radio Interview on national radio show regarding technology in education. *With Good Reason*.

Crompton, H., & Traxler, J. Old Dominion University - Crompton and Traxler to Release New Book in 2020 Critical Mobile Pedagogy: Cases of Inclusion, Development, and Empowerment. features in 2019 USAID and MEducation Alliance Newsletter.

Crompton's use of mobile devices in higher education featured in 2019 in *The Chronicle of Higher Education.*

Crompton's research on artificial intelligence featured in *Artificial intelligence in education: Compendium of promising initiatives (2019). UNESCO Paris*. https://unesdoc.unesco.org/ark:/48223/pf0000370307

Crompton's use of mobile devices in higher education featured 2015 in the article titled How some professors deploy mobile technology in their teaching in *The Chronicle of Higher Education.* https://www.chronicle.com/article/How-Some-Professors-Deploy/232493

**GRANTS AWARDED:**
*Equipping Pre-service teacher with digital pedagogies for the most marginalised 21st Century learners in post-Covid-19 [Grant based in South Africa]*
NRF: SRUG210307589105 Grant # 137940,  January 2022-December 2024

Agnes Chigona (Principal Investigator, Osman Sadeck (Co-Principal Investigator), Moses Moyo (Co-Principal Investigator), Helen Crompton (Collaborator), Nyarai Tunjera (Research Associate).
Contract Amount: 1,248,000.00 Rand ~ $86,247.00

*Advanced Ship-Handling Simulators Phase II*
Navy SBIR N18A-T014, October 2019 – September 2022
Eric Weisel (Principal Investigator), Helen Crompton (Co-Principal Investigator), Darryl Amason (Co-Principal Investigator), Krzystof Rechowicz (Co-Principal Investigator).
Contract Amount: $450,000.00  $1,350,000

*Coastal Virginia Maritime Advancement Programs (COVA MAP)*
GO VA, February 2020 – September 2023
Robert Robinson (Principal Investigator), Darryl Amason (Co-Principal Investigator), Helen Crompton (Co-Principal Investigator), Saikou Diallo (Co-Principal Investigator), Eric Weisel (Co-Principal Investigator).
Contract Amount: $1,532,500.00

*Junior Faculty Research Mentoring Program Competition*
Old Dominion University; Fall 2019 – Fall 2020
Jori Beck (Principal Investigator/Mentee), Helen Crompton (Co-Principal Investigator/ Mentor),
Contract Amount: $6,500.00

*VR Enabled Learning System for Aviation Contextualized Knowledge and Skills*
Newport News Public Schools, March 2019 – August, 2020.
Yiannis Papelis (Principal Investigator), & Helen Crompton (Co-Principal Investigator).
Contract Amount: $149,856.00

*Digital Intelligence Virtual Assistant (DIVA): Providing Timely Support to Students and Vital Data to Instructors*
Old Dominion University January 2019 – December 2019.
Helen Crompton (Principal Investigator), Karthik Navuluri (Co-Principal Investigator), & Yvette Pearson (Co-Principal Investigator).
Contract Amount: $3,000.00

*Writing the Rainbow: Improving Undergraduate Writing to Create LGBTQIA+ Texts*
Old Dominion University July 2018 – May 2019.
Helen Crompton (Principal Investigator), Judith Dunkerly-Bean (Co-Principal Investigator), & Cathleen Rhodes (Co-Principal Investigator).
Contract Amount: $19,440.00

*Google Earth for Onsite and Distance Education (GEODE)*
National Science Foundation DUE 1323419; September 2013 – May 2019.
Steven J. Whitmeyer (Principal Investigator), Jennifer Georgen (Co-Principal Investigator), Kristen St. John (Co-Principal Investigator), Helen Crompton (Co-Principal Investigator), & Andy Bentley.
Contract Amount: $2,196,307.00.

*GP-EXTRA: Engaging Students in Inclusive Geoscience Field Experiences via Onsite-Remote Partnerships*

National Science Foundation 1540652; September 2015 – December 2019.
Steven J. Whitmeyer (Principal Investigator), Christopher L. Atchison (Co-Principal Investigator), Helen Crompton (Co-Principal Investigator), & Jennifer L. Piatek (Co-Principal Investigator).
Contract Amount: $353,742.

*Junior Faculty Research Mentoring Program Award*
Old Dominion University; January 2015 – December 2015
Helen Crompton (Principal Investigator), Declan de Paor (Co-Principal Investigator),
Contract Amount: $10,000.00

*Verizon Mobile Learning Academy*
International Society for Technology in Education and the Verizon Foundation; June 2014 – December 2015
Helen Crompton (Principal Investigator)
Contract Amount: $18,000.00

*Verizon Innovative Learning Schools Mobile Learning and STEM*
International Society for Technology in Education and the Verizon Foundation; March 2014 – June 2015
Helen Crompton (Principal Investigator)
Contract Amount: $7,000.00

*Using Mobile Learning to Facilitate Student Questioning in Large Classes*
Faculty Innovator Grant; Fall 2014
Helen Crompton (Principal Investigator), Declan de Paor, & Stephen Burgin (Co-Investigators)
Contract Amount: $1,500.00

*Cyberlearning Synthesis and Taxonomy Creation.*
NSF Subcontract No. GOH/UNC 092123; February 2010  August 2010
David J. McArthur (Principal Investigator), Helen Crompton (Co-Principal Investigator),
Contract Amount: $39,058.00

## PAPERS PRESENTED AT PROFESSIONAL MEETINGS:
**Keynotes**

Crompton, H. (October, 2024). AI and education [Title TBD]. [Keynote speaker]. Navigating Ethical Integration of Gen-AI Higher Education Summit. Deans & Directors Higher Education Africa Summit. Johannesburg, South Africa.

Crompton, H. (October, 2024). AI and education [Title TBD]. [Keynote speaker]. Fully Online Distance Education Symposium. University of Pretoria, South Africa.

Crompton, H. (August, 2024). AI and education [Title TBD]. [Keynote speaker]. St. Joseph's College for Women, Tirupur, Tamil Nadu, India.

Crompton, H. (July, 2024). *Generative AI: Affordances and challenges for education.* [Keynote speaker]. International Conference on e-Learning. Budapest, Hungary.

Crompton, H. (July, 2024). *Technology in education* [Title TBD]. [Keynote speaker]. Georgia Association of Managers of Educational Information Systems. Savannah Georgia, USA.

Crompton, H. (2024). Artificial intelligence and eyecare (Title TBD). [Keynote speaker]. CooperVision Asia Singapore.

Crompton, H. (June, 2024). *UX VR design experiences* [Keynote speaker]. 10th International Conference of the Immersive Learning Research Network. Glasgow, UK.

Crompton, H. (June, 2024). *Rethinking dental education: ChatGPT's role, pitfalls, and promises*. [Keynote speaker]. Allied Dental Program Directors' Conference Washington DC.

Crompton, H. (May, 2024). *Navigating the new frontier: Generative AI in education*. [Keynote speaker]. INSPIRE Conference. Indonesia.

Crompton, H. (May, 2024). *Navigating AI integration in education: Strategies for academic coordinators.* [Keynote speaker]. International Schools of the Network, Mexico.

Crompton, H. (May, 2024). *Unlocking potential, addressing pitfalls: Artificial intelligence in the evolving classroom.* [Keynote speaker]. International scientific conference: ICT in Life. Osijek, Croatia.

Crompton, H. (May, 2024). U*nlocking potential, mitigating risks: Generative AI and the future of higher education.* Teaching & Learning Symposium. [Keynote speaker]. William and Mary University, Virginia USA.

Crompton, H. (2024). *Artificial intelligence and the implications in K-12 schools.* [Keynote speaker]. School Principals Annual Meeting, Cancun, Mexico.

Perry, G., Crompton, H., & Wagstaff, J. (2023). *Generative AI in higher education* [Keynote Panel]. TransformED. Kuala Lumpur, Malaysia.

Crompton, H. (2023). *Artificial intelligence and educational opportunities*. [Keynote speaker]. 10th Annual University of KwaZulu-Natal (UKZN, South Africa), Academic Monitoring and Support (AMS) Colloquium. Durban, South Africa.

Crompton, H. (2023). *Artificial intelligence and the challenges that may arise in the field of education*. [Keynote speaker]. 25th International Symposium on Educational Informatics. Escola Superior de Educação, Setúbal Polytechnic Institute. Portugal.

Crompton, H. (2023). *Striking a balance: Considering the affordances and challenges of ChatGPT in education.* [Keynote speaker]. International Conference on Academic Studies in Technology and Education. Antalya, Turkey.

Crompton, H. (2023). *Examining the Challenges and Opportunities of ChatGPT in Distance Education.* [Keynote speaker]. Association for Distance Education and Independent Learning. Old Dominion University, Norfolk, VA.

Crompton, H. (2023). *ChatGPT: Reshaping the future of optometry education*. [Keynote speaker]. 4th IVI International Optometry Conference. Chennai, India.

Crompton, H. (2023).*ChatGPT: Education Reimagined.* [Keynote speaker]. 13th Panhellenic/International Conference "ICT in Education. Kavala, Greece.

Crompton, H. (2023). *ChatGPT: Education Reimagined.* [Keynote speaker]. 11th Panhellenic Conference "Didactis of Informatics. Kavala, Greece.

Crompton, H. (2023). *ChatGPT and Education: Exploring the Perils and Possibilitie*. [Keynote speaker]. IACLE Fourth World Conference (held decennially), Birmingham, England.

Crompton, H. (2023). *ChatGPT and education: The changing educational landscape.* [Keynote speaker]. Challenges and Opportunities of ChatGPT in Education Symposium. United Nations-OREALC/UNESCO Latin America and the Caribbean.

Crompton, H. (2023). *Developing a sustainable future by building educators' digital skills.* [Keynote speaker]. SEVIC Sustainable Development Landmarks [Keynote speaker]. Ivano-Frankivsk, Ukraine.

Crompton, H. (2023). *Artificial Intelligence and Education: Strategies for Teaching and Learning.* National Seminar of the Semper Altius School Network [Keynote speaker]. Cancun, Quintana Roo. Mexico.

Crompton, H. (2023). *Artificial intelligence in engineering education: Exploring opportunities and overcoming challenges*. [Keynote speaker]. International Conference on Remote Engineering and Virtual Instrumentation. Thessaloniki, Greece.

Crompton, H. (2023). *Transforming education: Innovative pedagogies + technologies.* Days of Teaching Conference. Center for Faculty Development. Old Dominion University, Norfolk, VA.

Crompton, H. (2023). *Immersive technologies - Innovation in education, training, and game design*. MSc Program, Hellenic University, Kavala, Greece.

Olvera, V., Crompton, H., & Vegas, E. (2021). *Women and girls: Inequities in EdTech.* [Plenary Panel Speaker]. EdTech Research Hub Girls & Tech: MEducation Alliance Symposium. (Other panelist affiliations, Olvera V. at The World Bank, & Vegas, E. at Brookings Institution.)

Crompton, H. (2021). *Mobile learning: Integration theories and a social ecological system approach.* [Keynote speaker]. International Conference on Interactive Mobile Communication, Technologies and Learning. Thessaloniki, Greece.

Crompton, H. (2021, July). *Technology integration frameworks: How to achieve high-impact technology use*. [Keynote speaker]. Student Residency. The Chicago School of Professional Psychology, Chicago, IL.

Crompton, H. (2021, July). *Technology to Empower Learners and Teachers* (Provisional Title). [Keynote speaker]. Virginia Association of Marketing Educators, Virginia Beach, VA.

Crompton, H. (2021). *Heutagogy in formal education: Building competency and capability with technology.* [Keynote speaker]. Setting the Pace: Learning through Innovation (PACE) Conference Old Dominion University, Norfolk, VA.

Crompton, H. (2021). *Agency, digital citizenship, and AI.* [Keynote speaker]. Setting the Pace: Learning through Innovation (PACE) Conference Old Dominion University, Norfolk, VA.

Crompton, H. (2020). *Exploring Artificial Intelligence*. Remote experience for young engineers and scientists (REYES) Conference Old Dominion University, Norfolk, VA.

Crompton, H. (2020). *Education reimagined with artificial intelligence*. [Keynote speaker]. Eduteka 2020 Icesi University, Cali, Colombia. [Cancelled due to COVID-19]

Crompton, H. (2021). *Contextualized Outdoor Learning: Digital Technologies Bringing Learning to Life*. [Keynote speaker]. Research on Outdoor STEM Education in the Digital Age (ROSETA) Conference, Porto, Portugal.[Cancelled due to COVID-19]

Crompton, H. (2020). The recent story of mobile learning: Subject content, cognition, and praxis. [Keynote speaker]. The World Conference on Mobile, Blended, and Seamless Learning Online Conference. Cairo, Egypt.

Crompton, H. (2019). *Moving to a mobile learning landscape: Effective device integration.* [Keynote speaker]. 2019 International Conference on Emerging Trends in Engineering, Sciences & Technology (ICEEST19), Iqra, Pakistan.

Crompton, H. (2019). *Artificial intelligence in education: Enhancing educational capabilities.* [Keynote speaker]. 2019 STEM Learning Summit, Longwood University, Farmville, VA.

Crompton, H. (2018). *Effective technology integration: Frameworks and theoretical considerations*. [Keynote speaker]. 2018 International Conference on Emerging Trends in Engineering, Sciences & Technology, Karachi, Pakistan.

Crompton, H. (2018). *Mlearning frameworks to build an effective, sustainable pedagogical infrastructure*. [Keynote speaker]. 17th World Conference on Mobile and Contextual Learning, Chicago, IL.

Crompton, H. (2017). *Using the mobile device as a tool to access educational opportunities: providing a future for refugees*. [Keynote speaker]. Lesbos Dialogues Conference, University of Agder, Norway, & the Municipality of Lesvos, Mytilene, Lesvos.

Crompton, H. (2017). *New technologies, new learning opportunities: Mobile technologies expanding and transforming education*. [Keynote speaker]. 2017 International Conference on Emerging Trends in Engineering, Sciences & Technology, Karachi, Pakistan.

Crompton, H. (2017). *Mobile learning: Opening new educational possibilities.* [Keynote speaker]. Open Spaces: ODU Library Summer Institute, Old Dominion University, Norfolk, VA.

Crompton, H. (2016). *Mobile technologies expanding educational opportunities*. [Keynote speaker]. SAI Computing Conference (formerly called Science and Information Conference), London, England.

Crompton, H. (2016). *Moving towards a mobile learning landscape: Effective device integration*. [Keynote speaker]. International Mobile Learning Festival 2016, Bangkok, Thailand.

Crompton, H. (2016). *Mobile learning: STEM in the classroom and beyond*. [Keynote speaker]. Noyce Learning Conference, Duke University, Durham, NC.

Crompton, H. (2015, August). *Librarians on the leading edge*. [Keynote speaker]. Norfolk Library Media Specialists, Norfolk, VA.

Crompton, H. (2015, May). *Mobile learning: Pushing the boundaries of traditional pedagogies*. [Keynote speaker]. Digital Life Environments Congress, Istanbul, Turkey.

Crompton, H. (2015, May). *Envisioning the future potential of educational technology*. [Keynote speaker]. World Conference on Lens Education held decennially, The University of Manchester, Manchester England.

Crompton, H. (2014). *21st Century skills for the digital age*. [Keynote speaker]. Virginia Society for Technology in Education Conference, Norfolk, VA.

Crompton, H. (2010). *21st Century schools*. [Keynote speaker]. EduTech Conference, Louisville, KY.

Crompton, H. (2010). T*eaching and learning in 21st Century Schools*. [Keynote speaker]. EduTech Conference, Cleveland, OH.

Crompton, H. (2010). *Darwikinism questioned*. [Keynote speaker]. EduTech Conference, Columbus, OH.

## Invited

Crompton, H. (January, 2025).  AI and education - Heads of Schools [Title TBD]. Virginia Association of Independent Schools. Charlottesville Virginia USA.

Crompton, H. (July 2024). AI and education- Division Directors [Title TBD]. Virginia Association of Independent Schools. Charlottesville Virginia USA.

Ahalt, S., Crompton, H., & Lane, C. (2024). Propelling GenAI in Education: What's Our role? A Panel Discussion. University of Chapel Hill, North Carolina, USA.

Crompton, H., de la Higuera, C., Kukulska-Hulme, A, & Corneloup, V. (2024). *AI and English language teaching and learning.*Artificial Intelligence and English language teaching: Preparing for the future, British Council, Paris, France.

Crompton, H. (2024). *Assessments - What to avoid with cheating and how to create new types of assessments using GenAI.* Association of Learning Technology. England

Crompton, H. (2024). *What the Board of Trustees needs to know about AI in Elementary Education: Building policies & guidelines.* Strelitz International Academy IB World School. Virginia Beach. USA.

Crompton, H. (2024). *Mastering ChatGPT: A guide for educators.* Mifflin County Academy of Science and Technology. Lewistown PA.

Crompton, H. (2024).*GenAI potential and pitfalls to guidelines and guardrails.* Indian River School District, Delaware, USA.

Crompton, H. (2024). *Artificial Intelligence: Strategies for Teaching and Learning.* Strelitz International Academy IB World School. Virginia Beach. USA.

Crompton, H. (2023). *Examining the Challenges and Opportunities of ChatGPT in Education.* Queen's University Belfast. Ireland.

Crompton, H. (2023). *Maximising Generative AI in Assessments: Ensuring Student Skill Evaluation*. TransformED. Kuala Lumpur, Malaysia.

D'Angelo, S., Crompton, H., Bloome, T. (2023). What Works in Technology and Education Projects: Insights from Current Evidence [Panel]. Rotary International NY, USA

Crompton, H. (2023). *AI in Education: A Closer Look at ChatGPT*. Air Force Institute for Technology, Center for Innovation in Education. Wright Patterson Air Force Base, Dayton Ohio. USA.

Crompton, H. (2023). *ChatGPT and AI 101.* ODU's Institute for Innovation and Entrepreneurship. Old Dominion University. Norfolk, VA.

Crompton, H. (2023). *Strategies for Academic Reading.* ResearchIC. Toyohashi University of Technology. Aichi, Japan.

Crompton, H., Edmett, A., & Ichaporia, N. (2023). *Language learning and AI.* British Council and BETT Asia. Bangkok, Thailand.

Crompton, H., Hood, T., Edmett, A., & Ichaporia, N. (2023). *AI in ELT research.* The use of technology in English programmes. British Council. United Kingdom.

Crompton, H. (2023). *Moving toward a mobile learning landscape: Effective device integration.* The Asian-Pacific Society for Computer in Education. Hong Kong.

Crompton, H. & Galea, S. (2023). Artificial intelligence in higher education. Public Health Conversation Starters series. Boston University of Public Health. https://www.bu.edu/sph/conversations/education/in-conversation-with-helen-crompton/

Crompton, H. (2023). *Artificial intelligence (AI) systems in higher education - The dynamics of trust.* Atria University, Bengaluru India.

Butschi, S., Charles, R., Crompton, H., Garry, A., Jabbour, M., Okal-Frink, J., Saraf, V., & South, J. (2023). *Thank tank: Impact of emerging technologies on education.* International Society for Technology in Education Conference. Philadelphia, USA.

Crompton, H. (2023). *Artificial intelligence: Preparing future educators.* International Society for Technology in Education. ISTE Faculty Fellowship.

Crompton, H. (2023). *The implications of AI tools in teaching and learning: The case of ChatGPT.* The University of Johannesburg, South Africa.

Crompton, H. (2023). *Generative AI: Creating text, images, and music for educational purposes.* Cape Peninsual University of Technology. Cape Town South Africa.

Crompton, H. (2023). *Transforming education with ChatGPT.* Cape Peninsula University of Technology. Cape Town, South Africa.

Crompton, H. et al. (2023). *Challenges and Opportunities of ChatGPT in Education.* Panel Symposium. United Nations-OREALC/UNESCO Latin America and the Caribbean.

Crompton, H., Jabbour, M., & Garry, A. (2023). *AI for Superintendents: Weighing the Pros and Cons of Tools Like ChatGPT Panel Presentation.* American Association of School Administrators. (Jabbour CIO from Microsoft, and Garry from Dell). https://www.youtube.com/watch?v=1zBXCDjsCMQ

Crompton, H. (2023). *Artificial intelligence and postdigital education.* Cape Peninsula University of Technology. South Africa.

Crompton, H. (2023). Technology promoting partnerships among the United Nations civil society commuity. GLOBAL NGO.

Crompton, H. (2023). *AIEd in postdigital higher education.* Universidade do Minho, Portugal.

Crompton, H. (2023). *AIEd: A new era in higher education.* Universidade da Coruña, Spain.

Crompton, H., Zawacki-Richter, O. & Salas-Pilco S. Z. (2022). AI and learning research: State of the field. Empowering Learning.AI The Global Research Alliance for AI in Learning and Education. Australia.

Kelly, A., Crompton, H, & Hollow, D.. (2022). Supporting girls' education with strategic use of technology in developed and developing countries. Invited by the World Bank to speak at the mEducation Alliance Symposium. The US Institute of Peace. Washington DC.

Crompton, H. (2022). Global digital literacy. mEducation Alliance Symposium. The US Institute of Peace. Washington DC.

Crompton, H. (2022). *Models for effective technology integration and mobile devices in education.* Cape Peninsula University of Technology. South Africa.

Crompton, H. (2022). *Students as empowered changemakers: Artificial intelligence knowledge and tools to solve problems.* Cape Peninsula University of Technology. South Africa.

Crompton, H. (2022). Global digital literacy and academic writing. Cape Peninsula University of Technology. South Africa.

Arias Ortiz, E., Crompton, H., El Yayeb El-Kogali, S., & Walrond-Lewis, Q.  (2022). International Leaders Talk about New Learning Landscapes. International Society for Technology in Education ISTELive22. New Orleans LA.

Devanney, P., Crompton, H., Aviles, C., & Heinz, P. (2022). Perspectives: Finding common ground. Class Link Podcast.  New Orleans LA.

Crompton, H. (2022). Heutagogy, Technology, and Formal Education. Chicago School of Professional Psychology. Chicago.

Crompton, H. (TBD after Covid-19). *Artificial intelligence*. St. Stephen's International School, Rome, Italy.

Restauri, S., Crompton, H., Miller, M. (2022). State of the discipline futuring panels: Educational psychology. Chicago School of Professional Psychology. Chicago.

Crompton, H. (March 2022). Digital Inequities and Girls' Education. UNICEF & Rotary Club. Washington DC.

Crompton, H. (2022). Diving into qualitative research: Methodologies, research questions, & output. Digital Badges Series. Chicago School of Professional Psychology. Chicago.

Crompton, H. (2022). Reducing education losses during emergencies with remote education and AI. Global NGO Innovation Academy.

Crompton, H. (2021). *Strategies for addressing the digital divide in STEM classrooms.* Smithsonian Institute. Washington DC.

Crompton, H. (2021). *Academic writing strategies for quality, content, and flow.* [Online] American Association of School Librarians.

Crompton, H. (2020). *Academic writing strategies for quality, content, and flow*. [Online] Darden College of Education and Professional Studies. Old Dominion University. Norfolk, Virginia.

Crompton, H., & Gangone, L. M. (2020). *Uncovering lessons learned and strategies for higher education during the COVID-19 pandemic.* [Online]. American Association of Colleges for Teacher Education.

Crompton, H. (2020). *XReality.* [Online]. HIP-XR. Old Dominion University. Norfolk, Virginia.

Crompton, H. (2020). *Policy forum (education technology expert) to discuss how AI is being used in education*. [Presentation]. United Nations Educational, Scientific and Cultural Organization (UNESCO) Headquarters in collaboration with the International Telecommunications Union (UN-ITU), Paris, France.

Crompton, H. (2020). *Technology in Schools: The Good, the Bad, and the Ugly*. Science Pubs ODU- ODU Office of Research. Norfolk, VA.

Crompton, H. (2019). *Pedagogy, Andragogy, Heutagogy, and Technology: A Review of Integration Frameworks* [Podcast series recorded at the University]. *The Chicago School of Professional Psychology.*

Crompton, H. (2019). *Technology integration frameworks*. Rutgers University, Piscataway, NJ.

Crompton, H. (2019). *Policy forum (Mobile learning expert) to discuss the different pathways that governments are using to harness AI and ensure that it does not deepen the existing inequalities in AI-powered education*. [Presentation] United Nations Educational, Scientific and Cultural Organization (UNESCO) Headquarters in collaboration with the International Telecommunications Union (UN-ITU), Paris, France.

Crompton, H. (2018). *Mobile learning frameworks for effective integration*. [Skype presentation]. Universidade Estadual de Santa, Bahia, Brazil.

Crompton, H. (2018). *Provost's spotlight series: Conversation with Dr. Helen Crompton*. Old Dominion University, Norfolk, VA.

Crompton, H. (2018). *Mobile Technologies and Robots: Effective Educational Implementation*. Rutgers University, Piscataway, NJ.

Crompton, H. (2018). *Education 4.0. UNESCO International Forum Industry 4.0*. Universidad del Tecnológico de Monterrey in León-Guanajuato, Mexico.

Crompton, H. (2018). M*learning for teaching and organization. Human Services Program Retreat*. Old Dominion University, Norfolk, VA.

Crompton, H. (2018). *Mobile Learning Unpacked*. [Skype presentation]. Athabasca University, Athabasca, Canada.

Crompton, H. (2018). *Mobile Learning supporting refugees*. [Presentation]. Startup Experience, Lesvos, Greece.

Crompton, H. (2018). *An ecological framework*. [Presentation]. International symposium for the DGfE 2018, Deutsche Forschungsgemeinschaft, Duisburg-Essen, Germany.

Crompton, H. (2017). *Mobile learning: Technology integration at its best*. Newport News Schools, Newport News, VA.

Crompton, H. (2017). P*olicy Forum speaker and participant on the refugee crisis in Mitilini, Greece (Mobile learning expert).* [Presentation]. *L*esbos Dialogues. Invited by the Municipality of Lesvos and the University of Agder, Norway. Forum held in Mitilini, Greece.

Crompton, H. (2017). *Mobile learning in the sciences: Transforming field trips with virtual and augmented reality*. [Presentation]. The Geological Society of America, Seattle, WA.

Crompton, H., & Asija, J-P. (2017). *ISTE's Verizon Mobile Learning Academy*. [Presentation]. WHRO Public Broadcasting Service, Norfolk, Virginia.

Crompton, H., & Asija, J-P. (2017). *Educational technologies to support in the teaching and learning of mathematics*. [Presentation]. National Aeronautics and Space Administration (NASA)*,* Virginia Air and Space Center, Hampton, Virginia.

Crompton, H. (2017). *Mobile learning: A pedagogical lens*. [Presentation]. Virginia Modeling, Analysis & Simulation Center, Old Dominion University, Norfolk, VA.

Crompton, H. (2017). *A Framework for Mobile Learning Integration*. [Presentation] Université du Luxembourg, City of Luxembourg, Luxembourg.

Crompton, H. (2017). *Strategy Lab – Digital Innovations for SDG 4: Human Centered Design in Low-resources settings: The case of education during emergencies*. [Presentation]. International Telecommunications Union (ITU), Paris, France.

Crompton, H. (2017). *Policy Forum (Mobile learning expert) to discuss how mobile learning can be used to support education of populations in crisis or displacement*. [Presentation]. United Nations Educational, Scientific and Cultural Organization (UNESCO) Headquarters, Paris, France.

Crompton, H. (2016). *Extend and enhance learning with mobile devices*. [Presentation]. Strategic impact of information communication technologies on public and private sector. IEEE International Conference on Open Source Systems and Technologies. University of Engineering and Technology, Lahore, Pakistan. (Requested by the Government of Punjab Pakistan to be an Invited Distinguished Speaker and attend in person but due to travel safety concerns presented via Skype).

Crompton, H. (2016). *Technology to bring cultures together*. [Presentation]. World View's Global Education K-12 Symposium. The William and Ida Friday Center for Continuing Education, The University of North Carolina at Chapel Hill, NC.

Crompton, H. (2016). *Learner-Centered Teaching with Technology*. [Presentation]. Garfield County Technology Training, Rifle, CO.

Crompton, H. (2016). *Mobile learning in k-12 and higher education*. [Presentation]. Association of Private Education in Puerto Rico. San Juan, Puerto Rico.

Crompton, H. (2015). *Policy Forum.* [Presentation]. United Nations Educational, Scientific and Cultural Organization (UNESCO) Headquarters, Paris, France. (Policy forum focused on exploring how mobile technology can be leveraged to improve education and accelerate the learning of women and girls.)

Crompton, H. (2015). *Harnessing the power of mobile technologies for collaborating, crowdsourcing, and creating*. [Presentation]. American Geophysical Union, San Francisco, CA.

Crompton, H. (2015). *Contextualizing Mathematics Learning with Technology*. [Presentation]. Trinity College, Dublin, Ireland.

Crompton, H., & Summers R. (2014). *Technologies to facilitate student interaction*. [Presentation]. Visiting Faculty from China, Old Dominion University, Norfolk, VA

Crompton, H., Nixon-Saintil, J., Ramos, Y., Linksens, J., & Olszewski, B. (2014). *Developing your mobile learning landscape: From readiness to digital citizenship*. [Presentation]. United States Department of Education. ConnectED WhiteHouse Initiative. Online.

Crompton, H. (2014). *Technology tools for modeling concepts.* [Presentation]. National Aeronautics and Space Administration (NASA), Hampton, VA.

Crompton, H., & Eskelinen, S. (2014). *Effectively using mobile phones in the classroom*. [Presentation].  Microsoft. Online.

Crompton, H. (2013). *Today's technologies in education*. [Presentation]. Apple Conference, Chapel Hill, NC.

Crompton, H. (2011). *Podcasts and vodcasts for the classroom*. [Presentation]. EduTech Conference, Toledo, OH.

Crompton, H. (2011). *Technology in the K-2 math classroom*. [Presentation] EduTech Conference, Toledo, OH.

Crompton, H. (2011). *Technology enhancing the teaching and learning of 3rd-5th grade mathematics*. [Presentation]. EduTech Conference, Toledo, OH.

Crompton, H. (2010). *Nings and twitter for teachers*. [Presentation]. EduTech Conference, Louisville, KY.

Crompton, H. (2010). *Using technology to support the teaching and learning of mathematics in the K-2 classroom.* [Presentation]. EduTech Conference, Louisville, KY.

Crompton, H. (2010). *Using technology to support the teaching and learning of mathematics in the 3-5 classroom.* [Presentation]. EduTech Conference, Louisville, KY.

Crompton, H. (2010). *Podcasts and vodcasts for teaching and learning.* [Presentation]. EduTech Conference, Louisville, KY.

Crompton, H. (2010). *Using technology to support the teaching and learning of mathematics in the K-2 classroom.* [Presentation]. EduTech Conference, Columbus, OH.

Crompton, H. (2010). *Using technology to support the teaching and learning of mathematics in the 3-5 classroom.* [Presentation]. EduTech Conference, Columbus, OH.

Crompton, H. (2010). *Podcasts and vodcasts for teaching and learning.* [Presentation]. EduTech Conference, Columbus, OH.

Crompton, H. (2010). *Technology in the K-2 math classroom.* [Presentation]. EduTech Conference, Cleveland, OH.

Crompton, H. (2010). *Technology in the 3-5 math classroom.* [Presentation]. EduTech Conference, Cleveland, OH.

Crompton, H. (2010). *Podcasts and vodcasts: Join the multimedia revolution.* [Presentation]. EduTech Conference, Cleveland, OH.

Crompton, H., Goldstein, C., Keane, J., & Lathan, J. (2010). *K-12 Teacher translational session.* [Lead facilitator of presentation]. CHAT (Collaborations: Humanities, Arts & Technology) Festival. University of North Carolina at Chapel Hill, NC.

Anderson, J., Bolick, C., Crompton, H., Oliver, K., & Young, C., (2010). *K-12 Teacher translational session.* [Presentation]. CHAT (Collaborations: Humanities, Arts & Technology) Festival, University of North Carolina at Chapel Hill, NC.

Crompton, H. (2010). *Using vodcasts and podcasts in the math classroom.* [Presentation]. CHAT (Collaborations: Humanities, Arts & Technology) Festival, University of North Carolina at Chapel Hill, NC.

Crompton, H. (2010). *Technology working for Education.* [Presentation]. Community Schools of OH, Online.

Crompton, H. (2010). *21ˢᵗ Century teaching and learning.* [Presentation]. Visiting International Faculty, Durham, NC.

Brubaker C, & Crompton, H. (2009). *Teaching in the U.S.: Preparing for success.* [Presentation]. Visiting International Faculty. Durham, NC.

Crompton, H. (2008). *How to make math fun using technology.* [Presentation]. Elon University, NC.

Crompton, H. (2008). *How to make math fun using technology.* Chapel Hill-Carrboro City School District, NC.

Crompton, H. (2008). *Practical ideas to incorporate technology into the K-2 classroom,* Burlington School District, NC.

Crompton, H. (2008). *Practical ideas to incorporate technology into the 3-7 classroom.* Burlington School District, NC.

Crompton, H. (2007). *Hands-on science*. University of North Carolina at Greensboro, NC. (Undergraduate 4-hour workshop).

Crompton, H. (2007). *Cultural differences in teaching.* Society for Intercultural Education, Training and Research (SIETAR-NC), Chapel Hill, NC.

Brubaker, C. & Crompton, H. (2007). *Connecting Students and Teachers.* International School-Sister Partnerships, Greensboro, NC.

**International (Refereed)**

Crompton, H., Culver, C., Hernandez, M., Hooker, C., Phyall, A., Smith, E., Sparvell, M., & Zimmerman, M. (2024). Blindsided: Behind the scenes of a documentary on the artificial intelligence blitz. International Society for Technology in Education. Denver, USA.

Edmett, A., Ichaporia, N., Felice, M., Crompton, H., & Lightfoot A. (2024). *The Future of English in the age of AI* [British Council signature event). International Association of Teachers of English as a Foreign Language. Brighton, England.

Guerreiro-Santalla, S., Crompton, H., Bellas, F. (2023). *Simulation-Based Adaptive Interface for Personalized Learning of AI Fundamentals in Secondary School.* Encontro Português de Inteligência Artificial Conference. Faial Island, Azores, Portugal.

Guerreiro-Santalla, S., Crompton, H., Bellas, F. (2023). *RoboboITS: a Simulation-Based Tutoring System to Support AI Education through Robotics.* International Conference on Artificial Intelligence in Education. Tokyo, Japan.

Crompton, H.,Garry, A., & Jabbour, M. (2023). Generative AI - Asking the Right Questions. International Society for Technology in Education. Philadelphia, USA.

Crompton, H. Ruggles, K., IIieva, V., and Greene, K. (2023). *What Evidence Is There That the ISTE Standards Work?* International Society for Technology in Education. Philadelphia, USA.

Crompton, H., Greene, K., LLieva, V., & Ruggles, K. (2023). *Facilitating the ISTE educator preparation programs for digital equity and transformation pledge.* International Society for Technology in Education. Philadelphia, USA.

Dené Poth, R., & Crompton, H. (2021). *Immerse Students in Learning With AI, AR and VR!* International Society for Technology in Education ISTELive22. New Orleans LA.USA

Crompton, H. (2021). *Mobile learning: A summary of systematic reviews of pk-12 and higher education.* American Education Research Association [Paper Presentation as part of a group submission by Dr. R. Azevedo on Self-Regulated Learning] Annual Meeting of the American Educational Research Association, Virtual.

Holmes, W., & Crompton, H. (2020). *The UNESCO teaching Artificial Intelligence (AI) for K12 portal*. [Conference & Workshop]. International Conference in Artificial Intelligence K-12. International Workshop on Education in Artificial Intelligence K-12. Online.

Dunkerly-Bean, J. M., Crompton, H., Taylor, V. & Morris, J. (2020, Apr 17 - 21) *"I wasn't even sure what the letters meant": Increasing undergraduate teacher candidates' LGBTQIA+ allyship through interdisciplinary writing*. AERA Annual Meeting, San Francisco, California. http://tinyurl.com/sadzp4k (Accepted, Conference Canceled)

Crompton, H., Pearson, Y., & Navuluri, K. (2019). *Digital Intelligence Virtual Assistant (DIVA).* [Paper presentation]. Mobile Learning Week: United Nations Educational, Scientific and Cultural Organization (UNESCO) Headquarters, Paris, France.

Crompton, H., & Burke, D. (2019). *Mobile learning and student cognition: A systematic review of prek-12 research using Bloom's Taxonomy*. American Educational Research Association, Toronto, Canada.

Marshall, A., Atchison, C. L., Collins, T., Whitmeyer, S., Pyle, E., Crompton, H., Piatek, J., & Carabajal, I., G. (2018). *Academic and social engagement through student-led photo and video documentation in collaborative geoscience field learning. T*he Geological Society of America, Indianapolis, IN.

Crompton, H., Khaddage, F., Shraim, K., & Dunkerly-Bean, J. (2018). *Mobile Learning for the Workforce: Educational Needs Assessment at a Refugee Camp in Lesvos*. [Paper presentation]. Mobile Learning Week: United Nations Educational, Scientific and Cultural Organization (UNESCO) Headquarters, Paris, France.

Khaddage, F., & Crompton, H. (2018). *Water, Food, Shelter and a Mobile Phone Mobile Learning Despite Crises Syrian Refugees' Case Study*. [Paper presentation]. Society for Information Technology and Teacher Education, Washington DC.

Khaddage, F., & Crompton, H. (2018). *Towards an Innovative Approach for Teacher Education: Training Teacher to Train (TTT) Model*. [Paper presentation]. Society for Information Technology and Teacher Education, Washington DC.

Crompton, H., & Shraim, K. (2017). *Educational needs assessment and mlearning exploration at a refugee camp in Jordan*. [Paper presentation]. Mobile Learning Week: United Nations Educational, Scientific and Cultural Organization (UNESCO) Headquarters, Paris, France.

Collins, T., Crompton, H., Marshall, A. M., Whitmeyer, S., Atchinson, C., Pyle, E. J., Carabajal, I. G., Piatek, J., & Eriksson. S. C. (2017). *Investigating models of technology-enhanced group work on an inclusive international field trip*. [Paper presentation]. The Geological Society of America, Seattle, WA.

Crompton, H., Collins, T., Whitmeyer, S., Atchinson, C., Piatek, J., Pyle, E. J., Erikkson, S., Marshall, A. M, Carabajal, I. G. (2017). *Using mobile technologies to develop inclusive geology field experiences for students with mobility disabilities*. [Paper presentation]. The Geological Society of America, Seattle, WA.

Piatek, J. L., Whitmeyer, S., Atchinson, C., Marshall, A. M., Pyle, E. J., Erikkson, S. C., Crompton, H., Collins, T., Carabajal, I. G. (2017). F*ostering inclusion and interest in geoscience courses using panoramic and 3D visualizations*. [Paper presentation]. *T*he Geological Society of America, Seattle, WA.

Asija, J. P., Crompton, H. Lin, Y-C., & St John, K. (2017). *A formative evaluation of digital technology geoscience education tools*. [Paper presentation]. The Geological Society of America, Seattle, WA. https://doi.org/10.1130/abs/2017AM-297869

Lin Y-C, Crompton, H., Asija, J. P, St. John, K. & Elgaouni, O. (20017). *College students' geoscience course engagement and satisfaction associated with choosing geoscience majors*. [Paper presentation]. The Geological Society of America, Seattle, WA.

Crompton, H., & Shraim, K. (2017). *Educational needs assessment and mlearning exploration at a refugee camp in Jordan*. [Paper presentation]. Mobile Learning Week: United Nations Educational, Scientific and Cultural Organization (UNESCO) Headquarters, Paris, France.

Crompton, H., Papelis, Y., Burke, D., & Jovanovic, V. (2017) *Coming to understand algebra through the use of robots.* [Research paper presentation]. International Society for Technology in Education, San Antonio, TX.

Crompton, H. (2017). *Peer coaching to engage teachers in technology integration*. [Paper presentation]. International Society for Technology in Education, San Antonio, TX.

Luo, T., & Crompton, H. (2017). *Viability of using Twitter as a discussion tool*. [Paper presentation]. Hong Kong Association of Educational Communications Technology, Hong Kong.

Crompton, H., Rippard, K., & Sommerfeldt, J. (2017). *Pre-Service Teachers' Social Networking Decisions and Professional Development Needs*. [Paper presentation]. American Educational Research Association, San Antonio, TX.

Crompton, H., Burgin, S., Gregory, K.H., De Paor, D. & Summers, R. C. (2017). *Using mobile devices to facilitate student questioning in large undergraduate science classes*. [Paper presentation]. American Educational Research Association, San Antonio, TX.

Crompton, H., De Paor, D. G. Whitmeyer, S. J., & Bentley, C. (2016). *Mobile devices, virtual reality, augmented reality, and digital geoscience education.* [Paper presentation]. American Geophysical Union, San Francisco, CA.

Khaddage, F., Lattemann, C., & Crompton, H. (2016). *Towards a persuasive design pattern for a gamified m-learning environment*. [Paper presentation]. World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, Washington DC.

Dordevic, M., Coba, F., Crompton, H. et al. (2016). *Digital earth resources for primary, secondary, and tertiary geoscience education*. [Paper presentation]. The Geological Society of America, Denver, CO.

Crompton, H., Dunleavy, M., & De Paor, D. (2016). *FreshAiR and field studies-Augmenting geological reality with mobile devices*. [Paper presentation]. The Geological Society of America, Denver, CO.

Crompton, H. (2016). *Geological field trips and mobile devices: The Pokemon go approach to geoeducation*. [Paper presentation]. The Geological Society of America, Denver, CO.

De Paor, D., Whitmeyer, S. J., Crompton, H., & Dordevic, M. (2016). *Smart mobs in the field: Harnessing the global brain for geological mapping.* [Paper presentation]. The Geological Society of America, Denver, CO.

Crompton, H., Burke, D., Sunday, K., Baker, P., Gregory, K., & Asija, J. (2016). *Humanoid robots supporting children's intellectual and social dispositions in an early childhood setting*. [Paper presentation]. Society for Information Technology and Teacher Education, Savannah, GA.

Crompton, H., Rippard, K., & Sommerfeldt. (2016). *Pre-service teacher social networking decisions and training needs: A mixed-methods study*. [Paper presentation]. Society for Information Technology and Teacher Education, Savannah, GA.

Crompton, H., Rippard, K., & Sommerfeldt. (2016). *Using technology to transform learning: Tell ISTE what students need to know for the future*. [Paper presentation]. Society for Information Technology and Teacher Education, Savannah, GA.

Crompton, H. (2016). *ISTE's Mobile learning framework*. [Paper presentation]. Society for Information Technology and Teacher Education, Savannah, GA.

Crompton, H. & Giannakos, M. (2016). *Mobile applications to support learning activities in a science center*. [Paper presentation]. American Educational Research Association, Washington, D.C.

Dunkerly-Bean, J. & Crompton, H. (2015). *The role of mobile learning in promoting literacy and human rights for women and girls in alternative session: New literacies, equity, imagination and research: How have new digital media/literacies impacted education, society and the economy?* [Paper presentation]. Literacy Research Association 65th Annual Conference, Carlsbad, CA.

Shraim, K., & Crompton, C. (2015). *Perceptions of pedagogical affordance of smart mobile technology*. [Paper presentation]. International Conference on Education in Mathematics, Science & Technology (ICEMST), Antalya, Turkey.

Crompton, H., & Dunkerly-Bean, J. (2015). *Promoting literacy and human rights for women and girls through mobile learning.* [Presentation: Mobile Learning Week]. United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris, France.

Crompton, H., & Shraim, K. (2015). *Technological Pedagogical Content Knowledge (TPACK) framework for teachers' professional development.*[Paper presentation]. *Digital Life Environments Congress.* Istanbul, Turkey.

Crompton, H., & De Paor, D. (2015). *Context-sensitive Mobile Learning in the Geosciences: Augmented and Virtual Realities, Paper #253474.* [Paper presentation]. Geological Society of America Northeast Section Meeting, Bretton Woods, NH.

Burgin, S. R., Crompton, H., Gregory, K. H., De Paor, D., & Summers, R. (2015). *Using mobile technologies to facilitate student-to-teacher questioning in a large undergraduate astronomy course.* [Paper presentation]. Annual Meeting of the National Association for Research in Science Teaching, Chicago, IL.

Crompton, H., Dunleavy, M., & De Paor D. (2014). *FreshAiR and Field Studies-Augmenting Geological Reality with Mobile Devices.* [Paper presentation]. American Geophysical Union Fall Conference, San Francisco, CA.

Crompton, H., Burgin, S., De Paor, D., Gregory, K., & Summers, R. (2014). *A Qualitative Study to investigate the Use of Mobile Learning to facilitate Student Questioning in a Large University Classroom.*[Paper presentation]. The World Conference on Mobile and Contextual Learning, Istanbul, Turkey.

Giannakos, M., Doukakis, S., Crompton, H., Chrisochoides, N., Adamopoulos, N. & Giannopoulou P. (2014). *Examining and mapping CS teachers' technological, pedagogical, and content knowledge (TPACK) in K-12 schools.* [Paper presentation]. Frontiers in Education, Madrid, Spain.

Crompton, H., & Burke, D. (2014). *Review of trends in mobile learning studies in mathematics: A meta–analysis.* [Paper presentation]. The World Conference on Mobile and Contextual Learning, Istanbul, Turkey.

Crompton, H., Dunleavy, M., & De Paor D. (2014). *Mobile devices, augmented reality, and synchronous versus asynchronous delivery of geoscience field classes.* [Paper presentation]. The Geological Society of America Annual Meeting and Exposition, Vancouver, BC, Canada.

Crompton, H., Dunkerly Bean, J., & Giannakos, M. (2014). *A design-based research study to develop a flipped classroom framework in higher education.* [Paper presentation]. Lilly International Conference on College and University Teaching and Learning, Bethesda, MD.

Crompton, H. (2014). *Design-based research methodology - bridging the gap between research and teaching practice.* [Paper presentation]. Lilly International Conference on College and University Teaching and Learning, Bethesda, MD.

Crompton, H. (2014). *Using mobile learning to support students' understanding in geometry: A design-based research curriculum study.* [Paper presentation]. Society for Information Technology and Teacher Education Conference, Jacksonville, FL.

Crompton, H. (2014). *Context aware ubiquitous learning used to support students' understanding in geometry.* [Paper presentation]. Mobile Learning Conference, Madrid, Spain.

Crompton, H. (2014). *Flipping the classroom in higher education: A design-based research study to develop a flipped classroom framework*. [Paper presentation]. Society for Information Technology and Teacher Education International Conference, Jacksonville, FL.

Crompton, H. (2014). *Educators' self-identified mobile learning training needs: A qualitative study involving educators from 12 diverse North American States.* [Paper presentation]. Society for Information Technology and Teacher Education International Conference, Jacksonville, FL.

Crompton, H. (2014). *Using context-aware ubiquitous learning to support students in learning geometry.[Paper presentation].* Bristol Ideas in Mobile Learning Conference, Bristol, England.

Giannakos, M., Jones, D., Crompton, H., & Chrisochoides, N. (2014). *Designing playful games and applications to support science center's learning activities.* [Presentation]. Human Computer Interaction (HCI) International Conference, Crete, Greece.

Crompton, H. (2014). *The mobile learning training needs of educators in technology enabled environments*. [Paper presentation]. American Educational Research Association, Philadelphia, PA.

Crompton, H. (2014). *Understanding angle and angle measure: A design-based research study using context-aware ubiquitous learning.* [Presentation]. American Educational Research Association, Philadelphia, PA.

Crompton, H., & Coudruff, J. (2013). *To the Alamo and beyond: QR code walking tour.* [Workshop]. International Society for Technology in Education (ISTE), San Antonio, TX.

Crompton, H., & Melton, R. (2012). *SIGML Forum: There is an app for that!* [Presentation]. International Society for Technology in Education (ISTE), San Diego, CA.

Crompton, H. (2013). *Connecting students to real-world mathematics with mobile apps*. [Paper presentation]. Global STEMx Education Conference MOOC, Online.

Soloway, E. Crompton, H., Van 't Hooft, M. et al. (2012). *SIGML meeting and white papers theory to practice.* [Presentation]. International Society for Technology in Education (ISTE), San Diego, CA.

Van T Hooft, M. & Crompton, H. (2012). *QR Code Tour*. [Workshop]. International Society for Technology in Education (ISTE), San Diego, CA.

Anderson, J., Justice, J., Nichols, K., Jones, J., Wall, S., Crompton, H., Altheiser, L., & Boyd, A. (2011). *The affordances of blogging on establishing communities of practice in a pre-service elementary teacher education program*. [Paper presentation]. American Educational Research Association, New Orleans, LO.

Anderson, J., Justice, J., Nichols, K., Jones, J., Wall, S., Althiser, L. Crompton, H., & Boyd, A. (2011). *The affordance of blogging on established communities of practice in a pre-service elementary teacher education program.* [Paper presentation]. South-Eastern Association of Educational Studies (SEAES), University of North Carolina at Chapel Hill, Chapel Hill, NC.

Crompton, H., & McArthur, D. (2011). *Taxonomy and synthesis of cyberlearning projects funded by the NSF*. [Paper accepted]. World Multiconference on Systemics, Cybernetics and Informatics, Orlando, FL.

Crompton, H. et al. (2011). *There is an app for that*. [Presentation]. Learning Without Frontiers: International Festival of Learning and Technology, Islington, London.

Crompton, H. et al. (2011). *TAP-it: Touch Accessible Platform for Interactive Technology.* [Presentation]. British Educational Training and Technology Conference (BETT), Kensington, London.

Crompton, H., Soloway, E., & Norris, C. (2011). *Mobile learning tutorial.* [Presentation]. International Society for Technology in Education (ISTE), Philadelphia, PA.

Van T Hooft, M., Crompton, H., Greenhut, S., & McNeal, T. (2011). *Digital-age teaching & learning: Learning with mobile devices.* [Workshop]. International Society for Technology in Education (ISTE), Philadelphia, PA.

Sorensen, K., Gutierrez, A., & Crompton, H. (2011). Mobile meet up [Informal poster presentation]. (Organized and presented a poster titled Implementation of a one-to-one iPod Touch program). International Society for Technology in Education (ISTE), Philadelphia, PA.

Crompton, H. (2010). *A meeting of cultures: A step towards culturally congruent teaching*. [Presentation]. American Educational Studies Association (AESA). Denver, CO.

Crompton, H. (2010). *Developing critical thinking skills with web 2.0.* [Presentation]. Improving University Teaching Conference (IUT), Washington D.C.

Crompton, H. (2010). *Creating podcasts for the mathematics classroom*. [Presentation]. International Society for Technology in Education (ISTE), Denver, CO.

Crompton, H. (2010). *Get out on a digitally enhanced tour of Denver's public art*. [Workshop]. International Society for Technology in Education (ISTE), Denver, CO.

Crompton, H. (2009). *Incorporating technology in math using interactive teaching tools.* [Presentation and poster session]. National Educational Computing Conference (NECC), Washington, DC.

Davis, V., Crompton, H., et al. (2009) *iPhone/iTouch birds of a feather.* [Presentation]. National Educational Computing Conference (NECC), Washington, DC.

McNeal, T., van't Hooft, M., & Crompton, H. (2009) *Special interest groups: Mobile learning.* [Workshop]. National Educational Computing Conference (NECC), Washington, DC.

Crompton, H. (2009). *The incorporating of technology in the elementary math classroom.* [Invitation for 3 hour workshop]. VIF International Education Conference: One World Grows Here, Raleigh, NC.

Crompton, H. (2009). *The incorporating of technology in the elementary math classroom.* [Invitation for 3 hour workshop]. VIF International Education Conference. Greenville, SC.

Crompton, H. (2008). *Practical ideas to make math fun using technology*. [Presentation]. National Educational Computing Conference (NECC), San Antonio, TX.

Crompton, H. (2007). *Classroom management strategies.* [Invited, presentation]. Visiting International Faculty (VIF) Winter Conference, Raleigh, NC.

Crompton, H. (2007). *International school-sister partnerships.* [Presentation]. Visiting International Faculty (VIF) Spring Conference, Raleigh, NC.

**National (Refereed)**

Crompton, H. (2012). *The use of handheld and mobile devices in the teaching and learning of mathematics.* [Paper presentation]. American Association of Colleges for Teacher Education, Chicago, IL.

Crompton, H., & Keane, J. (2011). *Implementation of a one-to-one iPod Touch program in a middle school.* [Paper presentation]. American Educational Research Association Conference, New Orleans, LA.

Greene, J. A., Hutchison, L. A., Costa, L., & Crompton, H. (2011). *The role of task definitions in acquiring science conceptual understanding using a computer-based learning environment.* [Paper presentation]. American Educational Research Association Conference, New Orleans, LA.

Crompton, H. (2009). *Borderless learning: Using technology to inspire and connect classrooms around the world*. [Presentation]. Association of Supervision and Curriculum Development (ASCD), Orlando, FL.

Crompton, H. (2009). *Incorporating technology into mathematics: Projects to motivate your struggling students.* [Presentation]. Raising Achievement and Closing Gaps Conference, Greensboro, NC.

Crompton, H. (2009). *Supporting a culturally congruent classroom: Teaching African American males math, through the use of technology*. [Presentation]. Raising Achievement and Closing Gaps Conference, Greensboro, NC.

**National  (Non-Refereed)**

Crompton, H. (2013). *Planning lessons for a bring your own technology (BYOT) classroom*. [Presentation]. Mobile Learning Experience: Mobile 2013, Tucson, AZ.

Crompton, H. (2013). *Augmented reality supporting learning.* [Presentation]. Mobile Learning Experience: Mobile 2013, Tucson, AZ.

Crompton, H. (2013). *Using QR Codes effectively in the educational setting.* [Presentation]. Mobile Learning Experience: Mobile 2013, Tucson, AZ.

Crompton, H. (2013). *Common Core math standards and mobile learning.* [Presentation]. Mobile Learning Experience: Mobile 2013, Tucson, AZ.

Crompton, H. (2013). *Podcasts, vodcasts, and screencasts.* [Presentation]. Mobile Learning Experience: Mobile 2013, Tucson, AZ.

Crompton, H. (2010). *Authentic math: Bringing math into the real world.* [Presentation]. North Carolina Council of Teachers of Mathematics (NCCTM) State Conference, Greensboro, NC.

Crompton, H. (2010). *How to create podcasts and vodcasts to dazzle your math students.* [Presentation]. North Carolina Council of Teachers of Mathematics (NCCTM) State Conference, Greensboro, NC.

## Regional (Refereed)

Ramos, Y., Crompton, H., & Talaiver, M. (2016). *Professional development for mobile-friendly schools.* [Presentation]. Virginia International Society for Technology in Education, Virginia Beach, VA.

Crompton, H. (2016). *Professional learning for mobile-friendly schools.* [Presentation]. Christa McAuliffe Technology Conference, Manchester, NH.

Crompton, H. (2015). *Effective Technology Integration with TPACK*. [Presentation]. Virginia International Society for Technology in Education, Roanoke, VA.

Bair, S., Petroski, A., & Crompton, H. (2014). *Designing Engaging Online Classes*. [Presentation]. Pennsylvania Educational Technology Conference, Hershey, PA.

Crompton, H. (2013). *Integrating technology effectively into teaching and learning with the Technological, Pedagogical, and Content Knowledge (TPACK)*. [Presentation]. Virginia International Society for Technology in Education, Roanoke, VA.

Crompton, H. (2013). *Using QR codes in teaching and learning*. [Presentation]. Virginia International Society for Technology in Education, Roanoke, VA.

Crompton, H., Hobbs, M, R., & Davis, J. (2011). *QR Codes in higher education.* [Presentation]. Carolina Technology Consultants Fall Retreat, University of North Carolina at Chapel Hill. Chapel Hill, NC.

Crompton, H., Bartels, J., & Lathan, J. (2011). *21$^{st}$ Century digital technologies.* [Presentation]. South-Eastern Association of Educational Studies (SEAES), University of North Carolina at Chapel Hill, Chapel Hill, NC.

Crompton, H. (2009). *Practical ideas to make math fun using technology.* [Presentation]. North Carolina Council of Teachers of Mathematics (NCCTM) State Conference, Greensboro, NC.

Crompton, H. (2009). *Constructive ideas and projects to extend our high performing students in mathematics, through the use of technology.* [Presentation]. Raising Achievement and Closing Gaps Conference, Greensboro, NC.

Crompton, H. (2008). *Bring math to life with technology.* [Presentation]. North Carolina Council of Teachers of Mathematics State Conference, Greensboro, NC.

**CONSULTING:**

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|---|---|
| 2023 | The British Council.  Research on AI in English Language Teaching. |
| 2022. | Samsung and Education Development Center.  Designer/editor of AI Training Course modules 1-3. |
| 2019-2020: | mEducation Alliance. Designer of Global Digital Literacy I and Global Digital Literacy II courses. |
| | Vectrona-Innovative Systems and Technologies. *Research on an Extended Reality System for the US Air Force* |
| 2013—Present: | International Telecommunications Union (ITU: Technology Division of the United Nations) *Publications on mobile learning* |
| 2011—Present: | International Society of Technology in Education (ISTE). *Course design and Instructional Consultant for the Verizon Innovative Learning Schools course. Course design of the asynchronous ISTE's Self-Paced Mobile Learning Academy. Course design, lead instructor, and Instructional Consultant for the Verizon Mobile Learning Academy. Course design, lead instructor, and Instructional Coach on ISTE and GM Artificial Intelligence course.* |
| 2016—2019: | RobotsLab. *Mathematics/Robotics Curriculum design* |
| 2014—Present: | The United Nations Educational, Scientific and Cultural Organization (UNESCO). *Research, presentations, and publication on mobile learning* |
| 2009—2012: | The Center of Faculty Excellence. University of North Carolina at Chapel Hill, NC.  *Educational consultant* |
| 2011—2011: | Visiting International Faculty (VIF)- International Education. Chapel Hill, NC. *Cultural/global studies curriculum consultant* |
| 2009—2009: | *Behavioral and Social Sciences Researcher.* RAND Corporation. Santa Monica CA. *Research* |
| 2004—2006: | EdgeHill University, Ormskirk, England. *Information communications technology lecturer* |
| 2003—2006: | VisionMakers Manchester, England. *Educational consultant* |

**AWARDS:**

*State Council of Higher Education for Virginia (SCHEV).* Old Dominion University Nominee for ODU 2023.

*Service Award.* Awarded by Darden College of Education and Professional Studies, Old Dominion University, 2023.

*A. Rufus Tonelson Distinguished Faculty Award.* Awarded by Old Dominion University, 2022.

*Yvonne Captain Faculty Award for Outstanding Contributions to International Education.* Awarded by Phi Beta Delta Honor society for international scholars, 2022.

*JRTE Reviewer of the Year.* Awarded by The Journal of Research on Technology in Education. 2022. (Based on quality and number of reviews.)

*Community Service Award.* Awarded by Darden College of Education and Professional Studies, Old Dominion University, 2020.

*Phi Beta Delta Honor Society,* 2020.

*Education Leaders Network Award for Visionary Leadership*. Awarded by the International Society for Technology in Education, 2020.

*Reign on Faculty Recognition Award*. Awarded by Old Dominion University, 2020 (nominated by students).

*Provost Award for Leadership in International Education.* Awarded by Old Dominion University, 2019.

*International Outreach Award.* Awarded by Darden College of Education and Professional Studies, Old Dominion University, 2019.

*Mobile Learning Network Award.* Awarded by the International Society for Technology in Education, 2019.

*Outstanding Faculty Award: Rising Star.* State Council of Higher Education for Virginia 2018. (The Commonwealth's highest honor for faculty at Virginia's public and private colleges and universities http://www.schev.edu/index/institutional/outstanding-faculty-awards .)

*New Faculty Award. Awarded by Old Dominion University, 2017.*

*State Council of Higher Education for Virginia (SCHEV) Rising Star Nominee.* Old Dominion University Nominee for ODU 2018.

*Making it Happen Award.* Awarded at the International Society for Technology in Education annual conference 2017.

*Sara and Rufus Tonelson Award.* Awarded by Darden College of Education, Old Dominion University, 2017.

*Instructional Publications Award.* Awarded by Darden College of Education, Old Dominion University, 2017.

*President's Award for Volunteer Service in Mobile Learning.* Awarded at the International Society for Technology in Education annual conference and signed by President Trump, 2017.

*STEM Excellence Award.* Awarded by the International Society for Technology in Education, 2017.

*Publications Award.* Awarded by Darden College of Education, Old Dominion University, 2016.

*Shining Star Recognition.* Awarded by Dominion University, 2016 (Nominated by former students for this award.)

*Outstanding Leader of the Year.* Awarded by Virginia Society for Technology in Education. Presented at the annual conference, 2015.

*President's Award for Volunteer Service in Mobile Learning.* Awarded at the International Society for Technology in Education annual conference and signed by President Obama, 2015.

*Shining Star Recognition.* Awarded by Dominion University, 2015 (Nominated by former students for this award).

*Teaching Innovation and Excellence Award.* Awarded by Darden College of Education, Old Dominion University, 2015.

*Teaching with Technology Award.* Awarded by Old Dominion University, 2015.

*President's Award for Volunteer Service in Mobile Learning.* Awarded at the International Society for Technology in Education annual conference and signed by President Obama, 2014.

*American Educational Research Association (AERA) Division C Outstanding Poster.* Understanding angle and angle measure: A design-based research study using context-aware ubiquitous learning, Awarded by the American Educational Research Association, 2014.

*President's Award for Volunteer Service in Mobile Learning.* Awarded at the International Society for Technology in Education annual conference and signed by President Obama, 2013.

*President's Award for Volunteer Service in Mobile Learning.* Awarded at the International Society for Technology in Education annual conference and signed by President Obama, 2012.

*Graduate Student Travel Award.* Awarded by the University of North Carolina at Chapel Hill, NC, 2010.

*McKeachie Award for Improving University Teaching (international award).* Awarded at the Improving University Teaching conference. Washington D.C., 2010.

*Future Faculty Fellowship Program Award* Awarded by the University of North Carolina at Chapel Hill, NC, 2010.

*Malloy Travel Award.* Awarded by the University of North Carolina at Chapel Hill, NC, 2009.

*Kappa Delta Pi honor.* Awarded for graduate studies at Elon University, 2009.

*Phi Kappa Phi honor.* Awarded for graduate studies at Elon University, 2009.

*International Educator of the Year.* Awarded by the Visiting International Faculty Program, 2009.

*Outstanding Cultural Educator of the Year for North Carolina.* Awarded by the Visiting International Faculty Program, 2008.

*Outstanding Elementary School Mathematics Teacher of the Year.* Awarded by Chapel Hill-Carrboro City School District, 2007.

*Village Pride Award for Teaching Excellence.* Awarded by Chapel Hill- Carrboro District Radio, 2007.

*Outstanding Cultural Educator of the Year for North Carolina.* Awarded by the Visiting International Faculty Program, 2007.

*E-Learning Award for Outstanding contributions to e-learning in the classroom (UK).* Awarded by Education City, 2006.

*The National ICT Mark.* Awarded by BECTA (British Educational Communications, Technology Agency), 2005.

*The NaaceMark for Outstanding Leadership of ICT.* Awarded by BECTA (British Educational Communications, Technology Agency), 2005.

*Teacher of the Year nominee, Chapel Hill Carrboro City School District 2009.* Multiple nominations by parents and colleagues (Three-year teaching in the district required but not met).

*Outstanding Technology Teacher for Chapel Hill-Carrboro City School District award nominee, 2008.* Principal nomination and colleague nominations (Three-year teaching in the district required but not met).

*Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST) 2008 nominee.* Principal's nomination (US residency required but not met).

## TEACHING:

**Old Dominion University**
**Various sections of:**

TLED 617: Digital Age Teaching & Learning
TLED 430: PK-12 Instructional Technology
TLCI 731: Instructional Technology Trends in Curriculum and Instruction
LIBS 602: Production of Instructional Materials
TLED 530: PK-12 Instructional Technology


**University of North Carolina at Chapel Hill**

EDUC 519: Senior Seminar
EDUC 518: Student Teaching in the Elementary Grades

EDUC 629: English Language Learners: Issues for Practitioners
EDUC 629: English Language Learners: Issues for Practitioners (Designer and Instructor)

**Edgehill University (UK)**

Teaching with Technology

**Advising Doctoral Dissertations**

| 2023- Present | Kristin Herman, Dissertation Committee Member, Old Dominion University. |
|---|---|
| 2023 | {Name withheld until complete], External Examiner, Charles Sturt University, Wagga Wagga, NSW, Australia. |
| 2022 | Caroline Magunje, External Examiner, Cape Peninsula University of Technology. South Africa. |
| 2021-2023 | Kimberly Eure, Dissertation Co-Chair, Old Dominion University. "Using Ozobots to learn character traits" |
| 2022 - Present | Irene Bal, Dissertation Committee Member, Old Dominion University. |
| 2022 | Reham Salhab, Reham Salhab, External Expert, Palestine Technical University- Kadoorie. |
| 2021-2022 | Julie Sill, Comprehensive Exams, Old Dominion University. |
| 2021-Present | Francis Earmonn Powers, Dissertation Committee Member, Old Dominion University. |
| 2021-Present | Yaser Sendi, Dissertation Committee Member, Old Dominion University. "Utlizing Biometeric Sensors within Merchant Maritime Simulation Based Agreement" |
| 2021- 2021 | F.S. Mahlaba, Dissertation External Examiner, North-West University, Potchefstroom, South Africa. |

| | |
|---|---|
| | "An evaluation of information and communication technologies in the FET phase to enhance self-directed learning" |
| 2021-2022 | Sue-Ann Curran, Dissertation Committee Member, Old Dominion University. |
| 2020-2022 | Alex Gantt, Dissertation Committee Member, Old Dominion University. |
| 2018-2020: | Niki Watson, Dissertation Committee Member, Old Dominion University. |
| 2020-Present: | Megan Boeshart, Dissertation Committee Member, Old Dominion University. |
| 2020-2020: | Emma Agola, Dissertation Committee Member, Old Dominion University. "An Analysis of the Effect of Digital Badging on Workplace Self-Directed E-Learners' Achievement, Persistence, and Self-Regulation" |
| 2018 -2018: | Emmanuel Sekimpi, Dissertation Advisor, Pusan National University, South Korea. "Secondary School Teachers' and Students' Perceptions of Integrating Mobile Devices into Science and Mathematics Instruction in Uganda." |
| 2020-2020: | Xue Sijia, PhD. External Examiner, The University of Hong Kong, "Educational Affordances of Mobile Social Media: Case Studies of Teachers' Uses of WeChat at Universities in Mainland China. |
| 2015-2017: | Oscar Bedoya Cano, Dissertation Advisor, Universidad Pontificia Boliviariana, Colombia. "Mlearning and Fractions Teaching" |
| 2016—2019: | Jennifer Frank, Comprehensive Exams and Dissertation Committee Member, Old Dominion University. "I Had to Do the Reading: A Phenomenological Case Study of College English Students" |
| 2015—2018: | Mark Diacopoulos, Comprehensive Exams and Dissertation Committee Member, Old Dominion University. "Understanding Technological, Pedagogical, and Content Knowledge in a Technology Education Course: A Case Study of Social Studies Preservice Teachers' Beliefs and Dispositions" |
| 2016- 2017: | Tayyaba Batool, Dissertation Committee Member, Old Dominion University. "Learning while using an instructional simulation" |

| | |
|---|---|
| 2015—2016: | Tammy Bankus, Dissertation Committee Member, Old Dominion University. "Self-Regulation and Cognitive Load as Mediating Factors for Tailored Interactive Multimedia Instruction." |
| 2015—2017: | Sarah Ferguson, Dissertation Committee Member, Old Dominion University. "Using pre-calculus and calculus student work to examine student problem solving abilities in online and face-to-face mathematics courses." |
| 2014—2015: | Diana Cantu, Dissertation Co-Chair, Old Dominion University. "Applying reflection and self-assessment practices in creating and assessing integrative STEM lessons: Development of an instrument for elementary practitioners utilizing design-based research." |

**Student Advising**

2014—2015: Mentor for the Professional Workforce Development Project. Working with seven students from the Computer Science department with an eight-month project titled *The Tower*. As part of this work, they can choose a faculty mentor to work on the project with them.

**MEMBERSHIP IN PROFESSIONAL SOCIETIES:**

American Educational Research Association (AERA)
International Society for Technology in Education (ISTE)
Kappa Delta Phi Honor Society
Phi Beta Delta Honor Society
Phi Kappa Phi Honor Society

**UNIVERSITY SERVICE:**
**Committees**

*Committee Member. AI Implementation Workgroup.* Old Dominion University, Norfolk, VA. (Fall 2023 - Present).

*Committee Member, Faculty Research Advisory Committee.* Old Dominion University, Norfolk, VA. (Fall 2021 to present)

*Committee Member, Technology Committee.* Old Dominion University, Norfolk, VA. (Fall 2021-Spring 2023)

*Committee Member, Quality Enhancement Plan Technology Sub Committee.* Old Dominion University, Norfolk, VA. ODU efforts towards Southern Association of Colleges and Schools Commission on Colleges reaffirmation. (Fall 2020-Spring 2023).

*Committee Member, Quality Enhancement Plan, Old* Dominion University, Norfolk, VA. ODU efforts towards Southern Association of Colleges and Schools Commission on Colleges reaffirmation. (Fall 2020-Spring 2023).

*Committee Member (Five equal members). ODU Global Working Group.* Old Dominion University, Norfolk, VA. (Spring 2022).

*Global Education Committee.* Old Dominion University, Norfolk, VA. (Spring 2022).

*Search Committee Member.* Vice President for ODU Global Search Committee. Old Dominion University, Norfolk, VA. (Spring 2022).

*Search Committee Member.* Associate Vice President for Maritime Initiatives. Virginia Modeling Analysis & Simulation Center (VMASC). Old Dominion University, Norfolk, VA. (Spring 2022)

*Co-Chair, ODU Online Task Force*, Old Dominion University, Norfolk, VA. Including five sub-committees. (90 Days formally of Fall 2021 - Spring 2022; Involved at least 8-14 hours of formal meetings a week and a final formal written report)

*Subcommittee Member, Strategic Planning Group*, *Challenges and Opportunities Committee.* Old Dominion University, Norfolk, VA. (Spring 2022- Fall 2022)

*Chair, Strategic Planning Group*, *Research Subcommittee of the Challenges and Opportunities Committee.* Old Dominion University, Norfolk, VA. (Spring 2022- Fall 2022)

*Committee Member, Ph.D. Rubric Development Sub-Committee.* Department of Teaching & Learning, Old Dominion University, Norfolk, VA. (Spring, 2021)

*Committee Member, Provost's Award for Leadership in International Education Awards Committee.* Old Dominion University, Norfolk, VA. (Spring 2021)

*Committee Member,* University Distance Learning Advisory Council, College representative. Old Dominion University, Norfolk, VA. (Fall 2022 to present)

*Co-Founder/Lead,* British Caucus. Old Dominion University, Norfolk, VA. (Spring 2018 to present)

*Committee Member,* Outstanding Faculty Awards Committee, College Representative. Old Dominion University, Norfolk, VA. (Fall 2020 to Spring 2023)

*Co-Founder/Lead,* Team Full: Tenure faculty support group, Darden College of Education, Old Dominion University, Norfolk, VA. (Fall 2019 to present)

*Committee Member,* Teaching with Technology Awards Selection Committee, Old Dominion University, Norfolk, VA. (Spring 2020)

*Committee Member,* Curriculum Committee. Department of Teaching & Learning, Old Dominion University, Norfolk, VA. (Fall 2018-Fall 2022)

*Committee Member (Elected-annually),* Promotion and Tenure Committee for the Department of Teaching & Learning, Old Dominion University, Norfolk, VA. (Spring 2019-Fall 2019, Spring 2020)

*Executive Committee Member,* ODU STEM-H Coordinating Council, Old Dominion University, Norfolk, VA. (Spring 2019 to present)

*Committee Member,* ODU Artificial Intelligence Ecosystem, Old Dominion University, Norfolk, VA. (Spring 2019 to present)

*Advisory Committee Member,* Maximizing Access to Research Careers (MARC) program, Old Dominion University, Norfolk, VA. (Spring 2019 to present)

*Committee Member,* Job Search Committee for a lecturer position. Darden College of Education, Old Dominion University, Norfolk, VA. (Spring 2019)

*Chair,* Scholarship Committee. Department of Teaching & Learning, Old Dominion University, Norfolk, VA. (Fall 2018 to Spring 2021, Fall 2022)

*Co-Founder/Lead,* British Caucus. Darden College of Education, Old Dominion University, Norfolk, VA. (Spring 2018 to present)

*Committee Member,* College Graduate Curriculum Committee. Teaching & Learning Representative. Darden College of Education, Old Dominion University, Norfolk, VA. (Fall 2018 to Spring 2021)

*Committee Member,* College Undergraduate Curriculum Committee. Teaching & Learning Representative. Darden College of Education, Old Dominion University, Norfolk, VA. (Fall 2018 to Spring 2021)

*C & I Coordinator,* Department of Teaching & Learning, Old Dominion University, Norfolk, VA. (Fall 2017 to Spring 2022)

*Committee Member and Presenter,* Improving Disciplinary Writing Technology Expert, Old Dominion University, Norfolk, VA. (Providing 5 full-day workshops biannually, 2015 - Spring 2022)

*Founder/Lead,* Team Tenure: Non-tenured faculty support group, Darden College of Education, Old Dominion University, Norfolk, VA. (Fall 2013 to Fall 2018)

*Committee Member,* New Faculty Awards Committee. Old Dominion University, Norfolk, VA. (2018)

*Committee Member,* Job Search Committee for the Director of Technology Innovation, Darden College of Education, Old Dominion University, Norfolk, VA. (Fall, 2017, Spring 2016, Fall 2015)

*Committee Member,* Job Search Committee for Elementary Assistant Professor Position, Darden College of Education, Old Dominion University, Norfolk, VA. (Fall 2017, took part in the initial selection)

*Group Member,* College Strategic Plan Writing Group, Darden College of Education, Old Dominion University, Norfolk, VA. (Spring 2016-Fall 2015)

*Committee Member,* Technology Committee, Darden College of Education, Old Dominion University, Norfolk, VA. (Fall 2017, Spring 2016, Fall 2015, Spring 2015, Fall 2013)

*Committee Member,* Budget Committee, Darden College of Education, Old Dominion University, Norfolk, VA. (Fall 2015, Spring 2015, Fall 2013, Spring 2013)

*Committee Member,* Job Search Committee for Assistant Professor of Library Science, Darden College of Education, Old Dominion University, Norfolk, VA. (Spring 2016, Fall 2015)

## Presentations

Crompton, H. (2023). *Meet ChatGPT: Your AI learning buddy!* Remote experience for young engineers and scientists (REYES). Conference Old Dominion University, Norfolk, VA.

Crompton, H. (2023). University teaching in the age of artificial intelligence and ChatGPT. Old Dominion University, Norfolk, VA.

Crompton, H. (2022). *A roadmap into the new digital learning landscape: Post COVID-19.* Excite the Dream program presentation, Old Dominion University, Norfolk, VA.

Crompton, H. (2021). *A glimpse into the world of artificial intelligence.* Remote experience for young engineers and scientists (REYES). Conference Old Dominion University, Norfolk, VA.

Crompton, H., Gillis, C., & Finley-Croswhite, A. (2021). *Strategies for success to produce journal articles and grant proposals.* Women's Writing Forum: Moving Forward. Old Dominion University, Norfolk, VA.

Baaki, J., Crompton, H., & Malgianni, C. (2020). *Global solutions for online education.* [Expert Panel]. Little Me Academy in partnership with the Private Schools and School Administrators Association of the Philippines, Online.

Crompton, H. (2020). *Exploring artificial intelligence.* Summer Lecture Series, Old Dominion University, Norfolk, VA.

Crompton, H. (2020). *Innovative technology in teaching and managing tenure track.* Excite the Dream program presentation, Old Dominion University, Norfolk, VA.

Crompton, H. (2020). *Educational Technology Uncovered.* Town-N-Gown Organization, Old Dominion University, Norfolk, VA.

Crompton, H. et al., (2019). *New faculty event: Faculty information sheets.* [Faculty panel]. *College of Education and Professional Studies*, Old Dominion University, Norfolk, VA.

Crompton, H. (2019). *Educators, Pedagogy, and Technology: A Review of Integration Frameworks*. ODU Office of Research Brown Bag, Old Dominion University, Norfolk, VA.

Crompton, H., Burke, D., & Asija, J-P. (2017). Teachers with super powers. Student Virginia Education Association, Old Dominion University, Norfolk, VA.

Crompton, H. (2016). *Technology to support project-based learning*. Quality Enhancement Plan, Capstone Workshop Series, Old Dominion University, Norfolk, VA.

Crompton, H., (2016). *Mobile learning.* [Invited to speak in 3 sections]. TLED 430, Old Dominion University, Norfolk, VA.

Crompton, H., (2016, October 14). *Developing online courses.* ODU Preparing Future Faculty Program, Old Dominion University, Norfolk, VA.

Crompton, H., (2015). *Virtual reality and augmented reality*. TLED 430, Old Dominion University, Norfolk, VA.

Crompton, H., (2015). *Programming the NAO robot.* TLED 430, Old Dominion University, Norfolk, VA.

Crompton, H., et al., (2015). *International scholar panel: From student to scholar in the U.S.* Global Certificate Program Workshop, Old Dominion University, Norfolk, VA.

Crompton, H., Burgin, S., De Paor, D., Gregory, K., & Summers R. (2014). *Questions and answers in large undergraduate classrooms*. Provost Conversation, Old Dominion University, Norfolk, VA.

Crompton, H., Gregory, K., Summers, R., De Paor, D., & Burgin, S., (2014) *Using mobile devices to encourage students to question.* Teach Fair, Old Dominion University, Norfolk, VA.

Crompton, H. (2014). *Using QR codes to support teaching and learning.* Center for Learning and Teaching, Old Dominion University. Norfolk, VA.

Crompton, H. (2013). *Using QR codes to support teaching and learning in higher education*. Teach Fair, Old Dominion University. Norfolk, VA.

Crompton, H. (2013). *Mobile learning*. [Invited guest speaker]. HNRS 201 Think Tanks, Old Dominion University. Norfolk, VA.

Crompton, H. (2013). *Job searching.* [Guest speaker]. TLCI 802 Historical and Contemporary Perspectives on Education, Old Dominion University. Norfolk, VA.

Crompton, H. (2013). *Developing your curriculum vita*. [Guest panelist]. Graduate School Meeting, Old Dominion University. Norfolk, VA.

Crompton, H. (2012). *Mobile applications for mathematics.* [Guest speaker]. EDUC 512: Mathematical methods for elementary teachers, University of North Carolina. Chapel Hill, NC.

Crompton, H. (2011). *Technology in education.* [Guest speaker]. EDUX 727.957: Topics in algebra, University of North Carolina. Chapel Hill, NC.

Crompton, H. (2010). *Technology in education.* [Guest speaker]. EDUC 415: Culture, society, and teaching, University of North Carolina. Chapel Hill, NC.

Crompton, H. (2010). *Technology in education.* [Guest speaker]. Carolina Teaching Fellows, University of North Carolina. Chapel Hill, NC.

Crompton, H. (2010). *Technology integration.* [Guest speaker]. EDUC 535: UNC BEST, University of North Carolina. Chapel Hill, NC.

Crompton, H. (2010). *Technology to support culture in the classroom.* [Guest speaker]. INTS 290-003: Intercultural education in K-12 classrooms, University of North Carolina. Chapel Hill, NC.

Crompton, H. (2009). *Using technology in mathematics.* [Guest speaker]. EDUC 523: Emergent mathematics, University of North Carolina. Chapel Hill, NC.

## PROFESSIONAL SERVICE:
### Committees

*Board of Advisors. GLOBAL NGO.* United Nations Department of Global Communications (DGC). 2022-Present

*Chair (UNESCO Chairs).* UNESCO Chairs in Innovative Informal Digital Learning in Disadvantaged and Development Contexts. UNESCO. 2021-Present.

*Program Committee.* European Conference on Artificial Intelligence. Spain. 2024

*Committee Member.* Broadband Commission for Sustainable Development, United Nations. 2021-2022.

*International Advisory Board.* Emergency Remote Teaching and the Effect on Post-Pandemic Face-to-Face Classroom Teaching. Based at The Royal Institute of Technology Sweden. 2022-2023

*Working Group Member to Develop a Report* On behalf of the Broadband Commission for Sustainable Development. Foresight Frontier Technologies. Joined with ITU and UNESCO United Nations. 2021-2022.

*Lead Advisor for EdTech Research.* The Mobiles for Education (mEducation) Alliance. Washington DC. 2021-Present.

*Program Committee Member,* (Mobile) Mixed and Augmented Reality in Education (MAR-EDU'2021) at the International Conference on Interactive Mobile Communication, Technologies and Learning. 2021.

*Chair, Research Mapping Group.* Mapping research for COVID-19 and beyond. Building EdTech Evidence and Research (BETER). Digital Pathways Oxford at Oxford University and the World Bank- EdTech Hub. 2020-2022.

*Advisory Board Member, CoSN Driving K-12 Innovation.* Consortium for School Networking. 2018-2022.

*Chair Research Review Committee.* mEducation Alliance. 2020 – Present.

*Working Group Member (Invited), Research Mapping Group.* Mapping research for COVID-19 and beyond. Building EdTech Evidence and Research (BETER). Digital Pathways Oxford at Oxford University and the World Bank- EdTech Hub. 2020.

*Expert Consultant Advisor (Invited).* Consultation on Digital Technology and Education in a Post-COVID-19 World. University of London, DFID, and The World Bank. 2020.

*Chair Research Review Committee.* United States Agency for International Development (USAID) and mEducation Alliance. 2020 – Present.

*Steering Committee Member.* mEducation Alliance & United States Agency for International Development (USAID). 2019 – Present.

*CoLead Researcher.* Development of Artificial Intelligence K-12 Framework and Artificial Intelligence Skills Portal for K-12 Project. Unit for Information and Communication Technology (ICT) in Education. United Nations Educational, Scientific, Cultural Organization (UNESCO) and Ericsson. 2020

*Member, SCHEV review committee.* State Council of Higher Education for Virginia. 2018-2019.

*Member, Delphi Panel (2018-2019) Principles of mobile learning. University of Hull, UK.*

*Member, Program Committee.* 11th IEEE International Conference on Open Source Systems & Technologies. 2017

*Member, Examination Board.* University of Pretoria, South Africa. 2017 for expertise in mobile learning and technology integration.

*Member. Panel of Experts.* Horizon Project Advisory Board. NMC Horizon Report: 2017 K-12 Edition.

*Member, Delphi Panel* (2016-2017). Technology in Teacher Education Competencies (TETCs) Development Project. Research supported by SITE, ISTE, CAEP, NTLC, and promoted by the U.S. Department of Education Office of Educational Technology. Listed for work in Foulger, T.

S., Graziano, K. J., Schmidt-Crawford, D. A., & Slykhuis, D. A. (2017). *Journal of Technology and Teacher Education, 25*(4, 413-448.

*Invited Expert.* ISTE research roundtable: How educational research can be informed by the 2016 student standards. 2016

*Member, Awards Committee.* Virginia Society for Technology in Education. 2016.

*Member, Program Committee.* World Conference on Mobile and Contextualized Learning. Sydney, Australia 2016.

*Member. Panel of Experts.* The New Media Consortium (NMC) and The Consortium for School Networking (CoSN) Horizon Project Advisory Board. NMC Horizon Report: 2016 K-12 Edition.

*Member, Program Committee.* International Association for Blended Learning Conference. Kavala, Greece 2016.

*Member, Program Committee.* International Conference on Interactive Mobile Communication, Technologies and Learning. Thessaloniki, Greece 2015.

*Member. Panel of Experts.* Horizon Project Advisory Board. NMC Horizon Report: 2016 K-12 Edition.

*Member. Panel of Experts.* Horizon Project Advisory Board. NMC Horizon Report: 2015 K-12 Edition.

*Member. Panel of Experts.* Horizon Project Advisory Board. NMC Horizon Report: 2015 R & E Networks: Pathways to Innovation for K-12. Internet 2 strategic brief Volume 2.3.

*Member, Program Committee.* International Workshop on Mobile Learning, Warsaw, Poland 2015.

*Member, Scientific Committee.* World Conference on Mobile and Contextual Learning, Istanbul, Turkey 2014.

*Advisor.* Science and Math Personal Learning Network, ISTE (International Society for Technology in Education) 2014.

*Member, Membership committee.* ISTE (International Society for Technology in Education) 2012 – 2013.

*Chair.* Professional Development for the International Society for Technology in Education's Special Interest Group Mobile Learning 2013—2014.

**Reviewer/Editorial Board**

*Editorial Board Member.* Journal of Research on Technology in Education (JRTE), Eugene, OR: 2013 — Present.

*Special Issue Editor.* Innovation in Education, Training and Game Design with Immersive Technologies and Spatial Computing. *Information,* Greece: 2024

*Editorial Board Member.* International Journal of Academic Studies in Technology and Education. Turkey: 2023-Present

*Editorial Board Member.* Journal of Systematic Reviews. Norway: 2022-Present.

*Editorial Advisory Board Member.* Interactive Technology and Smart Education. London England: 2022-Present

*Reviewer.* British Journal of Educational Technology (BJET), Kent, England: 2014 - Present.

*Reviewer.* Computers & Education, Science Direct, 2017-Present.

*Reviewer.* Journal of Research in Innovative Teaching and Learning. 2017.

*Reviewer.* EDUCON 2017 IEEE Global Engineering Education Conference. Athens Greece.

*Reviewer.* 7th International Conference on Education, Training and Informatics (ICETI). Orlando, Florida 2016.

*Reviewer.* International Journal of Mobile Learning and Organisation, 2016.

*Reviewer.* 9th International Conference on Interactive Mobile Communication Technologies and Learning 2015. Thessaloniki, Greece.

*Reviewer.* Digital Experience in Mathematics Education. Springer: 2015 — 2018.

*Reviewer.* International Conference on Entertainment Computing 2015, Workshop of Making as a pathway to foster joyful engagement and creativity in learning. Trondheim, Norway.

*Reviewer.* Routledge, New York. 2015-Present. (Selected books on mobile learning)

*Reviewer*. Journal of Mobile Teaching (JMT) Lincoln, NE: 2013 — 2015.

*Reviewer.* Division C Section 3 Mathematics, 2012 Annual Meeting of the Educational Research Association (AERA): 2012.

*Reviewer.* Invited to review submissions for the Computers and Internet Applications in Education (CIAE) SIG for the 2012 Annual Meeting of the Educational Research Association (AERA): 2012.

*Elementary Education Electronic Evidences Reviewer.* North Carolina Department of Public Instruction, Raleigh, NC: 2012.

*Reviewer*. Journal for the Research Center for Educational Technology, Kent State University: 2010 — 2013.

*Masters Portfolio Evaluator.* Elon University School of Education, Elon, NC: 2010 — 2014.

*Elected Officer,* SIGML (Special Interest Groups: Mobile Learning), ISTE (International Society for Technology in Education): 2010 – 2012.

*Managing Editor for the Center of Faculty Excellence Spotlight on Research.* The Center of Faculty Excellence, University of North Carolina at Chapel Hill, NC: 2010.

*Managing Editor for the Center of Faculty Excellence Spotlight on Leadership.* The Center of Faculty Excellence, University of North Carolina at Chapel Hill, NC: 2010.

*Manuscript Reviewer.* The Urban Review, University of North Carolina at Chapel Hill, NC: 2009 — 2013.

*Committee Member and Moderator.* Education Research Symposium, University of North Carolina at Chapel Hill, NC: 2010.

*Committee Member. Creating global content in the SCoS,* Visiting International Faculty, Chapel Hill: 2010.

*Manuscript Reviewer.* ISTE (International Society for Technology in Education), reviewing research paper proposals for ISTE 2010 conference: 2009 — 2010.

*Managing Editor for the Center of Faculty Excellence Spotlight on Teaching.* The Center of Faculty Excellence, University of North Carolina at Chapel Hill, NC: 2009 — 2010.

*Committee Member.* SIGML (Special Interest Groups: Mobile Learning) ISTE (International Society for Technology in Education): 2009 — 2010.

*Manuscript Reviewer.* ISTE (International Society for Technology in Education), reviewing research paper proposals for ISTE 2010 conference: 2009 — 2010.

## Presentations

Crompton, H., Deiva E., Gamundani, A. M. Kloppers, L. (2023). *Generative AI in Education and Research: A Panel Discussion.* Panel Presentation for Partnerships of the Future: Forging US-Southern African STEM and Educational Networks South Africa, Namibia, and USA. Crompton, H. (2023). ChatGPT and higher education. ISTE Digital Pledge Meeting (with higher education institutions). Webinar.

Crompton, H. (2023). Generative AI images. mEducation Alliance eCafe.

Crompton, H., & Cantu, D. (2014). *Cloud computing.* Mobile Learning Network at the International Society for Technology in Education, Webinar.

Crompton, H., Sommerfeldt, J., & Rippard, K. (2014). *Integrating technology effectively into teaching and learning with the Technological, Pedagogical, and Content Knowledge (TPACK).* [Presentation]. Virginia International Society for Technology in Education, Virginia Beach, VA.

Crompton, H. (2014). *Professional practice, teachers, and teacher preparation: Technology-based environments*. [Chair]. Annual meeting of the American Educational Research Association, Philadelphia, PA.

Crompton, H. (2014). *Instructional technology SIG: Presence, interaction, and engagement in learning.* [Chair]. Annual meeting of the American Educational Research Association, Philadelphia, PA.

Crompton, H. (2013). *Apps for creating.* Special Interest Group Mobile Learning – International Society for Technology in Education, Webinar.

Crompton, H. (2013). *Apps to encourage creativity.* International Society for Technology in Education Special Interest Group Mobile Learning (SIGML). Webinar.

Crompton, H. (2013). *Mobilize mathematics: Mobile learning meets the Common Core Curriculum.* Maryland Public TV (MPTV), Webinar.

Crompton, H. (2013). *Activities and ideas to keep kids learning this summer*. Verizon Foundation, Webinar.

Crompton, H. (2013). *Mobilize mathematics: Mobile learning meets the common core curriculum.* International Society for Technology in Education (ISTE), Webinar.

Crompton, H. (2013). *Mobilize mathematics: Mobile learning meets the common core curriculum. I*nternational Society for Technology in Education (ISTE), Webinar.

Crompton, H., & Richardson, K. (2013). *How to integrate technology into your teaching using the TPACK framework.* Verizon Innovative Learning Schools and the International Society for Technology in Education, Webinar.

## Other

*Discussion Facilitator: Preparing educators to integrate technology into teaching and learning.* mEducation Alliance Symposium. The World Bank. Washington DC.

*Rapporteur.* Mobile Learning Week Artificial Intelligence for Sustainable Development conference. 2019 United Nations Educational Scientific and Cultural Organization (UNESCO) Headquarters Paris, France.

*Webinar host*. International Society for Technology in Education's special interest group mobile learning lightening webinar series. 2013

Evaluator. British Educational Communications and Technology Agency (BECTA). 2005 – 2006

## COMMUNITY ENGAGEMENT:
## Committees

*Strategic Planning Steering Committee.* Virginia Beach Schools. (2024).

*Judge.* GenAI x Assessment Competition. TransformED. Kuala Lumpur, Malaysia. (2023).

*Committee Member.* Information Communication Technology: Smart Classrooms. Cape Peninsula University of Technology. South Africa (2022 - Present) [Requested by the Dean of the College of Education]

*Virginia Delegate, Artificial Intelligence (AI) 4 K12.* (2021-Present)

*Course Designer and Instructional Coach.* Artificial Intelligence Explorations and their Practical Use in School Environments. General Motors and the International Society for Technology in Education (ISTE). (2017- 2020).

*Course Designer and Coach.* Verizon Mobile Learning Academy. (Working one-to-one with teams of teachers, technology coaches, and principals in 11 US States and presenting to those educators in approximately 32 US States) 2014-2016

*Instructional Coach.* Verizon Innovative Learning Schools. (Coaching face-to-face with teams of teachers, technology coaches, and principals in 6 US States and presenting to educators in approximately 35 US States online) 2013-2014

*Digital Inclusion Advisory Board.* Norfolk Public Schools, VA. 2014 – 2015

*STEM Advisory Board.* Norfolk Public Schools, VA. 2014 — 2015

## *Presentations*

Crompton, H., & Burke, D. (2024). What do I need to know about ChatGPT: Potential and pitfalls. Current affairs lecture forum. Harbors Edge Retirement Community.

Crompton, H. (2023). Prompt engineering for ChatGPT. INNovate Technology Conference, Newport News, VA.

Crompton, H. (2023). Transforming education with ChatGPT: How to use it and what to avoid. INNovate Technology Conference, Newport News, VA.

Crompton, H. (2023). Generative AI: Creating Text, Images, and Music. INNovate Technology Conference, Newport News, VA.

Crompton, H. (2022).  Artificial Intelligence. Hague School. Norfolk, VA.

Crompton, H. (2021). Transitioning into academia. PhD student talk [online due to COVID-19]. University of North Carolina at Chapel Hill. Chapel Hill, NC.

Crompton, H. (2018). *Best practices for technology integration: TPACK and SAMR*. INNovate Technology Conference, Newport News, VA.

Crompton, H. (2018). *Keeping students on-task with digital tools. I*NNovate Technology Conference, Newport News, VA.

Crompton, H. (2018). *Educational change: Moving to an open pedagogy.* INNovate Technology Conference, Newport News, VA.

Crompton, H. (2018). *Infographics for deeper learning and assessment*. INNovate Technology Conference, Newport News, VA.

Crompton, H. (2018). *Digital tools to transform the mathematics classroom*. INNovate Technology Conference, Newport News, VA.

Crompton, H. (2016). *The future of educational technology.* Digital Learning Day, Virginia Society for Technology in Education, Webinar.

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