

CURRICULUM VITAE
Cesar C. Navarrete, PhD
The University of Texas at Austin
ccnavarrete@utexas.edu
512-969-8539
Curriculum & Instruction
Learning Technology

Education innovation for improved learning through technology-engaged learning: Creative thinking; Computational learning; Digital literacies; Code Literacy; Mobile learning; Game construction learning

EDUCATION

2010-2015: Ph.D. in Curriculum and Instruction with focus on Learning Technology
The University of Texas at Austin, Austin, Texas

2008-2010: M.Ed. in Curriculum and Instruction with focus on Learning Technology
The University of Texas at Austin, Austin, Texas

1991-1993: Education Studies: Houston Community College, Houston, Texas—Elementary Education with a focus on childhood literacy

1990: Bilingual Education: University of Houston, Houston, Texas—Graduate School of Education

1980: Computer Science Studies: Old Dominion University, Norfolk, Virginia—Computer Science

1978-1979: B.S. in Liberal Studies, March 1979: Excelsior College, Albany, New York

1973-1977: International Security Affairs: United States Naval Academy, Annapolis, Maryland—Study of Naval Engineering and Management

MILITARY EXPERIENCE

1977-1980 United States Navy, SEAL Team 2, Little Creek, Virginia—Scuba Diving, Sky Diving, Survival Escape Rescue Evasion, Advanced Demolitions School, Photography, Radio Communication, and Spanish language translator

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AWARDS

2013—Journal Article Second Place Award for: Online social networks as formal learning environments: Learner experiences and activities, from the Division of Distance Education, Association for Educational Communication and Technology (AECT) (co-author)

2011-2013: Alexander Caswell Ellis Fellowship in Education—College of Education scholarship award.

PUBLISHED WORKS

Liu, M., Navarrete, C.C., Scordino, R., Kang, J., Ko, Y., & Lim, M. (2016), Examining Teachers' Use of iPads: Comfort Level, Perception, and Use, Submitted to *Journal of Research on Technology in Education*, 48(3).

Navarrete, C.C., (2015), Investigating eighth graders' development of text-based scripting skills and their intrinsic motivation through game construction curriculum: a case study. *Dissertation*: Advisor: Dr. Min Liu

Navarrete, C.C. (2014). Digital literacies and 21st century skills: The students' game design and development experience. In J. Viteli & M. Leikomaa (Eds.), *Proceedings of EdMedia: World Conference on Educational Media and Technology 2014* (pp. 1177-1197). Association for the Advancement of Computing in Education (AACE).

Navarrete, C. C., (2014). Creative Thinking in K-12 Education: Game Design and Development Curricula for Digital Literacies and 21st Century Learning. In C. Martell (Ed.) *Advances in Game Design and Development Research*, (pp. 1-24) Nova Science Publishers Inc., New York.

Liu, M., Scordino, R., Geurtz, R, Navarrete, C., Ko, Y. J., & Lim, M. H. (2014). A Look at Research on Mobile Learning in K-12 Education From 2007 to Present, *Journal of Research on Technology in Education*. 46(4), 325-372, DOI: 10.1080/15391523.2014.925681

Liu, M. Navarrete, C. C., & Wivagg, J. (2014). Potentials of Mobile Technology for K-12 Education: An Investigation of iPod touch Use for English Language Learners in the United States, *Journal of Educational Technology & Society*, 17(2).

Liu, M. Navarrete, C. C., Maradiegue, E., & Wivagg, J. (2014). Mobile Learning and English Language Learners: A Case Study of Using iPod Touch As a Teaching and Learning Tool. *Journal of Interactive Learning Research*. , 25(3) 373-403.

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Navarrete, C. C. (2013). Creative thinking in digital game design and development: A case study. *Computers & Education*, 69, 320–331. doi:10.1016/j.compedu.2013.07.025

Liu, M. Wivagg, J. Maradiegue, E., & **Navarrete, C. C.** (2013). Affordances and Challenges of Using iPods to Support Learning by English Language Learners at the Middle School Level, In P. M. Pumilia-Gnarini, E. Favaron, E. Pacetti, J. Bishop & L. Guerra (Eds.), *Handbook of Research on Didactic Strategies and Technologies for Education: Incorporating Advancements* (pp. 275-288), IGI-Global. DOI: 10.4018/978-1-4666-2122-0.ch023.

Liu, M., **Navarrete, C. C.**, Maradiegue, E., & Wivagg, J. (2013). A Multiple-Case Study Examining Teachers' Use of iPod Touches in Their Pedagogical Practices for English Language Learners, In D. McConatha, C. Penny, J. Schugar & D. L. Bolton (Eds.) *Mobile Pedagogy and Perspectives on Teaching and Learning* (pp. 165-185), IGI- Global Publishing. DOI: 10.4018/978-1-4666-4333-8.ch010

Liu, M., Geurtz, R, Karam, A., **Navarrete, C.** & Scordino, R. (2013), Research on Mobile Learning in Adult Education. In W. Kinuthia & S. Marshall (Eds.) *On the Move: Mobile Learning for Development*, Charlotte, NC: Information Age Publishing.

Liu, M., Wivagg, J., Maradiegue, E. & **Navarrete, C.** (2012). Affordances and Challenges of Using iPods to Support Learning by English Language Learners at the Middle School Level: Perspectives from Researchers, Teachers, and Instructional Technologist. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2012* (pp. 1952-1959). Chesapeake, VA: AACE.

Veletsianos, G., & **Navarrete, C. C.** (2012). Online social networks as formal learning environments: Learner experiences and activities. *The International Review of Research in Open and Distance Learning*, 13(1), 144-166.

Navarrete, C. (2011). Identifying affordances and barriers to student-centered collaborative learning in the integration of interactive whiteboard technology. In C. Maddux & D. Gibson (Eds.), *Research Highlights in Technology and Teacher Education* (pp. 89-96). SITE, Chesapeake, VA.

Navarrete, C. C., (2007). English Language Learners: The Troubling Truth-Mi casa es tu casa, *PARADIGM-A PSI Communiqué for the Educational Community*, Volume 3, Issue16. <http://www.psi-solutions.org/Paradigm/may07/ParadigmMay-07-3.shtml>

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Navarrete, C. C., (2006b). The Testing Crunch: Between a Rock and a Hard Place-We're in a numbers game that just doesn't add up, *PARADIGM-A PSI Communiqué for the Educational Community*, Volume 3, Issue 16.

Navarrete, C. C., (2006). To Fail or Not to Fail: Course Design Modifications for Struggling Students, *PARADIGM- A PSI Communiqué for the Charter School Community*, Volume 2, Issue 10. <http://www.psi-solutions.org/Paradigm/january06/not-to-fail.shtml>

PRESENTATIONS

2014, **Navarrete, C.C.**, Creative Thinking, Collaboration and Problems Solving in Game Construction Learning: Survey Design and Development, Association for Educational Communication and Technology (AECT) Conference, Jacksonville, FL, November.

2014, **Navarrete, C.C.**, Digital literacies and 21st century skills: the students' game design and development experience, EdMedia World Conference on Educational Media & Technology, Tampere, Finland, June.

2014, Liu, M. **Navarrete, C. C.**, Maradiegue, E., and Wivagg, J., Examining How Teachers Use Mobile Devices in Their Teaching: A Multiple-Case Study, EdMedia World Conference on Educational Media & Technology, Tampere, Finland, June.

2014, Liu, M., Scordino, R., Geurtz, R, **Navarrete, C.**, Ko, Y. J., & Lim, M. H., A Look at Research on Mobile Learning in K-12 Education From 2007 to Present, American Educational Research Association (AERA) Conference, Philadelphia, PA, April.

2014, Liu, M., **Navarrete, C.C.**, Scordino, R., Kang, J., Ko, Y., & Lim, M., Examining Teachers' Use of iPads: Comfort Level, Perception, and Use, American Educational Research Association (AERA) Conference, Philadelphia, PA, April.

2013, **Navarrete, C. C.**, Technology Literacy Development in Digital Game Design Learning: An exploratory case study, Association for Educational Communication and Technology (AECT) Conference, Anaheim, CA, October.

2013, Gobulski, C., **Navarrete, C. C.**, & Azua, E., Improving student outcomes in distance learning mathematics classes, Frontiers In Education (FIE) Conference, Oklahoma City, OK, October.

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2013, **Navarrete, C. C.** & Minnigerode, L., Exploring 21st Century Learning: Game design and creation, the students' experience, EdMedia World Conference on Educational Media & Technology, Vancouver, B.C., Canada, June.

2013, Liu, M., **Navarrete, C. C.**, Maradiegue, E., & Wivagg, J., iPod Use for English Language Learners: A Multiple Case Study, American Educational Research Association (AERA) Conference, San Francisco, CA, April.

2013, **Navarrete, C. C.**, Creative Thinking in Digital Game Design and Development: A Case Study. American Educational Research Association (AERA) Conference, San Francisco, CA, April.

2013, Liu, M., Geurtz, R, Karam, A., **Navarrete, C.** & Scordino, R., Research on Mobile Learning in Adult Education: A Literature Review From 2005 to the Present, American Educational Research Association (AERA) Conference, San Francisco, CA, April.

2013, Liu, M. **Navarrete, C. C.**, Maradiegue, E., & Wivagg, J., Mobile Learning Potential: Investigating iPod Touch Use With English Language Learners Texas Foreign Language Education Conference (TexFLEC) The University of Texas at Austin, Austin, TX, February.

2012, Liu, M., **Navarrete, C. C.**, Maradiegue, E., & Wivagg, J., iPod Touch and English Language Learners: A Case Study of Using iPod Touch Devices, Association for Educational Communication and Technology (AECT) conference, Louisville, KY, October.

2012, Liu, M., Wivagg, J., Maradiegue, E. & **Navarrete, C.**, Mobile Learning Forum: Using iPods for Learning with middle school ELL students: Lessons learned, International Society for Technology in Education (ISTE) Conference, San Diego, CA, June.

2012, Liu, M., Wivagg, J., Maradiegue, E. & **Navarrete, C.**, Affordances and Challenges of Using iPods to Support Learning by English Language Learners at the Middle School Level: Perspectives from Researchers, Teachers, and Instructional Technologist, Society for Information Technology & Teacher Education (SITE) International Conference, Austin, TX, March.

2011, Veletsianos, G. & **Navarrete, C. C.**, YoTeach! An Adventure Learning Intervention in an Undergraduate Sociology Course, Association for Educational Communication and Technology (AECT), Jacksonville, FL, November.

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American Educational Research Association (AERA), 2011, **Navarrete, C. C.**, Identifying affordances and barriers to student-centered collaborative learning in the integration of interactive whiteboard technology, New Orleans, LA, April.

Society for Information Technology & Teacher Education (SITE) Conference, 2011, **Navarrete, C. C.**, Identifying affordances and barriers to student-centered collaborative learning in the integration of interactive whiteboard technology, Nashville, TN, March.

PROFESSIONAL SERVICE

Board of directors member, Families In Nature (**FIN**) <http://familiesinnature.org>

Manuscript Reviewer

2013-2017 Reviewer for Computers & Education: June

Kappa Delta Pi Record Editorial Review Panel: January, February, June, July, August, & September

Assisted in reviewing for ETR&D, Journal of Research on Technology in Education, August.

2014-2016—Kappa Delta Pi Record Editorial Review Panel: September, October and December

Assisted in reviewing for JTRE, Journal of Research on Technology in Education, September.

Reviewer for Computers & Education: April, June, & August

Assisted in reviewing for ETR&D, Journal of Research on Technology in Education, June.

Assisted in reviewing for JTRE, Journal of Research on Technology in Education, January.

2013— Assisted in reviewing for Computers in Human Behavior, November.

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Assisted in reviewing for JTRE, Journal of Research on Technology in Education, June.

Assisted in reviewing for JTRE, Journal of Research on Technology in Education, April.

Assisted in reviewing for JTRE, Journal of Research on Technology in Education, February.

2012—Assisted in reviewing for ETR&D, Educational Technology Research and Development, November.

Assisted in reviewing for JRTE, Journal of Research on Technology in Education, September.

Assisted in reviewing for ETR&D, Educational Technology Research and Development June.

Assisted in reviewing for ETR&D, Educational Technology Research and Development January.

MEDIA MENTIONS

2012—ELL News: iPods in Classroom Can Boost Academic Time and Resources for ELLs, The University of Texas News, at Colorin Colorado website, <http://www.colorincolorado.org/ellnews/53782/>
Retrieved October, 15, 2012.

iPods used in learning English, The Daily Texan, front page feature story by Blake Carter September 4, 2012.

2011—Adventures in Learning: Turn students into explorers and take learning past recitation and recall, says education expert, feature story by Kay Randall, March 7, 2011. Retrieved April 18, 2011, http://www.utexas.edu/features/2011/03/07/adventure_learning/

TEACHING CERTIFICATES

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English Language Arts and Reading Grades (8-12)
Spanish Secondary (6-12)
English as a Second Language Supplemental (PK-6, 8-12)
Elementary Self-Contained Grades (PK-6)
Bilingual/ESL Grades (PK-6)

EXPERIENCE

2018-Current: CEO and Founder of Seagaze Creative Productions, LLC, Austin, TX, Designing, developing, and producing instructional, training, promotional and marketing media.

2017: Training specialist, Business Integra Inc., Austin, Texas
Collaborate with development teams to improve training for user understanding of complex digital tools. Provide training and writing documentation to support several web-based applications.

2016-2017: Lead Instructor, Coding With Kids, Austin, Texas
Teach programming, computational thinking and game design to elementary and middle school students.

2016-2017: Adjunct Instructor of Instructional Technology, University of Texas San Antonio San, Antonio, Texas.
Design, development, and teaching face-to-face and online hybrid courses: building and maintaining class modules on Blackboard LMS and supporting synchronous and asynchronous learning activities using multiple online resources and tools

- IST 5703 Technology and Learning Cultures
- IST 6513: Emergent Technologies in Education
- IST 5323 Learner Centered Design

2015-2016: Instructional Technologist, The University of Texas at Austin, Austin, Texas
Secondary school course migration project: Duties include all aspects of Learning Management System development and multiple course content migration.

2013-2015: Teaching Assistant, The University of Texas at Austin, Austin, Texas
Teaching and tutoring face-to-face and online hybrid courses: building and maintaining class modules on Canvas LMS and supporting synchronous and asynchronous learning activities using multiple online resources and tools:

- Advanced Instructional Systems Design
- Computer Supported Collaborative Learning
- Online Learning & the Future of Education
- Foundations of Learning Technology

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- 2015: Teaching Intern Facilitator, The University of Texas at Austin, Austin, Texas
Classroom fieldwork with teaching interns and cooperating teachers in facilitating lesson plan development and practice teaching.
- 2013: Documentation Specialist, The University of Texas at Austin, Austin, Texas
Vision Awards Program & Presidential Timeline Project: Evaluation, debugging, documentation and development specialist work in support of educational mobile application deployment
- 2012-2013: Digital Media Specialist, The University of Texas at Austin, Austin, Texas
Digital media design and development of Mathematics Teacher Training work for the Texas Education Agency.
- 2012-2013: Teaching Assistant, The University of Texas at Austin, Austin, Texas
Teaching, tutoring and grading undergraduate course: syllabus updating, creating class modules on Canvas LMS and supporting learning activities using multiple online resources and tools: Digital Literacy for Teaching and Learning
- 2011-2012: Teaching Assistant, The University of Texas at Austin, Austin, TX
Teaching, tutoring and grading undergraduate course: syllabus updating, creating class modules on Canvas LMS and supporting learning activities using multiple online resources and tools: Digital Literacy for Teaching and Learning.
- 2003-2010: Secondary English Language Arts Teacher, Austin Can Academy, Austin, TX, Teaching Literature and Writing in grades 9-12.
- 1997-2003: Teacher, Travis Elementary School, San Marcos, TX,
Teaching all subjects at kindergarten level for Bilingual and English as a Second Language (ESL), students.
- 1993-1997: Teacher, Ross Elementary School, Bryan, TX,
Teaching all subjects at the kindergarten level for Bilingual and English as a Second Language (ESL), students
- 1989-1993: Fourth Grade Teacher, Barry Elementary School, Houston, TX,
Teaching all subjects at fourth grade level for Bilingual and English as a Second Language (ESL), students

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1988-1989: Teacher, Pugh, Elementary, Houston, TX,
Teach all subjects at First and Fifth grade level for Bilingual and English as a Second Language (ESL) students.

Project Development Experience

2013-2014: Graduate Research Assistant on Visualization Summit Committee & Redefining Teacher Education Summit--Summit development work, University of Texas at Austin, TX,

2012-2013: Graduate Research Assistant for Vision Awards Program & Presidential Timeline Project—Development and documentation specialist in support of mobile enabled application development, University of Texas at Austin, TX,

2012: Graduate Research Assistant in STEM Education, Dr. Carol Fletcher, Mathematics Teacher Training Digital Media design and development work for the Texas Regional Collaborative, University of Texas at Austin, TX

Other Research Experience

2011: Graduate Research Assistant for Dr. Leema Berland—Conducting field research on UTeachEngineering high school course focusing on student argumentation, University of Texas at Austin, TX

2010-2011: Graduate Research Assistant for Dr. George Veletsianos—Conducting on-going research on emerging technologies in higher education, University of Texas at Austin, TX

Coordinator Experience

2010: Consultant & Coordinator, University of Texas at Austin, Austin TX
Grant Project Coordinator and IWB Technology Integration

2008-2010: Coordinator for Austin Classical Guitar Society, Austin Can Academy, Austin, TX.
Developed and maintain collaborations with ACGS in the classical guitar and music training of at-risk youths as a socio-emotional tool in educational development

2004-2008: Coordinator of English as a Second Language Program, Austin Can Academy, Austin, TX
Design and develop ESL program to establish academic support program for high school English Language Learners

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1999-2003: Coordinator of Butterfly Garden Science Grant, Travis Elementary School, San Marcos, TX, Writing and acquiring financial support in the development of Science Education for young children; coordinating the grant award to perpetuate environmental awareness a foster community support through a Butterfly Garden Science Program involving students, parents and Texas State University students.

1998-2003: Coordinator of Garden Science Grant, Travis Elementary School, San Marcos, TX Writing and acquiring financial support in the development of Science Education for young children; managing grant award to perpetuate a community supported Garden Science Program involving students and parent volunteers

1989-1993: Lead Mathematics Coordinator, Barry Elementary School, Houston, TX Training campus teachers in the use of integrated hands-on mathematics activities and math manipulatives

Curriculum Writing

1990-1993: Elementary Mathematics Curriculum Module Writer, Houston Independent School District, Houston, TX, Writing authentic mathematics integrated modules for district-wide dissemination

1990-1993: District Core Curriculum Committee, Houston Independent School District, Houston, TX
Representing Barry Elementary School in a district-wide forum for revising and updating core curriculum standards

1991-1993: Professional Development Mathematics Instructor, Houston Independent School District, Houston, TX
Instructing district-wide alternative certification teacher candidates in all Elementary Ex-CET mathematics competencies

TECHNOLOGY INDUSTRY EXPERIENCE

1980-1985: NASA, Johnsons Space Center, Houston, TX—Astronaut Space Suit Technician with ILC Industries—Building, fitting, and testing of astronaut suits for the Space Shuttle; astronaut crew support training in the Water Emersion Training Facility and high pressure, oxygen rich environment

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PROFESSIONAL ASSOCIATIONS

Association for the Advancement of Computing in Education
American Educational Research Association
Association for Educational Communication and Technology
PHI KAPPA PHI National Honors Society
KAPPA DELTA PI International Society in Education