

**Brendan Calandra, Ph.D.**  
**Professor and Chair of Learning Technologies**  
**College of Education & Human Development**  
 Georgia State University, Atlanta | [bcalandra@gsu.edu](mailto:bcalandra@gsu.edu) | <http://brendancalandra.com>

#### Education

Ph.D.	University of South Florida (USF), Instructional Technology, 2002
MA	University of Florida (UF), German Studies, 1998
BA	Florida State University (FSU), German, 1991

#### Employment

2017-present	Professor, Georgia State University
2016-present	Chair of Learning Technologies
2008-2017	Associate Professor with tenure, Georgia State University
2002-2008	Assistant Professor, Georgia State University
1999 - 2002	University Instructor Instructional Technology and Library and Information Science, USF Instructional Designer/Technology Project Manager Florida Center for Instructional Technology, USF Program Director (Study abroad programs in Prague and Berlin) International Affairs, USF
1998-1999	University Instructor / Instructional Designer Division of Language and Linguistics, USF The English Language Institute, USF
1995-1998	University Instructor Dept. of Germanic and Slavic Languages and Literatures, UF Scholarship Exchange Student University of Mannheim, Germany
1992-1995	Language Instructor/Teacher Trainer Ministry of Education, Slovak Republic (SK) Constantine the Philosopher Teacher Training College, SK PHARE Program, European Union, SK

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## Scholarship

**Awards and Recognition**

(2015 - present) Fulbright Specialists Roster Member

(2013) Awarded best Journal Article: *Examining the effects of computer-based scaffolds on novice teachers' reflective journal writing* to be given by the Research and Theory Division of the Association for Educational Communications and Technology at the 2013 annual conference in Anaheim, CA.

(2013) Nominated for best paper award: *An Examination of Role-Play in Virtual Worlds for Novice Teacher Practice*. Teacher Education Division of the Association for Educational Communications and Technology at the 2013 annual conference in Anaheim, CA.

(2012 - present) Member of Consulting Editorial Board, *Educational Technology Research and Development* (ETR&D)

(2011-present) Member of Editorial Board, *Journal of Research on Technology in Education* (JRTE)

(2009-present) Member, Board of Reviewers: *Journal of Teacher Education* (JTE)

(2010 - present) Reviewer: *Computers and Education* (C&E)

(2011) Guest Editor of special issue on Technology and Transformative Learning in *Educational Technology*, volume 51, issue 2.

(2010) Guest Editor of special issue on Video Analysis for Teacher Education in *Educational Technology*, volume 50, issue 1.

(2010) Recipient of Leadership Award from Instructional Technology SIG of the American Educational Research Association (AERA)

(2007-2010) Chair of the Instructional Technology SIG of AERA

(2004) Program Co-Chair of the Annual Meeting of Professors of Instructional Design and Technology (PIDT)

(2004) Awarded Best Paper for *Teacher e-portfolio communities: diffusion of design knowledge as a catalyst for teacher learning* at the 2004 Annual Meeting of the Society for Information Technology and Teacher Education in Atlanta, GA.

(2001) Awarded Best Educational Resource for the *Teacher's guide to the holocaust: An extensive online resource for teachers* at the 2001 Annual Meetings of the Society for Information Technology and Teacher Education in Orlando, FL.

### Books

Calandra, B. & Rich P.J. (Eds.). (2014) *Digital Video for Teacher Education: Research and Practice*. NY: Routledge.

### Articles

\* Data driven

† Peer reviewed

#### In Progress, Submitted, Under Review

\*†Calandra, Brantley-Dias, Yerby & Demir (invited). Examining the Quality of Pre-Service Teachers' Written Reflections Using Video Recordings, Audio Recordings and Memories of a Teaching Event. *Contemporary Issues in Technology and Teacher Education*.

\*†Ari, O. & Calandra, B. (under review). Test of the Maximum Potential Thesis in Struggling College Readers: Considering Least Restrictive Supports and Accommodations for Post-Secondary Students. *Reading Psychology*.

†Cohen, J., Jones, M., Smith, S. & Calandra, B. (under review) Makification: Towards a framework for leveraging the maker movement in formal education. *Journal of Educational Multimedia and Hypermedia*.

\*Wade, K., Calandra, B., Cohen, J. (submitted). Mapping the evolution of an after-school STEM club for African American girls using activity theory. *Teachers' College Record*.

\*Ayer, T., Cohen, J., & Calandra, C. (in progress). An investigation of how collaboration and individual differences influenced middle school students' learning during a technology-enhanced problem solving task.

\*Yerby, J., Calandra, B. & Kim, M. (in progress). An Analysis of Presence in an Asynchronous Online Undergraduate Mastery Course Using Structural Equation Modeling.

#### Published

\*†Cohen, J., Renken, M. & Calandra, B. (2017). 21st century skills and the ICT workplace: Do urban middle school students feel prepared? *Tech Trends*. DOI 10.1007/s11528-017-0170-8.

\*†Criswell, B., Calandra, B., Puvirajah, A., & Brantley-Dias, L. (2015). A new lens for supporting and studying science teacher reflections: situating the self in the [activity] system. *Cultural Studies of Science Education*. 10 (4), 891-919.

\*†Puvirajah, A. & Calandra, B. (2015). Embodied Experiences in Virtual Worlds Role-Play as a Conduit for Novice Teacher Identity Exploration: A Case Study. *Identity: An International Journal of Theory and Research*. 15, 23-47.

- Calandra, B. (2015, January). Video as a reflection tool for pre-service teachers. *Media and learning news: Newsletter published by the Media & Learning Association*. Retrieved from [http://news.media-and-learning.eu/files/Media-and-Learning-News\\_2015-01.pdf#nameddest=Teachers](http://news.media-and-learning.eu/files/Media-and-Learning-News_2015-01.pdf#nameddest=Teachers).
- \*† Calandra, B., Sun, Y., & Puvirajah, A. (2014). A New Perspective on Teachers' Video-Aided Reflection. *Journal of Digital Learning in Teacher Education*. 30 (3), 104–109.
- †Calandra, B & Puvirajah, A. (2014). Teacher practice in multi user virtual environments: A fourth space. *Tech Trends*. 58(6), 29-35.
- \*†Dooley, C., Calandra, B., & Harmon, S.W. (2014). Pre-Service Teachers' Experience Practicing Reading Response in a Multi User Virtual Environment. *Journal of Digital Learning in Teacher Education*. 30 (4), 121-130.
- †Calandra, B. & Harmon, S.W. (2012). A unique e-learning design for high impact safety awareness training. *Educational Media International*. 49(12), 97-108.
- \*† Wang, C.X., Calandra, B., Tibbard, S.T., & McDowell Lefaiver, M.L. (2012). Learning effects of an experimental EFL program in second life. *Educational Technology Research and Development*. 60 (5), 943-961.
- \* †Thompson-Sellers, I. & Calandra, B. (2012). Ask the instructional designers: A cursory glance at practice in the workplace. *Performance Improvement*. 51 (7), 21-27.
- \* Calandra, B. & Puvirajah, A. (2011). Using digital video to promote teachers' transformative learning. *Educational Technology*. 51 (2), 33-36.
- Calandra, B. & Veletsianos, G. (2011). Special issue on technology and transformative learning: Introduction. *Educational Technology*, 51 (2), 3-4.
- \* (Award winning paper) Lai, G. & Calandra, B. (2010). Examining the effects of computer-based scaffolds on novice teachers' reflective journal writing. *Educational Technology Research and Development*. 58 (4), 421-437.
- \* Calandra, B. & Brantley-Dias, L. (2010). Using digital video editing to shape novice teachers: A generative process for nurturing professional growth. *Educational Technology*, 50 (1), 13-17.
- Rich P.J., & Calandra, B. (2010). Video, video everywhere: Issues and evidence of video analysis in teacher education. *Educational Technology*, 50 (1), 3.
- \*† Calandra, B., Brantley-Dias, L., Lee, J.K., & Fox, D.L. (2009). Using video editing to cultivate novice teachers' practice. *Journal of Research on Technology in Education*, 42 (1), 73-94.
- \* †Lai, G., Calandra, B., & Ma, Y. (2009). Leveraging the potential of design-based research to improve reflective thinking in an educational assessment system. *International Journal of Technology in Teaching and Learning*, 5 (2), 119-137.

- \* †Calandra, B., Gurvitch, R., & Lund, J. (2008). An exploratory study of digital video editing as a tool for teacher preparation. *Journal of Technology and Teacher Education*, 16 (2), 137-153.
- \* †Calandra, B., Barron, A.E., & Thompson-Sellers, I. (2008). Audio use in e-Learning: What, why, when, and how? *International Journal of eLearning*, 7 (4), 589-601.
- \*† Hartmann C., & Calandra, B. (2007). Diffusion and reinvention of ePortfolio design knowledge as a catalyst for teacher learning. *Technology, Pedagogy, and Education* 16 (2), 77-93.
- Brantley-Dias, L., & Calandra, B. (2007). A practical design model for novice teachers. *Educational Technology*, 47 (4), 33-38.
- \*† Lai, G., & Calandra, B. (2007). Using online scaffolds to enhance preservice teachers' reflective journal writing: A qualitative analysis. *International Journal of Technology in Teaching and Learning*, 3 (3), 66-81.
- †Calandra, B., Brantley-Dias, L., & Mcneal, K. (2007). An electronic system to support novice teachers' reflective lesson design. *Multicultural Education and Technology Journal* 1 (2), 100-111.
- \* †Calandra, B., Brantley-Dias, L., & Dias, M. (2006). Using digital video for professional development in urban schools: A preservice teacher's experience with reflection. *Journal of Computing in Teacher Education*, 22 (4), 125-133.
- †Brantley-Dias, L., Calandra, B., Harmon, S., & Shoffner, M. (2006). An analysis of collaboration between colleges of education and arts and sciences in PT3 grants. *Tech Trends*, 50 (3), 32-37.
- Calandra, B. (2006). [Review of the book: The Cambridge Handbook of Multimedia Learning]. *Journal of Industrial Teacher Education*, 43 (1), 100-101.
- \* †Calandra, B., & Barron A.E. (2005). A preliminary investigation of advance organizers for a complex educational website. *Journal of Educational Multimedia and Hypermedia*, 14 (1), 5-23.
- \*†Calandra, B. & Lee, J.K. (2005). The digital history and pedagogy project: Creating an interpretative/pedagogical historical website. *The Internet and Higher Education*, 8 (4), 323-333.
- Flanagan, B. & Calandra, B. (2005). Podcasting for the K12 classroom. *Learning and Leading with Technology*, 33 (3), 20-25.
- \* †Calandra, B., Lang, T.R., & Barron, A.E. (2004). Who will use our electronic teacher's guide? A preliminary analysis of preservice teachers' knowledge of and attitudes toward issues surrounding the Holocaust. *Contemporary Issues in Technology and Teacher Education [Online serial]*, 4 (2). Available: [http://www.citejournal.org/vol4/iss2/social\\_studies/article1.cfm](http://www.citejournal.org/vol4/iss2/social_studies/article1.cfm)

- \* †Lee, J. K., & Calandra, B. (2004). Can embedded annotations help high school students perform problem-solving tasks using a web-based historical document? *Journal of Research on Technology in Education*, 37 (1), 65-84.
- \* †Barron, A.E., & Calandra, B. (2003). The use of audio in multimedia learning: Theory and practice. *Journal of Interactive Instruction Development*, 16 (1), 25-34.
- \* †Calandra, B., Fitzpatrick, J., & Barron, A. E. (2002). A holocaust website: Effects on preservice teachers' factual knowledge and attitudes toward traditionally marginalized groups. *Journal of Technology and Teacher Education*, 10 (1), 75-93.
- †Barron, A.E., Calandra, B., Fitzpatrick, J., & Kemker, K. (2001). Teacher's guide to the holocaust: An extensive online resource for teachers. *CSS Journal: Journal of Computers in Social Studies, [Online serial]*, 9 (3).
- †Calandra, B. (2000). A project to connect: Language practice with networked computers. *TESOL Journal*, 9 (2), 35.
- Fassbinder, R.W. (1997). Just a Slice of Bread: a play in ten scenes with a single set. Trans. Denis Calandra and Brendan Calandra. *Performing Arts Journal*, 19(2), 100-114.

### Book Chapters

- Calandra, B. (2014). A Process of Guided, Video-Based Reflection. In B. Calandra & P.J. Rich (Eds.), *Digital Video for Teacher Education: Research and Practice*. NY: Routledge.
- Calandra, B. Ma, Y. & Lai, G. (2011). Digital multimedia for teaching and learning. In R. Ouyang, & C. X. Wang (eds.) *Educational technology: Series on western research in humanities and social sciences* (pp. 145-165). Beijing, China: China Renmin University Press (Book chapter in Chinese).
- Wang, C. X., Calandra, B., & Yi, Y. (2010). Technical, pedagogical and cultural considerations for language learning in MUVes. In T. Anderson (Series Ed.) & G. Veletsianos (Vol. Ed.), *Issues in Distance Education: Using Emerging Technologies in Distance Education*. Canada: Athabasca University Press.
- Calandra, B., & Harmon, S.W. (2009). SimSpaces: User-created virtual learning in the schools. In R. Chen & T. Kidd (Eds.), *Wired for Learning: An Educators Guide to Web 2.0*. Charlotte, NC: Information Age Publishing
- Dias, L. B., & Calandra, B. (2007). Supporting novice teachers in diverse contexts: A practical instructional design model. In K. Kumpulainen (Ed.), *Educational Technology: Opportunities and Challenges*. Oulu, Finland: University of Oulu.

Miller G.I., Kemker, K., Calandra, B., & Culbreath, J. (2001). Mini-lesson movie: An integrated multimedia project using macromedia flash 5. In *Macromedia Project-Based Multimedia: First Edition*.

### Textbooks

Calandra, B. & Harmon, S.W. (in progress). *Computer Skills for the Information Age: An Early College Student's Primer 3<sup>rd</sup> Ed.* Dubuque, IA: Kendall Hunt.

Calandra, B. & Harmon, S.W. (2014). *Computer Skills for the Information Age: An Early College Student's Primer 2<sup>nd</sup> Ed.* Dubuque, IA: Kendall Hunt.

Calandra, B. & Harmon, S.W. (2012). *Computer Skills for the Information Age: An Early College Student's Primer.* Dubuque, IA: Kendall Hunt.

Feyten C., Macy M., Ducher J., Yoshii M., Park E., Calandra, B., & Meros J. (2002). *Catching the Wave: Teaching ESL/EFL with the Internet.* Upper Saddle River, NJ: Merrill/Prentice Hall.

### Selected Proceedings

Renken, M., Cohen, C., Fuqua, A., Ayer, T. & Calandra, B. (accepted). *Who Stays and Who Goes? Connecting Prior Experiences, Interests, and Abilities to Retention in an After-school Computer-Based Program.* Paper submitted to CSCL 2017, the 12th International Conference on Computer Supported Collaborative Learning.

Cohen, J.D., Jones, W.M., Smith, S. & Calandra, B. (2016). Makification: Towards a Framework for Leveraging the Maker Movement in Formal Education. To be published in *Proceedings of Society for Information Technology & Teacher Education International Conference 2016*.

Puvirajah, A. & Calandra, B. (2012). Why use designed experiences in MUVes in teacher education? A rationale and example. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2012* (pp. 2604-2608). Chesapeake, VA: AACE.

\* Lai, G., Calandra, B. & Ma, Y. (2008). Leveraging the potential of design-based research to enhance preservice teachers' online reflective practice: A case study. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2008* (pp. 1132-1139). Chesapeake, VA: AACE.

\* Calandra, B., Brantley-Dias, L., & Fox, D. (2007). Exploring critical incident analysis and digital video as tools for pre-service teachers' professional development. In D.A. Willis et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2006* (pp. 34-39). Chesapeake, VA: AACE.



- \* Lai, G., & Calandra, B. (2007). Exploring pre-service teachers' reflective writing problems and what computer-based scaffolds can do to enhance their reflectivity development. In D.A. Willis et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2007* (pp. 110-117). Chesapeake, VA: AACE.
- McGlenn, M., Hammond, T., Friedman, A., Bolick, C., Bull, G., Ferster, B., Hicks, D., Lee, J., Calandra, B., Doolittle, P. & Ewing, T. (2006). Digital history in social studies teacher education: Practices, promises and provisos, Part 1., In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2006* (pp. 4134-4147). Chesapeake, VA: AACE.
- Calandra, B. (2006). The Georgia Digital History Project (GDHP): An interpretative/pedagogical digital history website. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2006* (pp. 4067-4070). Chesapeake, VA: AACE.
- Brantley-Dias, L., & Calandra, B. (2005). A tool for supporting urban teachers in training. In M. Simonson & M. Crawford (Ed.), *28<sup>th</sup> Annual Proceedings: Selected Papers from the 2005 National Convention of the Association for Educational Communications and Technology* (pp. 90-94), Orlando, FL: AECT.
- \* Lai, G., Sun, Y., & Calandra, B. (2005). Rationale behind the adoption of computer-mediated communication channels in an urban teachers' electronic support system. In M. Simonson & M. Crawford (Ed.), *28<sup>th</sup> Annual Proceedings: Selected Papers from the 2005 National Convention of the Association for Educational Communications and Technology* (pp. 323-327), Orlando, FL: AECT.
- Calandra, B., & Lai, G. (2005). A digital video reflection tool for urban teachers in training. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (pp. 2472-2476). Chesapeake, VA: AACE.
- Brantley-Dias, L., & Calandra, B. (2005). An electronic tool for supporting urban teachers' technology integration: CITIS. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (pp. 2453-2457). Chesapeake, VA: AACE.
- \* (Best Paper Award) Hartmann, C., & Calandra, B. (2004). Teacher e-portfolio communities: diffusion of design knowledge as a catalyst for teacher learning. In *Proceedings of Society for Information Technology and Teacher Education International Conference 2004* (pp. 110-117). Norfolk, VA: AACE.
- Calandra, B., Lai, G., and Sun Y. (2004). TEPSS: Initial steps in the design of electronic support for novice teachers. In M. Simonson & M. Crawford (Ed.), *27<sup>th</sup> Annual Proceedings: Selected Papers from the 2004 National Convention of the Association for Educational Communications and Technology* (pp. 87-91). Chicago, IL: AECT.

Barron, A.E., & Calandra, B. (2003). Audio in multimedia learning: Principle and practice. In M. Simonson & M. Crawford (Ed.), *26<sup>th</sup> Annual Proceedings: Selected Papers from the 2003 National Convention of the Association for Educational Communications and Technology* (pp. 34-42). Anaheim, CA: AECT.

(Best Paper Award) Barron, A., Calandra, B., & Kemker, K. (2001). Teacher's guide to the holocaust: An extensive online resource for teachers. In *Proceedings of Society for Information Technology and Teacher Education International Conference 2001* (pp. 2568-2573). Norfolk, VA: AACE.

\* Calandra, B., & Fitzpatrick, J. (2001). A holocaust web site: Effects on pre-service teachers' factual knowledge and attitudes toward traditionally marginalized groups. In *Proceedings of Society for Information Technology and Teacher Education International Conference 2001* (pp. 1560-1561). Norfolk, VA: AACE.

Calandra, B., Kemker, K., Barron, A., & Harmes, C. (2001). Developing web-based multimedia for an educational website: The use of QuickTime audio, video, VR technology and JavaScript -based interactivity. In W. A. Lawrence-Fowler, & J. Hasebrook (Eds.): *Proceedings of WebNet 2001 - World Conference on the WWW and Internet* (pp. 142-146) Orlando, Florida: AACE.

Kemker, K. & Calandra, B. (2001). Digital storytelling: Creating multimedia narratives as school projects using desktop movies. In W. A. Lawrence-Fowler, & J. Hasebrook (Eds.): *Proceedings of WebNet 2001 - World Conference on the WWW and Internet* (pp. 140-141). Orlando, Florida: AACE.

#### **Invited Presentations**

Calandra, B. (2016). Keynote: *A Gameful, Participatory Approach to Teaching Marginalized Youth about the Positive Power and Promise of 21<sup>st</sup> Century Skills*. 3rd. International Conference on New Trends in Education (ICNTE) at Seferihisar-Izmir, Turkey.

Calandra, B. (2015). *Digital Video as an Assessment Tool in Teacher Education*. Presented at the Media & Learning Association Webinar: New assessment strategies in the media-rich classroom. Roosbeek, Belgium.

Calandra, B. (2014). *Higher Education Online*. Presented to faculty and administration at Ege University in Izmir, Turkey.

Calandra, B. (2014). Keynote: *Using Digital Video for Teacher Education*. Presented at the First International Conference on New Trends in Education, Istanbul, Turkey.

Calandra, B., Dooley, C. & Gok, A. (2014). *New Technologies for Early Childhood Education*. Presented at the International Conference on New Trends in Education, Istanbul, Turkey.

- Dooley, C., Calandra, B. & Gok, A. (2014). *Early Childhood Teachers Integrating Technology: Lessons Learned*. Presented at the International Conference on New Trends in Education, Istanbul, Turkey.
- Calandra, B. (2014). *Digital Video for Teacher Education: Research and Practice*. Georgia State University College of Education Research Wednesday Series, Atlanta, GA.
- Calandra, B. (2013). *Learning with Technology*. Presented at the Georgia State University Foundation Board Retreat, Atlanta, GA.
- Calandra, B. (2011). *E-Learning for Higher Education*. Presented at Laureate International Universities e-Learning Summit at Laureate Headquarters, Baltimore, MD.
- Calandra, B. (2007). *Developing Real Teachers in a Virtual World*. Presented at the 2nd Annual James F. Ackerman Colloquium on Technology and Citizenship Education: Educating for Citizenship in Digital and Synthetic Worlds: Privacy, Protection, and Participation. Ackerman Center for Democratic Citizenship at Purdue University, Lafayette, IN.
- Calandra, B. (2003). *Catching the Wave: Teaching ESL/EFL with the Internet*. Presented at the 3rd Annual ESOL Conference. Center for Field Experience and Partnerships, Kennesaw State University.

### **Presentations**

- Calandra, B. Cohen, C. & Renken, M. (accepted). *Designing Accessible Tech-Centered Instruction for an Urban After-School Program*. Paper submitted for the American Educational Research Association (AERA) 2017 conference.
- Ayer, T., Cohen, C., & Calandra, B. (accepted). *Culturally Relevant, Gameful, Informal Learning for Relevant, Engaging, and Authentic Instruction in a Multicultural Context*. Paper submitted for the American Educational Research Association (AERA) 2017 conference.
- Jordan, R. (accepted). *I Am Because We Are Creative Equals: Technology Skills as Defined, Discussed and Demonstrated by Students in an Urban Middle School*. Paper submitted for the American Educational Research Association (AERA) 2017 conference
- Calandra, B., Renken, M. & Cohen, J. (2016). *Front End Analysis and Prototype of a Technology-Rich Learning Environment for Urban Middle School Youth*. Paper presented at the American Educational Research Association (AERA) 2016 conference, Washington, DC.
- Ari, O. & Calandra, B. (2016). *A Test of the Maximum Potential Thesis in Struggling College Readers: Considering Least Restrictive Supports and Accommodations for Post-Secondary Students*. Paper

presented at the American Educational Research Association (AERA) 2016 conference, Washington, DC.

Calandra, B. & Renken M. (2016). *AMAYS: Acquainting Metro Atlanta Youth with STEM*. Poster presented at the 2016 STELAR ITEST PI & Evaluator Summit: *Making Connections to Broaden Participation in STEM*, Washington, DC.

Calandra, B., Cohen, J., Renken, M. & Jordan, R. (2016). *AMAYS: Acquainting Metro Atlanta Youth with STEM*. Video presented online at the Advancing STEM for All: NSF 2016 Teaching and Learning Video Showcase.

Ayer, T., Calandra, B. & Cohen, C. (2016). *Culturally Relevant, Gameful, Informal Learning*. 3rd. Paper presented at the International Conference on New Trends in Education (ICNTE) at Seferihisar-Izmir, Turkey.

Gok, A. & Calandra, B. (2016). *Trends of Game-based Learning in Higher Education between 2005 and 2013*. Paper presented at the 27th annual Conference of the Society for Information Technology and Teacher Education, Savannah, GA.

Gok, A. & Calandra, B. (2016). *A New Way of Gamifying a Course in Online Higher Education*. Paper presented at the 27th annual Conference of the Society for Information Technology and Teacher Education, Savannah, GA.

Cohen, J.D., Jones, W.M., Smith, S., & Calandra, B. (2016) *Makification: Towards a Framework for Leveraging the Maker Movement in Formal Education* Paper presented at the 27th annual Conference of the Society for Information Technology and Teacher Education, Savannah, GA.

(Best Paper nomination) Calandra, B. & Puvirajah, A. (2013). *An Examination of Role-Play in Virtual Worlds for Novice Teacher Practice*. Paper presented at the Association for Educational Technology and Communications Conference (AECT), Anaheim, CA.

\* Criswell, B., Calandra, B., Puvirajah, A. & Dias, L.B. (2013). *Our View Through a New Lens on Understanding Preservice Teacher Reflection*. Paper presented at the American Educational Research Association (AERA) 2013 conference, San Francisco, CA.

Puvirajah, A. & Calandra, B. (2012). *Why use designed experiences in MUVes in teacher education? A rationale and example*. Paper presented at the Society for Information Technology and Teacher Education (SITE) 2012 conference, Austin, TX.

\* Sun, Y., Calandra, B., & Puvirajah, A. (2011). *Exploring College Students' Experience Using Video Editing Technology: A Qualitative Case Study*. Paper presented at the Association for Educational Technology and Communications Conference (AECT), Jacksonville, FL.

- \* Sun, Y., Calandra, B., & Puvirajah, A. (2011). *Exploring Novice Science Teachers' Construction of Expert Professional Knowledge Using Digital Video Editing Technology*. Paper presented at the Association for Educational Technology and Communications Conference (AECT), Jacksonville, FL.
- \* Calandra, B., Puvirajah, A., & Sun Y. (2010). *Digital video as a cognitive tool: An exploration of the cognitive process of science student teachers using digital video editing technology*. Paper presented at the American Educational Research Association (AERA) 2010 conference, Denver, CO.
- Calandra, B. & Harmon, S. (2010). *A Unique Design for a High-impact Safety and Awareness Training Module*. Paper presented at the Association for Educational Technology and Communications Conference (AECT), Anaheim, CA.
- Thompson-Sellers, & Calandra, B. (2010). *From Theory to Practice: How Do Instructional Designers Make Design Decisions?* Paper presented at the Eastern Educational Research Association (EERA) 2010 conference, Savannah, GA.
- \* Calandra, B. & Brantley-Dias, L. (2009). *How Editing Digital Video Might Enhance Reflective Practice during Teachers' Professional Development*. Paper presented at the American Educational Research Association (AERA) 2009 conference, San Diego, CA.
- \* Lai, G., & Calandra, B. (2008). *Examining the effects of selected computer-based scaffolds on preservice teachers' levels of reflection as evidenced in their online journal writing*. American Educational Research Association (AERA) 2008 conference, New York, NY.
- Lai, G., Calandra, B., & Sun, Y. (2008). *Human-computer interface design and its role in the diffusion and adoption of EPSS-like educational systems*. American Educational Research Association (AERA) 2008 conference, New York, NY.
- \* Sun, Y., Calandra, B., & Lai, G. (2008). *Asian graduate students' perceptions of the computer-mediated communication-learning environment*. American Educational Research Association (AERA) 2008 conference, New York, NY.
- \* Lai, G., Calandra, B., & Ma, Y. (2008). *Leveraging design-based research to enhance preservice teachers' online reflective practice*. Society for Information Technology and Teacher Education (SITE) 2008 conference, Las Vegas, NV.
- \* Fox, D.L., Brantley-Dias, L., Calandra, B., & Calder, R. (2007, November). *Multiliteracies and multimedia narratives: Using digital video as a tool for reflective practice in secondary English education*. Paper presentation accepted for 57th National Reading Conference, Austin, TX.

- Brantley-Dias, L. & Calandra, B. (2007). *Implementing a framework for reflective instructional design with pre-service teachers*. Paper presented at the Association for Educational Technology and Communications Conference, Anaheim, California.
- \* Calandra, B., Dias, L.B., Lee, J., & Fox, D. (2007). *Does editing digital video encourage deeper thinking about personal teaching episodes?* Paper presented at the annual meeting of the American Educational Research association, Chicago, Ill.
- \* Dias, L.B., Calandra, B., & Fox, D. (2007). *Teacher candidates' experiences with digital video editing for reflection: How much scaffolding do they need?* Paper presented at the annual meeting of the American Educational Research association, Chicago, Ill.
- \* Lai, G., & Calandra, B. (2007). *Exploring pre-service teachers' reflective writing problems and what computer-based scaffolds can do to enhance their reflectivity development*. Paper presented at the 17th International Conference of the Society for Information Technology and Teacher Education, San Antonio, TX.
- \* Calandra, B., Dias, L.B., & Fox, D. (2007). *Examining pre-service teachers' reflective practice using digital video and critical incident analysis*. Paper presented at the 17th International Conference of the Society for Information Technology and Teacher Education, San Antonio, TX.
- \* Fox, D., Brantley-Dias, L. & Calandra, B. (2006). *Promoting pre-service teachers' reflective practice through digital video and critical incident analysis in secondary English education*. Paper presented at the 56th National Reading Conference, Los Angeles, California.
- \* Calandra, B., Gurvitch, R., & Lund, J. (2006). *Teacher candidate reflection on teaching episodes using video editing*. Paper presented at the annual meeting of the American Educational Research association, San Francisco, CA.
- \* Lee, J.K., & Calandra, B. (2006). *The Georgia Digital History Project (GDHP): An interpretative/pedagogical digital history website*. Paper presented at the 17th International Conference of the Society for Information Technology and Teacher Education, Orlando, FL.
- \* Calandra, B., Sun, Y., & Lai, G. (2005). *Computer mediated communication as support for urban teacher preparation*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.
- Sun, Y., & Calandra, B. (2005). *Diffusion and adoption of TEPSS in teacher education*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.

Dias, L.B., & Calandra, B. (2005) *A tool for supporting urban teachers in training*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.

\* Calandra, B. & Dias L.B. (2005). *Digital video as a catalyst for pre-service teachers' reflective practice: An exploratory study*. Paper presented at the annual meeting of the American Educational Research association, Montreal, Canada.

Lee, J.K. & Calandra, B. (2005). *Georgia Digital History Project: An interpretative/pedagogical digital history website*. Paper presented at the annual meeting of the American Educational Research association, Montreal, Canada.

Dias L.B. & Calandra, B. (2005). *An electronic tool for supporting urban teachers' technology integration: CITIS*. Paper presented at the 16th International Conference of the Society for Information Technology and Teacher Education, Phoenix, AZ.

Calandra, B. & Lai, G (2005). *A digital video reflection tool for urban teachers in training*. Paper presented at the 16th International Conference of the Society for Information Technology and Teacher Education, Phoenix, AZ.

Calandra, B., Lai, G. & Sun Y. (2004). *TEPPS: Initial steps in the design of electronic support for teachers in action*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

(Best Paper Award) \* Hartmann, C., & Calandra, B. (2004). *ePortfolio communities in action: Diffusion of portfolio design knowledge as a catalyst for prospective teachers' reflective practice*. Paper presented at the 15th International Conference of the Society for Information Technology and Teacher Education, Atlanta, GA.

\* Barron, A.E., & Calandra, B. (2003). *Audio in multimedia learning: Theory and practice*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

\* Calandra, B., & Barron, A.E. (2003). *The holocaust and teacher education: An exploratory analysis*. Paper presented at the annual meeting of the American Educational Research association, Chicago, IL.

Barron A.E., & Calandra, B. (2003). *Textual and audio redundancy in multimedia learning: Theory and practice*. Paper presented at the annual meeting of the American Educational Research association, Chicago, IL.

- \* Calandra, B., & Barron, A.E. (2002). *Holocaust education: Pre-service teachers' knowledge and attitudes*. Paper presented at the annual meeting of the Eastern Educational Research association, Sarasota, FL.
- \* (Awarded best educational resource) Calandra, B. & Fitzpatrick J. (2001). *A holocaust website: Effects on pre-service teachers' factual knowledge and attitudes toward traditionally marginalized groups*. Paper presented at the 12th International Conference of the Society for Information Technology and Teacher Education, Orlando, Florida.
- \* Calandra, B., & Fitzpatrick, J. (2000). *A holocaust website: Effects of pre-service teachers' knowledge and attitudes*. Paper presented at the annual meeting of the Florida Educational Research Association, Tallahassee, FL.
- Calandra, B. (1999). *A project to connect: Language practice with networked computers*. Paper presented at the 33rd Annual TESOL Convention and Exhibition, New York, NY
- Calandra, B. (1998). *Guilt as the driving force: Ernst Toller's masse mensch*. Paper presented at the 23rd Annual International Conference on Film and Literature, Tallahassee, FL.

## Grants

### In Progress

- (submitted). Principle Investigator. CSI-SL: Computational Thinking and STEM Integration Using Sub-Goal Learning. National Science Foundation. STEM + Computing Partnerships (STEM+C) program (~\$1,200,000).
- (submitted). Advisor. *ANNOTATE: Amplifying Novices' Noticing and Observation in Teaching and Teacher Education*. National Science Foundation. Discovery Research PreK-12 (DRK12) program. (\$449,914).

### Funded

- (2015-2018). Principle Investigator: *Acquainting Metro Atlanta Youth with STEM (AMAYS)*, National Science Foundation. Innovative Technology Experiences for Students and Teachers (ITEST) program. (\$537,514).
- (2015). Co-Principle Investigator: *After-School All-Stars*, State of Georgia Department of Human Services. (\$1,285,000).
- (2014) Principle Investigator: *Mobile Video Analysis for Teacher Education*, Georgia State University. (\$132,250).



- (2014). Co-Principle Investigator: *After-School All-Stars*, State of Georgia Department of Human Services. (\$1,285,000).
- (2013). Co-Principle Investigator: *After-School All-Stars*, State of Georgia Department of Human Services. (\$1,285,000).
- (2012). Co-Principle Investigator: *After-School All-Stars*, State of Georgia Department of Human Services. (\$950, 000).
- (2011). Co-Principle Investigator: *After-School All-Stars*, State of Georgia Department of Human Services. (\$950, 000).
- (2010) Co-Principle Investigator: *After-School All-Stars*, State of Georgia Department of Human Services. (\$697,915).
- (2010) Co-Principle Investigator: *Extending Teacher Technology Competence through Mobile Digital Applications*. Georgia State University. (\$25,000).
- (2009) Co-Principle Investigator: *After School All Stars*, State of Georgia Department of Human Services. (\$697,915).
- (2009) Co-Principle Investigator: *Science and Technology Education through Probeware (STEP)*. Georgia State University. (\$50,000).
- (2009) Principle Investigator: *Creating Educational Simulations for STEM Teachers' Professional Development*. Georgia State University. (\$13,000).
- (2008) Co-Principle Investigator: *After School All Stars*, State of Georgia Department of Human Services. (\$697,915).
- (2007) Co-Principle Investigator: *Using Portable Media for Pre-service Teacher Professional Development*, Georgia State University. (\$25,321).
- (2007) Principle Investigator: *Media Effects on College Students' Comprehension of Narrative Passages*, Georgia State University. (\$6,000).
- (2003-2007) Co-Principle Investigator: *The Crossroads: Preparing Tomorrow's Teachers to Use Technology (PT3) at the Intersection of Content, Pedagogy and Technology*, U.S. Department of Education. (\$530,244).

(2006) Co-Principle Investigator: *Learning to Teach with Portable Multimedia Laboratories*, Georgia State University. (\$76,319).

(2005/6) University Technology Coordinator: *PDS2 Professional Development School Partnerships Deliver Success: Teacher Quality Enhancement Grants Program for Partnerships (TQE-P)*, U.S. Department of Education. (\$1,893,445).

(2005) Principle Investigator: *Improving Teacher Education through Video Enhanced Reflection*, Georgia State University. (\$16,230).

(2003-2005) Advisory Board Member and Consultant: Fund for the Improvement of Post-Secondary Education Comprehensive Grant: *Digital Historical Inquiry Project: Transforming Pre-Service Teacher Social Studies Training*, U.S. Department of Education. (\$500,665).

(2004) Co-Principle Investigator: *Interactive Multimedia Laboratory*, Georgia State University. (\$60,802).

(2003) Principle Investigator: *Portable Usability Laboratory*, Georgia State University. (\$39,059).

(2000-2002) Technology Project Manager, Designer, & Developer: *Project ESOL TAPESTRY*, U.S. Department of Education. (\$750,000).

(1999-2002). Technology Project Manager, Designer, & Developer: *A Teacher's Guide to the Holocaust*, Florida Department of Education.

### Unfunded

(2013) **Highly Rated.** Principle Investigator: *Improving the Effectiveness of Teachers Through Mobile Digital Video Reflection (M-DVR)*, Investing in Innovation Fund (i3): US Department of Education. (\$1,147,072).

### Administrative Leadership

#### Chair of Learning Technologies

(2016-present)

- (2014-present) Led four successful faculty searches for LTD.
- (2016/17) Established micro-credentialing program
- (2016) Successfully updated MS program
- (2016/17) Added K12 Teacher Certification Program
- (2017) Added MIS in Education Entrepreneurship
- (2016/17) Added seven new courses to LTD programs

### University Senate Chair

(2010-2012)

- (2010-2012) Chair, Senate Committee for Information Systems and Technology
  - (2007-2010) Member of the University Tech Fees Committee
  - (2010-2012) Chair, Technology Fees Committee
  - (2010-2012) Member, Technology Steering Group Committee
  - (2010-2012) Member, Mandatory Fees Committee

### Teaching

#### Georgia State University

(2002-present)

##### **Graduate courses**

- EDCI 9850: Instructional Technology Doctoral Student Seminar
- IT/LT 8000: Foundations of Instructional Technology
  - Completely redesigned as fully online course.
- IT/LT 8360: Design and Development of Multimedia for Education and Training
  - Created course
  - Completely redesigned as fully online course and to include newer, more relevant design and development strategies.
- IT/LT 8400: Advanced Authoring Technology
  - Created course
  - Completely redesigned as fully online course and to include newer, more relevant eLearning tools.
- IT/LT 8660: Instructional Technology Internship
- EDCI 8810: Directed Reading: Varied topics dealing with digital media and learning

##### **Undergraduate courses**

Coordinator and course developer for *Computer Skills for the Information Age*, an online undergraduate course with up to 275 students enrolled per semester taught largely by our doctoral students.

- IT 2010: Computer Skills for the Information Age
  - Re-created course as completely online, increasing number of sections offered from 1-2 sections of 20, to up to 11 sections of 25 per semester.
- IT 3210: Teachers and Technology

#### University of Florida & University of South Florida

(1995 – 2002)

##### **Graduate Courses**

- EME 6936: Telecommunications in Education (USF)
- EME 6936: Interactive Media (USF)

- EDF 6284: Problems in Instructional Design (USF)

#### ***Undergraduate courses***

- LIS 3361: Web Page Design and Management (USF)
- German 1, 2 & 3 (UF and USF)

#### ***Other teaching duties***

- Have served as guest speaker on Learning Technologies in many courses across departments (GSU)
- Directed 3 study abroad programs to Europe for USF International Affairs (USF)
- Designed and led various technology workshops for faculty and school teachers (USF)
- Taught ESL at the English language Institute (USF)

### **Czechoslovakia / Slovak Republic**

(1992 – 1995)

I first arrived in Czechoslovakia in 1992. Once there, I taught English as a Foreign Language to school children and in-service and pre-service teachers via the Slovak Ministry of Education, The University of Constantine the Philosopher's Teacher Training Center, and the PHARE global economic reform program.

#### **Advising**

#### **Doctoral Advisees (Chair)**

Name	Dr. Guolin Lai (2008)
Status	Graduated 2008
Topic	Examining the Effects of Computer-Based Scaffolds on Novice Teachers' Reflective Journal Writing
Name	Dr. Dana-Smith Bryant (2010)
Status	Graduated 2010
Topic	Technology Resolved: An Ethnographic Approach to Instructional Design Within Urban Middle School Debate
Name	Dr. Ingrid Thompson-Sellers (2011)
Status	Graduated 2011
Topic	What Drives Corporate Instructional Designers' Decision Making? A Mixed Methods Study

Name	Dr. Yuelu Sun (2012)
Status	Graduated 2012
Topic	Does Editing Video Enhance Teachers' Reflective Practice? A Schema-Based Approach
Name	Dr. Joseph Horne (2013)
Status	Graduated 2013
Topic	A Phenomenological Study of College Faculty's Changing Role as A Result of Ubiquitous Technologies
Name	Dr. Erin Davis (2014: Co-Chair with Laurie Brantley-Dias)
Status	Graduated 2014
Topic	Teacher planning problem space of expert technology integrating teachers
Name	Dr. Amana LeBlanc (2015: Co-Chair with Jodi Kaufman)
Status	Graduated 2015.
Topic	Gender and gaming: postmodern narratives of liminal spaces and selves
Name	Dr. Marissa Ball (Co-Chair with Laurie Brantley-Dias)
Status	Graduated
Topic	The role of technology within a school culture
Name	Jonathan Yerby
Status	Successfully defended dissertation
Topic	A Systemic Analysis of Presence in an Asynchronous Online University Course Using Structural Equation Modeling
Name	Bronne Dytoc
Status	Working on prospectus
Topic	Designing Engaging Learning Environments for Students of Architecture
Name	Eric Sembrat
Status	Working on prospectus
Topic	The design development and evaluation of an online Learning management system for informal STEM learning
Name	Aysegul Gok

Status	Working on prospectus
Topic	Effects of a gamified asynchronous online course on students' participation, interaction, and engagement
Name	Timothy Hicks
Status	Completing coursework
Topic	Participatory learning as a means to engage traditionally underrepresented youth in STEM
Name	Renee Jordan
Status	Completing coursework
Topic	Designing STEM problem based learning experiences for underrepresented youth
Name	James McDaniel
Status	Completing coursework
Topic	TBA

All of my advisees work with me directly co-teaching as GTAs, and working as GRAs on my funded and/or research projects. I also regularly present, publish, and teach with my doctoral advisees.

#### **Doctoral advisees (committee member)**

Dr. Y. Ma	Ph.D. IT	Exploring Faculty Perceptions of a Case Library as An Online Teaching Resource	Graduated
Dr. O. Ari	Ph.D. T&L	Meta-Comprehension Training for Remedial College Readers	Graduated
Dr. P. Lumpkin	Ph.D. IT	Faculty Perceptions of Teaching Online	Graduated
Dr. D. Sandford	Ph.D. IT	Construction of Professional Identity Among Novice Library Media Specialists	Graduated
Dr. F. Sarsar	Ph.D. IT	Effects of Emotional Feedback in A Synchronous Online Environment	Graduated
Dr. W. Dennyson	Ph.D. IT	Innovations in Online Teaching and Learning	Graduated
Dr. O. Dalba	Ph.D. IT	Effects of Individual Learning Preference on Achievement in Online Learning Environments	Graduated

Dr. S. Li	Ph.D. Comm	Viewers' Involvement and Persuasion in a Personal Television Environment	Graduated
A. Gilleland	Ph.D. IT	Does time of day students take online assessments affect their performance? A mixed methods study.	Graduated
M. Trent	Ph.D. K&H	Physical Education Online	Graduated
M. Lance	Ph.D. IT	The effects of audio feedback on students' sense of presence in asynchronous online environments	Working on prospectus
K. Wade	Ph.D. MSE	Project Based STEM Learning in an Urban After School Program	Working on prospectus
Z. Ozturk	Ph.D. ECE	Training Teachers on Developing Project Based Learning for Teaching Coding	Working on prospectus
T. Ayer	Ph.D.	Culturally relevant, gamified STEM/ICT Learning in an Urban After School Program	Finishing coursework
S. Chandler	Ph.D.	Undergraduate students' use of adaptive math tutoring software	Finishing coursework

### ***Publications with advisees***

\*†Ayer, T., Cohen, J., & Calandra, C. (in progress). An investigation of how collaboration and individual differences influenced middle school students' learning during a technology-enhanced problem solving task.

\*†Wade, K., Calandra, B., Cohen, J. (submitted). Mapping the evolution of an after-school STEM club for African American girls using activity theory. *Teachers' College Record*.

\*†Calandra, Brantley-Dias, Yerby & Demir (invited). Examining the Quality of Pre-Service Teachers' Written Reflections Using Video Recordings, Audio Recordings and Memories of a Teaching Event. *Contemporary Issues in Technology and Teacher Education*.

\*†Ari, O. & Calandra, B. (under review). Test of the Maximum Potential Thesis in Struggling College Readers: Considering Least Restrictive Supports and Accommodations for Post-Secondary Students. *Reading Psychology*.

\*†Renken, M., Cohen, C., Fuqua, A., Ayer, T. & Calandra, B. (accepted). *Who Stays and Who Goes? Connecting Prior Experiences, Interests, and Abilities to Retention in an After-school Computer-Based Program*. Paper submitted to CSCL 2017, the 12th International Conference on Computer Supported Collaborative Learning.

- \*†Calandra, B., Sun, Y., & Puvirajah, A. (2014). A New Perspective on Teachers' Video-Aided Reflection. *Journal of Digital Learning in Teacher Education*, 30(3), 104–109.
- \*†Thompson-Sellers, I. & Calandra, B. (2012). Ask the instructional designers: A cursory glance at practice in the workplace. *Performance Improvement*, 51(7), 21-27.
- Calandra, B., Ma, Y. & Lai, G. (2011) Multimedia teaching and learning: Trends and issues in the west. In R. Ouyang & C.X. Wang (Eds.), *Instructional Technology*. China: Renmin University Press.
- \*†(award winning paper) Lai, G. & Calandra, B. (2010). Examining the effects of computer-based scaffolds on novice teachers' reflective journal writing. *Educational Technology Research and Development*, 58(4), 421-437.
- \*†Lai, G., Calandra, B., & Ma, Y. (2009). Leveraging the potential of design-based research to improve reflective thinking in an educational assessment system. *International Journal of Technology in Teaching and Learning*, 5(2), 119-137.
- \*†Calandra, B., Barron, A.E., & Thompson-Sellers, I. (2008). Audio use in e-Learning: What, why, when, and how? *International Journal of eLearning*, 7(4), 589-601.
- \*†Lai, G., Calandra, B. & Ma, Y. (2008). Leveraging the potential of design-based research to enhance preservice teachers' online reflective practice: A case study. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2008* (pp. 1132-1139). Chesapeake, VA: AACE.
- \*†Lai, G., & Calandra, B. (2007). An Exploration of Pre-service Teachers' Reflective Practice Problems in an Educational System and What Computer-based Scaffolds Can Do to Enhance their Reflectivity Development. *International Journal of Technology in Teaching and Learning*. Refereed, International.
- †Flanagan, B. & Calandra, B. (2005). Podcasting for the K12 classroom. *Learning and Leading with Technology*, 33(3), 20-25. Non-refereed, National.
- †Lai, G., Sun, Y., & Calandra, B. (2005). Rationale behind the adoption of computer-mediated communication channels in an urban teachers' electronic support system. In M. Simonson & M. Crawford (Ed.), *28<sup>th</sup> Annual Proceedings: Selected Papers from the 2005 National Convention of the Association for Educational Communications and Technology* (pp. 323-327), Orlando, FL: AECT. Refereed, International.
- †Calandra, B., & Lai, G. (2005). A digital video reflection tool for urban teachers in training. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (pp. 2472-2476). Chesapeake, VA: AACE. Refereed, International.



†Calandra, B., Lai, G., and Sun Y. (2004). TEPS: Initial steps in the design of electronic support for novice teachers. In M. Simonson & M. Crawford (Ed.), *27<sup>th</sup> Annual Proceedings: Selected Papers from the 2004 National Convention of the Association for Educational Communications and Technology* (pp. 87-91). Chicago, IL: AECT. Refereed, International.

**Conference Presentations with advisees**

Ayer, T., Cohen, C., & Calandra, B. (accepted). *Culturally Relevant, Gameful, Informal Learning for Relevant, Engaging, and Authentic Instruction in a Multicultural Context*. Paper submitted for the American Educational Research Association (AERA) 2017 conference.

Jordan, R. (accepted). *I Am Because We Are Creative Equals: Technology Skills as Defined, Discussed and Demonstrated by Students in an Urban Middle School*. Paper submitted for the American Educational Research Association (AERA) 2017 conference.

Ari, O. & Calandra, B. (2016). *A Test of the Maximum Potential Thesis in Struggling College Readers: Considering Least Restrictive Supports and Accommodations for Post-Secondary Students*. Paper to be presented at the American Educational Research Association (AERA) 2016 conference, Washington, DC.

Ayer, T., Calandra, B. & Cohen, C. (2016). *Culturally Relevant, Gameful, Informal Learning*. 3rd. Paper presented at the International Conference on New Trends in Education (ICNTE) at Seferihisar-Izmir, Turkey.

Gok, A. & Calandra, B. (2016). *Trends of Game-based Learning in Higher Education between 2005 and 2013*. Paper presented at (SITE) the 27th annual Conference of the Society for Information Technology and Teacher Education, Savannah, GA.

Gok, A. & Calandra, B. (2016). *A New Way of Gamifying a Course in Online Higher Education*. Paper presented at (SITE) the 27th annual Conference of the Society for Information Technology and Teacher Education, Savannah, GA.

\* Sun, Y., Calandra, B., & Puvirajah, A. (2011). *Exploring College Students' Experience Using Video Editing Technology: A Qualitative Case Study*. Paper presented at the Association for Educational Technology and Communications Conference (AECT), Jacksonville, FL.

\* Sun, Y., Calandra, B., & Puvirajah, A. (2011). *Exploring Novice Science Teachers' Construction of Expert Professional Knowledge Using Digital Video Editing Technology*. Paper presented at the Association for Educational Technology and Communications Conference (AECT), Jacksonville, FL.

\* Calandra, B., Puvirajah, A., & Sun Y. (2010). Digital video as a cognitive tool: An exploration of the cognitive process of science student teachers using digital video editing technology. Paper presented at the American Educational Research Association (AERA) 2010 conference, Denver,

CO.

- \* Thompson-Sellers, & Calandra (2010). From Theory to Practice: How Do Instructional Designers Make Design Decisions? To be presented at the *Eastern Educational Research Association (EERA) 2010 conference*, Savannah, GA.
- \* Lai, G., & Calandra, B. (2008). Examining the effects of selected computer-based scaffolds on preservice teachers' levels of reflection as evidenced in their online journal writing. American Educational Research Association (AERA) 2008 conference, New York, NY.
- Lai, G., Calandra, B., & Sun, Y. (2008). Human-computer interface design and its role in the diffusion and adoption of EPSS-like educational systems. American Educational Research Association (AERA) 2008 conference, New York, NY.
- Sun, Y., Calandra, B., & Lai, G. (2008). Asian graduate students' perceptions of the computer-mediated communication learning environment. American Educational Research Association (AERA) 2008 conference, New York, NY.
- Lai, G., Calandra, B., & Ma, Y. (2008). Leveraging design-based research to enhance pre-service teachers' online reflective practice. Paper presented at the Society for Information Technology and Teacher Education (SITE) 2008 conference, Las Vegas, NV.
- \* Lai, G., & Calandra, B. (2007). *Exploring pre-service teachers' reflective writing problems and what computer-based scaffolds can do to enhance their reflectivity development*. Paper presented at the 17th International Conference of the Society for Information Technology and Teacher Education, San Antonio, TX.
- Calandra, B., Sun, Y., & Lai, G. (2005). *Computer mediated communication as support for urban teacher preparation*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.
- Sun, Y., & Calandra, B. (2005). *Diffusion and adoption of TEPPS in teacher education*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.
- Calandra, B. & Lai, G (2005). *A digital video reflection tool for urban teachers in training*. Paper presented at the 16th International Conference of the Society for Information Technology and Teacher Education, Phoenix, AZ.
- Calandra, B., Lai, G. & Sun Y. (2004). *TEPPS: Initial steps in the design of electronic support for teachers in action*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

**I have also been major advisor for around 8 MS students during any given year. My graduates are working in corporate, non-profit, public school and university settings.**

## Service

### The Profession

- The National Science Foundation
  - (2017) Conference Planning Committee Member: ITEST PI Summit, Arlington, VA.
  - (2016) ITEST Grant Review Panel
- American Educational Research Association (AERA)
  - (2010) Leadership Award Recipient: Instructional Technology Special Interest Group (2007-10) Chair: Instructional Technology Special Interest Group (SIG IT)
  - (2006/07) Communications Officer: SIG IT
  - (2003-2010) Proposal reviewer: SIG IT
- Association for Educational Communications and Technology (AECT)
  - (2006/7) Conference proposal reviewer: Teacher Education Division
  - (2005/6) Conference proposal reviewer: Research Division
  - (2005/6) Conference proposal reviewer: Design and Development Division
- Professors of Instructional Design and Technology (PIDT)
  - (2003/4) Program Co-Chair: Annual Meeting, Blacksburg, VA
  - (2002/3) Program Planner: Annual Meeting, Estes Park, CO

### The University

- (2016-17) Lead: *Human Cognition, Learning, and Technology: A Learning Sciences Center*, a Proposal for the Next Generation Faculty Program.
- (2007-present) Faculty Senator
  - (2007-present) Information Systems and Technology
  - (2014-present) Senate Library Committee
- (2010-2012) Chair, Senate Committee for Information Systems and Technology
  - (2007-2010) Member of the University Tech Fees Committee
  - (2010-2012) Chair, Technology Fees Committee
  - (2010-2012) Member, Technology Steering Group Committee
  - (2010-2012) Member, Mandatory Fees Committee
- (2007-2013) Committee on Academic Programs
  - (2012-1203) Undergraduate Committee
  - (2007-2012) Graduate Programs Committee
- (2012/13) Member of second Century Initiative Cluster Hire Proposal Writing Team: *Urban minority gifted students on a pathway to STEM success*
  - (2012) University Digital Champions Workshop Facilitator

- (2012) Ad Hoc Committee on Graduate Faculty Status
- (2011) Ad Hoc Task Force for University Strategic Action Plan
- (2010) Ad Hoc Committee on Undergraduate Attendance

### **The College**

- (2012-2014) College Tech Fees Coordinator
- (2013) Ad Hoc Committee on Graduate Professional Faculty
- (2012) Advisory Committee on Promotion and Tenure
- (2010-present) College Technology Steering Group
- (2005-8) Dean's Advisory Committee
  - (2008) COE Strategic Plan Task Force, GSU
  - (2008) Co-Chair of Special Interest Group for Strategic Planning Retreat
- (2005/6) Dean's Task Force for the Georgia Teacher Success Model Initiative
- (2003/4) Speakers Symposium Committee
- (2003) College Technology Committee
- (2003) College Website Committee

### **The Department**

- (Fall 2016 – Present) Department Chair of Learning Technologies
- (2006-present) Faculty Coordinator for up to 10 sections each semester of IT 2010
- (2016) Search Committee Chair for 2 Learning Technologies Faculty Members/Research
- (2015) Search Committee Chair for Learning Technologies Faculty Member/Corporate
- (2014) Search Committee Chair for Learning Technologies Faculty Member/K12
- (2010-2013) Unit Leader for Learning Technologies (Instructional Technology)
- (2012) Search Committee member for Faculty Member in ESOL
- (2008-2010) Instructional Technology MS Program Coordinator
- (2008-2011) Department Promotion and Tenure Committee member
- (2010) Search committee member for Faculty Member in Language and Literacy
- (2009) Search committee member for Faculty Member in Math Education
- (2009) Search committee member for Faculty Member in Language and Literacy
- (2008) Search committee member for Faculty Member in Language and Literacy
- (2003-2007) Web Consultant
- (2003/4) Chair: Technology Committee
- (2004) Member: 2 MSIT faculty search committees
- (2003) Member: MSIT Middle Grades Committee
- (2003) Member: 2 MSIT faculty search committees.

### The Community

- (2008-2016) As part of a recurring grant - develop innovative, technology enhanced, project-based summer and after school activities for middle school students in the Atlanta Metro area.
- (2013 - 2015) Assistant Soccer Coach at Renfroe Middle School, Decatur GA
- (2012/13) President of the PTA Board at College Heights Early Childhood Learning Center, Decatur, GA.
- (2012/13) Member of School Advisory Board College Heights Early Childhood Learning Center, Decatur, GA.
- (2011) Volunteer flag-football coach for the Decatur, GA recreation department.
- (2006-2010) Volunteer youth soccer coach for 8 seasons at the Decatur-DeKalb YMCA.
- (2008, 2010) Donated web development and design work to CARE International as a part of the *Safety and Security Awareness Training Project*.
- (2007/8) Worked in an advisory capacity with Barrow county schools on their Internet 2 initiative.
- (2005/6) Technology Site Coordinator and advisor for the PDS2 professional development schools grant.