

## CURRICULUM VITAE

JILL CASTEK, Ph.D.

### Education

Post-doc	2008-2012	Graduate School of Education: Lawrence Hall of Science, University of California, Berkeley
Ph.D.	2003-2008	Educational Psychology: Cognition & Instruction Emphasis in Literacy and Technology University of Connecticut
M.S.	1997-1999	Education, K-12 Reading Specialist Emphasis California State University, East Bay
B.A.	1988-1992	Liberal Studies, Western European Studies Certificate University of Pittsburgh

### Employment

Associate Professor	University of Arizona	2016-Present
Research Assistant Professor	Portland State University	2012-2016
Post-doctoral Scholar	University of California	2007-2012
Graduate Research Associate	University of Connecticut	2003-2008

### Dissertation

*How are the new literacies of online reading comprehension acquired by 4<sup>th</sup> and 5<sup>th</sup> grade students?*, 2008, Donald J. Leu, Ph.D.

### Research Grants

- Principal Investigator, *Training Researchers to Use PIAAC to Further Multidisciplinary Research Aims*, Institute of Education Sciences (IES) (\$918,000)
- Principal Investigator, *Advancing Digital Equity in Public Libraries: Assessing Library Patrons' Problem Solving in Technology Rich Environments*, Institute for Museum and Library Services (IMLS) (\$500,000)
- Principal Investigator, *Fostering Digital Literacy and Engagement with Online Health Portals* – a Community Health Fund project of Legacy Health (\$75,000)
- Principal Investigator, *Building and Sustaining Learner Engagement in the Tutor-Facilitated Digital Literacy Acquisition Process*, Institute for Museum and Library Services (IMLS) (\$999,493)

### Refereed Publications

#### Books

Harrison, C., Dwyer, B., & Castek, J. (2014). *Using technology to improve reading and learning*. Huntington Beach, CA: Shell Education.

## Chapters

- Coiro, J., Kiili, C., & Castek, J. (in press). Designing pedagogies for literacy and learning through personal digital inquiry. In E. Gee and F. Serafini (Eds.) *Re-Imagining Multiliteracies: The New London Group 20 Years Later*. NY, NY: Teachers College Press.
- Castek, J. (2016). Exploring the potential of Internet reciprocal teaching to improve online reading. In K. Mokhtari (Ed.) *Improving reading comprehension through metacognitive reading strategies instruction*. (p. 209-219). Lanham, MD: Rowman and Littlefield.
- Beach, R., Castek, J. & Scott, J. (2016). Acquiring processes for responding to and creating multimodal digital productions. (p.292-309). In K. Hinchman and D. Appleman (Eds.) *Handbook of Practice-based Research*. NY, NY: Guilford Press.
- Beach, R. & Castek, J. (2016). Use of app and device affordances for fostering mobile learning across the curriculum. (p. 343-370). In B. Guzzetti M. M. Lesley (Eds.) *Handbook of Research on the Societal Impact of Digital Media*. Hershey, PA: IGI Global.
- Jacobs, G., Withers, E., Castek, J. (2016). Exiting the pipeline: The role of a digital literacy acquisition program within the Orleans Parish Prison reentry process (p.167-177). In K. Fashing-Varner, L. Martin, R. Mitchell, K. Bennett-Haron, & A. Daneshzadeh (Eds.) *Understanding, Dismantling, and Disrupting the Prison-to-School Pipeline*. Lanham, MD: Lexington Books.
- Castek, J., Henry, L., Coiro, J., Leu, D., & Hartman, D. (2015). Research on instruction and assessment in the new literacies of online research and comprehension (p. 324-344). In S. Parris and K. Headley, *Comprehension Instruction: Research-Based Best Practices (3<sup>rd</sup> Edition)*. NY, NY: Guilford Press.
- Castek, J. (2015). Instruction with multimodal, multiple texts. International Literacy Association E-ssentials Series: Newark, DE. <http://reading.org/general/Publications/e-ssentials/e8064>
- Castek, J. & Goss, M. (2015). Annotation apps: Supporting middle school students' interpretation of science texts (p. 101-110). In K. Pytash, R. Ferdig, and T. Rasinski (Eds.) *Using technology to enhance reading: Innovative approaches to literacy instruction*. Bloomington, IN: Solution Tree.
- Castek, J., Beach, R., Cotanch, H., & Scott, J. (2014). Examining middle-school students' uses of Diigo annotations to engage in collaborative argumentative writing (p. 80-101). In R. Anderson and C. Mims (Eds). *Handbook of Research on Digital Tools for Writing Instruction in K-12*. Hershey, PA: IGI.
- Castek, J. & Lapp, D. (2014). Selecting materials for the literacy program. In S. Wepner, D. Strickland, & D. Quatroche (Eds.) *The Administration and Supervision of Reading Programs* (5th ed). New York: NY: Teachers College Press.

- Castek, J., Cotanch, H. (2013). Examining 7<sup>th</sup> graders tablet-created screencasts to promote safe driving: Reflections from a service learning project (p. 186-200). In R. Ferdig and K.Pytash (Eds.) *Exploring multimodal composition and digital writing*. Hershey, PA: IGI Global.
- Leu, D.J. & Coiro, J., Kinzer, C., Castek, J., & Henry, L.A. (2013). A dual level theory of the changing nature of literacy, instruction, and assessment (p. 1150 – 1181). In N. Unrau and D. Alvermann (Eds.) *Theoretical models and processes of reading* (6th ed.). Newark, DE: International Reading Association.
- Castek, J. (2012). Do new technologies have the potential to transform education by replacing current teaching methods? (p 208-225). In C. J. Russo, & A. G. Osborne, Jr. (Series Eds.), & K. Brady, C. Russo, & A. Osborne (Vol. Eds.), *Debating Issues in American Education: Technology in schools*. Thousand Oaks, CA: SAGE Publications, Inc.
- Castek, J., Dalton, B., & Grisham, D. (2012). Using multimedia to support generative vocabulary learning (p 303-321). In J. Baumann and E. Kame'enui (Eds.) *Vocabulary Instruction: Research to Practice* (2<sup>nd</sup> ed.). New York, NY: Guilford Press.
- Castek, J. (2011). If you want students to evaluate online resources and other new media—teach them how (p. 105–123). New. In D. Lapp and B. Moss (Eds.). *Teaching With Rigor: Supporting Multiple Ways of Learning*. New York, NY: Guilford Press.
- Castek, J. & Gwinn, C. (2011). Technology in the literacy program. In R. Bean and A. Swan Dagen (Eds.) *Best practices of literacy leaders: Keys to School Improvement* (295-316). NY, NY: Guilford Press.
- Castek, J., Zawilinski, L., McVerry, G., O'Byrne, I., & Leu, D. J. (2011). The new literacies of online reading comprehension: New opportunities and challenges for students with learning difficulties. (p. 91-110). In C. Wyatt-Smith, J. Elkins, & S. Gunn (Eds.) *Multiple perspectives on difficulties in learning literacy and numeracy* NY, NY: Springer.
- Castek, J. & Mangelson, J. & Goldstone, B. (2010). Reading adventures online: Five ways to introduce the new literacies of the Internet through children's literature. (p. 128-142) Reprinted in R. M. Bean, N. Heisey, N., & C.M. Roller. *Preparing Reading Professionals* (2nd Ed.) Newark, DE: International Reading Association.
- Coiro, J., & Castek, J. (2010). Assessment frameworks for teaching and learning English language arts in a digital age. In D. Lapp & D. Fisher (Eds.) *Handbook of research on teaching the English Language Arts* (3rd Ed.) (314-321). Co-Sponsored by the International Reading Association and the National Council of Teachers of English. NY, NY: Routledge.
- Malloy, J., Castek, J., Leu, D.J. (2010). Silent reading and online reading comprehension. In E. Hiebert and R. Reutzel, (Eds.) *Revisiting Silent Reading*. (221-240). Newark, DE: International Reading Association.

- Leu, D.J., McVerry, G., O’Byrne, W.I., Zawilinski, L., Castek, J., Hartman, D.K. (2009). The new literacies of online reading comprehension and the irony of no child left behind: Students who require our assistance the most, actually receive it the least (p.176-194). In L. Mandel Morrow, R. Rueda, & D. Lapp (Eds.) *Handbook of research on literacy instruction: Issues of diversity, policy, and equity.* New York, NY: Guilford Press.
- Castek, J., Leu, D. J., Jr., Coiro, J., Gort, M., Henry, L. A., & Lima, C. (2008). Developing new literacies among multilingual learners in the elementary grades (p. 111-153). In L. Parker (Ed.) *Technology-mediated learning environments for young English learners: Connections in and out of school.* New York, NY: Routledge.
- Leu, D.J., Coiro, J., Castek, J., Hartman, D., Henry, L. A., Reinking, D. (2008). Research on Instruction and assessment in the new literacies of online reading comprehension. In K. Collins Block and S. Parris (Eds). *Comprehension instruction: Research-based best practices.* (321-346). New York, NY: Guilford.
- Leu, D. J., Zawilinski, L., Castek, J., Banerjee, M., Housand, B., Liu, Y. & O’Neil, M. (2007). What is new about the new literacies of online reading comprehension? (p. 37-68). In J. Eakle, L. Rush, & A. Berger (Eds.) *Secondary school literacy: What research reveals for classroom practice.* Urbana, IL: National Council of Teachers of English (NCTE).

### Articles

- Castek, J. & Manderino, M. (accepted). A planning framework for integrating digital literacies for disciplinary learning. *Journal of Adolescent and Adult Literacy.* Newark, DE: International Reading Association.
- Coiro, J. & Castek, J., & Quinn, D. (2016). Personal inquiry and online research: Connecting learners in ways that matter. *Reading Teacher, 69* (5), 483-492. Newark, DE: International Literacy Association.
- Goss, M., Castek, J. & Manderino, M. (2016). Disciplinary and digital literacies: Three synergies. *Journal of Adolescent and Adult Literacy. 60* (3), 335-340. Newark, DE: International Reading Association.
- Sekeres, D.C., Castek, J. (2016). Collaborative online inquiry: Exploring students’ skills in locating, reading, and communicating information. *Journal of Interactive Online Learning. 14* (2), 58-79.
- Manderino, M. & Castek, J. (2016). Digital literacies for disciplinary learning: A call to action. *Journal of Adolescent and Adult Literacy, 60*(1) 78-81. Newark, DE: International Literacy Association.
- Castek, J. & Coiro, J. (2015). Understanding what learners know: Evaluating their online research and reading comprehension skills. *Journal of Adolescent and Adult Literacy. 58*(7). 546–549. Newark, DE: International Literacy Association.

- Sekeres, D., Coiro, J., Castek, J., Guzniczak, L. (2014). Wondering + inquiry = learning: Designing collaborative online inquiries for elementary students. *Phi Delta Kappan*. 96 (44). 44-48.
- Jacobs, G., Castek, J., Pizzolato, A., Reder, S., & Pendell, K. (2014). Multiliteracies: Production and Consumption: A closer look at adult digital literacy acquisition. *Journal of Adolescent and Adult Literacy* 57(8). 624-627. Newark, DE: Inter. Literacy Assoc.
- Coiro, J., Sekeres, D.C., Castek, J., & Guzniczak, L. (2014). Comparing third, fourth, and fifth graders' collaborative interactions while engaged in online inquiry. *Journal of Education*, 194(2), 1-16.
- Castek, J. & Kretschmar, L. (2014). Online collaborative writing platform drives student problem solving, critical thinking, and ownership of text. *Reading Today, Digital Literacy Issue*. 23-24.
- Pendell, K., Withers, E., Castek, J., Reder, S. (2013). Tutor-facilitated adult digital literacy learning: Insights from a case study. *Internet Reference Services Quarterly*, 18, 1–21.
- Castek, J. & Beach, R. (2013). Using apps to support disciplinary literacy and science learning. *Journal of Adolescent and Adult Literacy*. 56 (7), 554–564.
- Castek, J. & Beach, R. (2013). Using apps to support disciplinary literacy and science learning. International Reading Association cross- journal virtual issue highlighting *Reaching Teacher, Journal of Adolescent and Adult Literacy*, and *Reading Research Quarterly* articles on digital literacies.  
[http://onlinelibrary.wiley.com/subject/code/000048/homepage/digital\\_literacies.htm](http://onlinelibrary.wiley.com/subject/code/000048/homepage/digital_literacies.htm)
- Castek, J. & Kretschmar, L. (2013). Collaborative Writing: Weaving collective ideas together into a single text. *The California Reader*, 46(1) 31-35.
- Cervetti, G., Tilson, J., Castek, J., Bravo, M., & Tranin, G. (2013). Examining multiple dimensions of word knowledge for content vocabulary understanding. *Journal of Education*, 192 (2/3) 49-61.
- Castek, J. (2013). Supporting online reading comprehension through Internet reciprocal teaching. *The California Reader*, 46(3) 22-26.
- Castek, J., Coiro, J., Guzniczak, L., & Bradshaw, C. (2012). Understanding peer collaboration in online inquiry. *Educational Forum*. 76(4), 479-496.
- Henry, L.A., Castek, J. Zawilinski, L., O'Byrne, I. (2012). Using peer collaboration to support online reading, writing, and communication: An empowerment model for struggling readers. *Reading and Writing Quarterly: Overcoming Learning Difficulties*, 28, 279–306.
- Cotanch, H., & Castek, J. (2012). Insights from a service-learning project. *The California Reader*, 45(3) 41-47.

- Castek, J. (2012). Supporting emergent bilingual students' literacy and learning in a digital age. *The California Reader*, 45 (1) 35-39.
- Coiro, J., Castek, J. & Guzniczak, L. (2011). Uncovering online reading comprehension processes: Two adolescents reading independently and collaboratively on the Internet (p. 354-369). In P. Dunston, L. Gambrell, K. Headley, S. Fullerton, P. Stecker, V. Gillis, & C. Bates (Eds.) *60<sup>th</sup> Annual Yearbook of the Literacy Research Association*. Oak Creek, WI: Literacy Research Association.
- Castek, J. (2011, July). Teaching with new technologies: Using the Internet to provide content rich comprehension instruction. *The California Reader*, 44 (6), 44-48.
- Castek, J. (2011, April). Educators at the cutting edge: Expanding professional learning communities with blogs. *The California Reader*, 44 (4), 46-50.
- Tilson, J., Castek, J., & Goss, M. (2010). Exploring the influence of science writing instruction on fourth graders' writing development. In R. Jimenez, V. Risko, D. Wells Rowe, & M. Hundley (Eds.) *59<sup>th</sup> Yearbook of the National Reading Conference* (117-134). Oak Creek, WI: National Reading Conference.
- Castek, J., Coiro, J., Hartman, D. K., Henry, L. A., Leu, D. J., Zawilinski, L. (2010). Thinking about our future as researchers: New Literacies, new challenges, and new opportunities. Reprinted in W. M. Linek, D. D. Massey, E. G. Sturtevant, L. Cochran, B. McClanahan, & M. B. Sampson (Eds.), *College Reading Association Legacy: A Celebration of 50 Years of Literacy Leadership*. Volume II. (875-894). Association of Literacy Educators and Researchers: St. Cloud, MN.
- Castek, J. (2010). Using eZines to engage readers and writers. *The California Reader*, 44 (2), 44-46.
- Boling, E., Castek, J., Zawilinski, L, Barton, K., & Nierlich, T. (2008). Collaborative literacy: Blogs and Internet projects. *The Reading Teacher*, 61, 504–506.
- Castek, J., Coiro, J., Hartman, D., Henry, L.A., & Leu, D.J. (2007). Thinking about our future as researchers: New literacies, new challenges, and new opportunities (p. 31-50). In F. Falk Ross, M. Foote, P. Linder, M. B., Sampson, S. Szabo (Eds.). *The 28th yearbook of the college reading association*. Texas A&M University: College Reading Association.
- Holcomb, L., Castek, J., & Johnson, P. (2007). Unlocking the potential of K-12 classroom websites to enhance learning. *New England Reading Association Journal*, 1, 36-43.
- Castek, J., & Mangleson, J. & Goldstone, B. (2006). Reading adventures online: Five ways to introduce the new literacies of the Internet through children's literature. *The Reading Teacher*, 59, 714-728.

- Castek, J., Henry, L.A., & McMullan, M. (2005). Reading and writing the Internet with kids/ Leyendo y escribiendo en el internet con los niños. *Los Angeles Times*, Online: <http://www.latimes.com/extras/readingby9/parentguide/story12.html>
- Leu, D.J., Castek, J., Henry, L.A., Coiro, J., & McMullan, M. (2004). The lessons that children teach us: Integrating children's literature and the new literacies of the Internet. *The Reading Teacher*, 57, 496-503.
- Henry, L.A., Castek, J., Roberts, L., Coiro, J. & Leu, D.J. (2004). Case technologies to enhance Literacy learning, a new model for early literacy teacher preparation, *Knowledge Quest*, p. 24-27.
- Leu, D.J., Coiro, J., Castek, J., & Henry, L.A. (2004). A history of reading: From papyrus to text messages. *Time to Read 2004-2005* Special Tribute Issue of Time Magazine, 12-14.

### **Research Reports**

- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Language learners: Tutor perspectives. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Language learners: The role of online materials. Digital literacy: What research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Language learners: The learner/tutor relationship. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Language learners: Learners' perspectives. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
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- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Program design: The learner path. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
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- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Program design: Learning digital skills in a time-limited program. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Program design: Learning digital skills in a corrections setting. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Tutors: Personal qualities of tutors. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
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- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Tutors: The tutor-learner relationship. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Learners: Development of self-confidence. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Learners: Measuring success. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Learners: Impact. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Learners: Learners who become tutors. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder S., & Withers, E. (2015). Learners: Self-paced learning. Digital literacy what research tells us series. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
- Jacobs, G., Castek, J., Pizzolato, A., Withers, E., Pendell, K., Reder, S. (2015). Community connections: A digital literacy acquisition policy brief. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)
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Withers, E., Jacobs, G., Pizzolato, A., Castek, J., Pendell, K., Reder, S. (2015). Job seeking learners: A digital literacy acquisition case study. Retrieved from [http://pdxscholar.library.pdx.edu/dla\\_research\\_briefs/](http://pdxscholar.library.pdx.edu/dla_research_briefs/)

New Literacies Research Team\* & Internet Reading Research Group†. (2006). *Results summary report from the Survey of Internet Usage and Online Reading for School Districts 01C, 02C, 03C, 04C, 05C, 06C, & 10-C (Research Report Numbers. 1,2,3,4, 5, &6)*. Storrs: University of Connecticut, New Literacies Research Lab. \*Including: Castek, J., Coiro, J., Henry, L.A., Lentini, A., & Leu, D.J., at the University of CT. †Including: Carter, A., Malloy, J., Mills, C., Reinking, D., Rogers, A., & Witte, J., at Clemson University. Online: <http://www.newliteracies.uconn.edu/pubs.html>

Leu, D.J., Castek, J., Hartman, D., Coiro, J., & Henry, L.A., Kulikowich, J. & Lyver, S. (2005). *Evaluating the development of scientific knowledge and new forms of reading comprehension during online learning*. Research report submitted to the North Central Regional Educational Laboratory/Learning Point Associates. Chicago, IL.

Leu, D.J., Castek, J., Coiro, J., Gort, M., Henry, L.A. & Lima, C.O. (2005). *Developing new literacies among multilingual learners in the elementary grades*. Technology in Support of Young Second Language Learners Project at the University of California, Office of the President, under a grant from the William and Flora Hewlett Foundation. Palo Alto, CA.

### **Other: Columns and Contributions to Nationally Circulated Magazines**

Castek, J. (2017). Learn by doing: Exploring the values, networks, and genres of making. *Reading Today Online*, International Literacy Association.

Castek, J. (2015, May). Social practices that support learning. *Reading Today Online*, International Literacy Association.

Castek, J. (2013, April). Using apps to extend literacy and content learning. *Reading Today Online*, International Literacy Association.

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Mangelson, J. & Castek, J. (2009, July). Responding to literature with VoiceThread. *Book Links*, American Library Association. 18 (6). 31-33. Online: <http://web1.ala.org/ala/aboutala/offices/publishing/booklinks/resources/voicethread.cfm>

Castek, J. & Mangelson, J. (2009, May). Summer reading. *Book Links*, American Library Association. 18 (5). 39-41. Online:

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<http://www.ala.org/ala/aboutala/offices/publishing/booklinks/resources/onlinebooks.cfm>
- Mangelson, J., & Castek, J. (2009, January). Pairing non-fiction books and web sites. *Book Links*, American Library Association. 18 (3). 48-49. Online:  
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[http://www.ala.org/ala/aboutala/offices/publishing/booklinks/resources/online\\_reading.cfm](http://www.ala.org/ala/aboutala/offices/publishing/booklinks/resources/online_reading.cfm)
- Mangelson, J., & Castek, J. (2008, July). Supporting student inquiry through webquests. *Book Links*, American Library Association. 17(6), 46-47. Online:  
[http://www.lita.org/ala/aboutala/offices/publishing/booklinks/resources/thinking\\_outsid\\_the\\_book.cfm](http://www.lita.org/ala/aboutala/offices/publishing/booklinks/resources/thinking_outsid_the_book.cfm)
- Castek, J., & Mangelson, J. (2008, May). Reading the world with Google Earth. *Book Links*, American Library Association 17(5), 40-41. Online:  
<http://ala.org/ala/aboutala/offices/publishing/booklinks/resources/googleearth.cfm>
- Mangelson, J., & Castek, J. (2008, March). Making reading and writing connections online. *Book Links*, American Library Association 17 (4), 54-55. Online:  
<http://pla.org/ala/aboutala/offices/publishing/booklinks/resources/readingandwriting.cfm>
- Mangelson, J. & Castek, J. (2008, January). Inviting students to become authors online. *Book Links*, American Library Association. 17 (3), 14-15. Online:  
<http://ala.org/ala/aboutala/offices/publishing/booklinks/resources/authors.cfm>
- Mangelson, J. & Castek, J. (2007, November). Online resources that make reading fun. *Book Links*, American Library Association. 17 (2), 16. Online:  
<http://www.pla.org/ala/aboutala/offices/publishing/booklinks/resources/outsidethebook.cfm>

### **Other: Curriculum Materials**

- Seeds of Science/Roots of Reading Integrated Science/Literacy Team\* (2011, Fall). Scale and Models (Grades 6-8). Including Barber, J., Castek, J., Curley, J., Goss, M., & Romano, C.
- Seeds of Science/Roots of Reading Integrated Science/Literacy Team\* (2010, Spring). *Seeds of Science/Roots of Reading™ integrated science and literacy instructional unit—Planets and Moons* (Grades 4-5). \* Including Baker, J., Bravo, M., Castek, J., Cervetti, G., Erickson, J., Loper, S., & Tilson, J.

Seeds of Science/Roots of Reading Integrated Science/Literacy Team\* (2009, Winter). *Seeds of Science/Roots of Reading™ integrated science and literacy instructional unit–Light Energy* (Grades 3-4). \* Including Baker, J., Bravo, M., Castek, J., Curley, J., Erickson, J., Loper, S., Strohl, C., & Tilson, J.

Seeds of Science/Roots of Reading Integrated Science/Literacy Team\* (2009, Spring). *Seeds of Science/Roots of Reading™ integrated science and literacy instructional unit–Variation and Adaptation* (Grades 3-4). \* Including Baker, J., Bravo, M., Castek, J., Connolly, M., Curley, J., and Goss, M.

Seeds of Science/Roots of Reading Integrated Science/Literacy Team\* (2009, Fall). *Seeds of Science/Roots of Reading™ integrated science and literacy instructional unit–Digestion and Body Systems* (Grades 3-4). \* Including Baker, J., Bravo, M., Castek, J., Connolly, M., Curley, J., Goss, M., & King-Chen, J.

Seeds of Science/Roots of Reading Literacy Team\* (2009-2010). *Seeds of Science/Roots of Reading™ literacy strategy guides* (eighty-one individual curriculum pieces). \* Including Baker, J., Bravo, M., Castek, J., Cervetti, G., Curley, J., Goss, M., Jaynes, C., Loper, S., Strohl, C., Shafer, E., & Tilson, J. Online:  
<http://www.scienceandliteracy.org/teachersupport/strategyguides>

#### **Other: Newsletter Articles**

Jacobs, G., Castek, J., Pizzolato, A., Withers, E., Pendell, K. Adult New-to-computer users: A glimpse into the learner path. Up Next: The Institute for Museum and Library Services Blog. Online: <http://blog.imls.gov/?p=5541>

Castek, J. (2010, Fall). New literacies teacher leader institute: An exciting new approach to professional development. *Technology in Literacy Education Special Interest Group (TILE Sig)*. International Reading Association. Online:  
<http://tilesig.wikispaces.com/Newsletters>

Castek, J. (2008, Spring). Extending literature responses by encouraging the exploration of Google Earth's three-dimensional annotated maps of the world. *Technology in Literacy Education Special Interest Group (TILE-Sig)*. International Reading Association. Online: <http://tilesig.wikispaces.com/Newsletters>

Castek, J. (2007, Fall). Book review--Reading the web: Strategies for Internet inquiry. *Technology in Literacy Education Special Interest Group (TILE-Sig)*. International Reading Association. Online: <http://tilesig.wikispaces.com/Newsletters>

#### **Invited Speaker Presentations**

Castek, J. & Manderino, M. (2017, June). Digital literacies for disciplinary learning: Interactions that build conceptual knowledge, practices, and habits of mind. Literacy Research Panel, International Literacy Association Conference. Orlando, FL.

- Castek, J. (2017, Jan.). Exploring the Potential of Augmented Reality to Capture and Analyze Language Interactions among English Learners. *Second Language and Teaching (SLAT)*. Colloquium Series. University of Arizona.
- Castek, J. (2016, Dec.). *Integrating Technology into the Adult Education Classroom*. In *Learning Together: Research and Practice in Adult Education*. An afternoon of workshops and discussions between adult education teachers and literacy researchers at the Nashville Public Library.
- Castek, J. & Jacobs, G. (2016, Nov.). *Exploring digital problem solving and research approaches. A research in progress presentation*. College of Education. Univ. of Ariz.
- Castek, J. (2016, Oct.). Leveraging Digital Literacies for Digital Equity: A Call to Action. L2 Digital Literacies with AZ Computer-Assisted Language Learning Conference. University of Arizona.
- Castek, J. (2016, April). Digital Literacies for Disciplinary Learning. An invited session at the Teaching Literacy in a Digital World Conference, Virginia Commonwealth Univ.
- Coiro, J., Castek, J., & Quinn, D. (2015, July). Personal Inquiry and Online Research: Connecting Learners in Ways That Matter, Faculty member, speaker, and co-facilitator for the week-long Summer Institute in Digital Literacy. University of Rhode Island.
- Castek, J. (2015, July). Using digital literacy to support inquiry, dialogue, and collaboration. Suzhou Municipal Education Bureau's 3-Week TEFL International English Teaching Certificate Program at Portland State University. Portland, OR.
- Castek, J., Dwyer, B., Harrison, C. (2015, July). Using technology to improve reading and learning. In C. Hryniuk-Adamov and S. Lenski (Chairs) *Transforming Adolescents' Lives through Literacy*. A pre-conference institute delivered at the International Literacy Association. St. Louis, MO.
- Castek, J. (2015, April). PIAAC's Implications for Policy and Practice. Commission on Adult Basic Education (COABE). Denver, CO.
- Castek, J., Withers, E., Pendell, K., Pizzolato, A., Jacobs, G., & Reder, S. (2015, March). Exploring vulnerable adults' digital literacy acquisition. A webinar invited by the Institute for Museum and Library Services (IMLS). Online
- Castek, J. (2015, May). Leveraging research to inform better practice. Learning in Libraries: An Institute for Museum and Library Services (IMLS) Focus Conversation. Online: <https://www.imls.gov/sites/default/files/publications/documents/imlsfocuslearninginlibrariesfinalreport.pdf>

- Castek, J. (2014, December). Exploring video data analysis: Looking at methodology. Doctoral Students Innovative Community Group. Literacy Research Association (LRA). Marco Island, FL.
- Castek, J. (2014, October). Exploring and Unpacking Benchmark's Technology Integration Framework Part 1. An invited talk at Benchmark School. Media, PA.
- Castek, J. (2013, October). Implementing dynamic and interactive science instruction to meet the common core. National Science Teachers Association Conference. Portland, OR.
- Castek, J. (2013, June). Examining online reading: How is it the same, how is it different. Featured Speaker Presentation and Workshop. 32<sup>nd</sup> Annual University of Wisconsin Reading Research Symposium. Whitewater, WI.
- Castek, J. (2013, February). Using apps to support literacy and learning. An invited talk at Benchmark School. Media, PA.
- Castek, J. (2012, April). Examining reading comprehension and content learning on the Internet: New challenges and possibilities. An invited lecture at Le Moyne College. Syracuse, NY
- Castek, J. & Loper, S. (2012, April). Writing as part of an integrated science-literacy program. An invited workshop presented at San Francisco State University. San Francisco, CA.
- Castek, J. (2012, June). Teaching online reading comprehension: Strategies for evaluating online resources and new media. An interactive session presented at 33<sup>rd</sup> Annual Reading and Language Arts Conference. San Diego State University. San Diego, CA.
- Castek, J. & Gwinn, C. (2012, May). Equipping literacy leaders in today's networked world: Using the Internet to extend literacy and content learning. In R. Bean and A. Swan Dagen (Chairs). *Developing Literacy Leadership Capacity: Key to School Improvement*. International Reading Association (IRA). Chicago, IL.
- Castek, J. & Tilson, J. (2012, May). Using ipad apps to extend literacy and content learning. In J. Coiro (Chair). *Fostering literacy with research-based instructional practices and Web 2.0 technologies*. Preconference institute presented at the International Reading Association (IRA) conference. Chicago, IL
- Castek, J., Tilson, J., & Goss, M. (2011, October). *Voices from the field: What we know and what we need to know to integrate science and disciplinary literacy instruction effectively*. An invited keynote address presented at the Oregon Science Teachers Association Conference (OSTA). Coos Bay, OR.
- Tilson, J., Castek, J. & Goss, M. (2011, October). *Writing Scientific Explanations: Practical Suggestions for Success*. An invited workshop presented at the Oregon Science Teachers Association Conference (OSTA). Coos Bay, OR.

- Castek, J. (2011, Oct.) *The Common Core State Standards: An integrated view of English Language Arts and Science*. In J. Hargreaves (Chair) Breaking down the silos: Examples of integration and collaboration. An expert panel discussion. National Science Teachers Association, Hartford, CT.
- Castek, J. (2011, July). *Collaborative literacy: Using free Google tools to turn your classroom into a thriving learning community*. New Literacies Teacher Leader Institute. Raleigh, NC. Online: <http://nli2011.wikispaces.com/Collaborative+Literacy>
- Castek, J. & Grisham, D. (2011, February). *Strategies for online literacy and classroom collaboration*. East Bay Computer Users in Education Conference (EBCUE), Alameda Co. Office of Ed. Hayward, CA. Online: <http://sites.google.com/site/onlinereadingandwriting/>
- Castek, J. (2010, April). *Using the Internet to motivate student writers*. In K. Ganske (Chair) Wonder, mystery, and imagination: Fostering engagement through new and traditional literacies. International Reading Association (IRA) conference. Chicago: IL.
- Castek, J. (2010, March). *How is reading online the same as reading offline? How is it different?* A guest lecture presented at the University of California. Berkeley, CA.
- Castek, J. (2009, November). *Online reading comprehension: What is it and why is it relevant in school?* A guest lecture presented at Santa Clara University. Santa Clara, CA.
- Castek, J. (2008, May). *New literacies, new possibilities: An inside look at 4<sup>th</sup> and 5<sup>th</sup> graders online reading comprehension*. Featured Speaker session presented at the International Reading Association (IRA). Atlanta, GA.
- Castek, J., Leu, D.J., Jr., & Zawilinski, L. (2008, January). *How reading comprehension has changed while we weren't looking: Why students who need our help the most with the new literacies of online reading comprehension actually receive it the least*. Keynote address presented at the Technology, Reading and Learning Diversity (TRLD) conference. San Francisco, CA.
- Castek, J. & Zawilinski, L. (2008, January). *Instructing Students in the New Literacies of Online Reading Comprehension*. Workshop presented at the Technology, Reading, and Learning Diversity (TRLD). San Francisco, CA.
- Castek, J. (2006, December). *The changing nature of reading comprehension: Examining the acquisition of new literacies in a 7<sup>th</sup> Grade Science Classroom*. \* Thinking about thinking: Methods for studying the new literacies of online reading comprehension. National Reading Conference (NRC). Los Angeles, CA. \* Including Coiro, J., Hartman, D., Henry, L.A, Leu, D., & Zawilinski, L.

- Castek, J. & Zawilinski, L. (2006, November). *Classroom applications for Internet communication: ICTs that support reading, writing and new literacies*. What's Happening @ Your Library? Connecticut Educational Media Association Conference (CEMA). Cromwell, CT.
- New Literacies Research Team\*. (2005, December). *A methodology for studying the new literacies of online reading comprehension*. National Reading Conference (NRC). Miami, FL. \*Including: Castek, J., Coiro, J., Fogarty, E., Hartman, D., Henry, L.A. & Leu, D.J.
- Leu, D.J., Jr. and Castek, J. (2005, October). *Reading comprehension on the Internet: Preparing Somers students for the 21<sup>st</sup> century*. Somers School Board. Somers, CT.
- Leu, D.J., Jr. and Castek, J. (2005, August). *Reading comprehension on the Internet: Preparing Somers students for the 21<sup>st</sup> Century*. Back to School Talk. Somers School District. Somers, CT.
- Coiro, J. & Castek, J. (2005, May). *The Internet really is a READING issue: New literacies for new times*. A regional meeting of the Connecticut Educational Media Association. Fairfield, CT. Online: <http://www.lite.iwarp.com/cema2005.html>
- Leu, D.J., Jr., Castek, J., Coiro, J., Gort, M., Henry, L.A. & Lima, C.O. (2005, February). Developing new literacies among multilingual learners in the elementary grades. *Technology in Support of Young Second Language Learners--A colloquium hosted by the University of California, Office of the President under a grant from the William and Flora Hewlett Foundation*. Palo Alto, CA.
- Castek, J. (2004, October). Writing across time and space: New literacies and online communication. Iowa Technology and Education Connection Conference, Des Moines, IA. Online: <http://www.nevada.k12.ia.us/Castek.pdf>
- Leu, D. J., Jr., Castek, J., & Henry, L. (2004, October). Integrating literature and the new literacies of the Internet into your classroom. New England Reading Association Conference. Nashua, NH.
- Castek, J. & Lima, C. (2004, May) Electronic communication in the K-6 classroom. *Conversations about new literacies in K-12 classrooms*. State University of New York. Oneonta, NY. Online: <http://www.lite.iwarp.com/oneonta.html>
- Castek, J. & Leu, D. J. (2004, May) Using online video cases of best practice instruction in beginning reading for preservice teacher education. *Conversations about new literacies in K-12 classrooms*. State University of New York. Oneonta, NY. Online: <http://www.lite.iwarp.com/oneonta.html>
- Leu, D.J., Jr., DeAbreu, B., Castek, J., Coiro, J., Henry, L.A., & Lima, C. (2004, May). *New literacies for new times: Integrating the Internet into the K-6 and 6-12 classroom*. State University of NY. Oneonta, NY. Online: <http://www.lite.iwarp.com/oneonta.html>

## Peer-Reviewed National and International Conference Presentations

- Castek, J. (2017). **Exploring the Potentials of Digital Literacies for Disciplinary Learning**. In S. Tolbery (Chair). *Slowing Down the STEM Train: Questions, Critiques, and Reflections about the STEM Education Movement*. American Education Research Association, San Antonio, TX.
- Jacobs, G. & Castek, J. (2017). Examining digital problem solving skills in libraries to promote digital equity. A session and paper presented at the International Conference on PIAAC and PIAAC-Longitudinal Conference. Mannheim, Germany.  
<http://www.gesis.org/en/piaac/conference/>
- Castek, J. & Anderson, J. (2017). Assessing and addressing patrons' digital problem solving skills - what does digital equity look like in the library? Online Northwest Conference, Portland, OR.
- Castek, J. & Jacobs, G. (2017). *Teaching for digital equity: Examining digital problem solving in a public library*. American Education Research Association (AERA).
- Castek, J., and Dwyer, B. (2016). Integrating science, technology, engineering and math: A carbon and climate and change investigation. In J. Castek (Chair) *Digital Literacies for Disciplinary Learning*. Literacy Research Association (LRA). Nashville, TN.
- Castek, J. & Jacobs, G. (2016). *Assessing Problem Solving in Technology Rich Environments within a Public Library*. In J. Coiro (Chair). *Exploring Problem Solving and Critical Thinking in Online Environments Among Children, Adolescents, and Adults*. Literacy Research Association Conference (LRA). Nashville, TN.
- Beach, R., Castek, J. & Scott, J. (2016). Acquiring processes for responding to and creating multimodal digital productions. In K. Hinchman (Chair). *Can Practice-Based Adolescent Literacies Research Mobilize Social Transformation?* Literacy Research Association Conference (LRA). Nashville, TN.
- Wiseman, A., Pytash, K., Castek, J., Jacobs, G., Boggs, G. & Sauban, T. (2016). Literacy and Empowerment in Pre-Carcerated, Incarcerated, and Reentry Settings. Literacy Research Association Conference (LRA). Nashville, TN.
- Castek, J. (2016). Digital literacy education within the Orleans Parish Prison reentry process. American Association of Criminology Conference. New Orleans, LA.
- Salisbury, E. & Castek, J. (2016). PIAAC data: Exploring the literacy, numeracy, and digital problem solving skills of the U.S. prison population. American Association of Criminology Conference. New Orleans, LA.



- Castek, J. (2016). Digital literacy acquisition among underserved populations. In G. Peterson (Chair) Online Learning, Face-to-Face. American Library Association (ALA) conference. Orlando, FL.
- Castek, J. (2016). Exploring university and community partnerships. In S. Toro (Chair). Lessons from IMLS Funded Communities of Practice. American Library Association (ALA) conference. Orlando, FL.
- Gibbon, C. & Castek, J. (2016). *Digging deeper: can patrons use our resources, and are basic digital literacy classes enough?* A session organized by the Public Library Association (PLA) at the American Library Association (ALA) conference. Orlando, FL.
- Castek, J. (2016). *Exploring digital problem solving in libraries: Using the PSTRE in collaboration with libraries.* Presented at the PIAAC research training event in conjunction with the American Education Research Association (AERA) Conference. Washington, D.C.
- Castek, J. & Honisett, A. (2016). *Exploring how problem solving in technology-rich environments can be used to design responsive programming.* A session presented in the PIAAC research strand at the Commission on Adult Basic Education (COABE) Conference. Dallas, TX.
- Castek, J., Beach, R., & Scott, J. (2015). Integrating technology with writing instruction. In R. Anderson (Chair). Encouraging digital writing equity in pre-K-12 classrooms: Current practices and future directions. A symposium at the Literacy Research Association Conference. Carlsbad, CA.
- Beach, R. & Castek, J. (2015). Use of apps and devices for fostering mobile learning of literacy practices. In B. Guzzetti (Chair) New literacies, equity, imagination and research: How have new digital media/literacies impacted education, society and the economy? A symposium at the Literacy Research Association Conference. Carlsbad, CA.
- Sekeres, D. & Castek, J. (2015). Reasoning, negotiation, and digital affordances: Exploring young students' collaborative online writing during an inquiry task. In J. Castek (chair). Exploring the Online Literacy Practices of Young Children: Laying the Groundwork for Responsive Instructional Strategies. A symposium at the Literacy Research Association Conference. Carlsbad, CA.
- Beach, R., Scott, J., and Castek, J. (2015). Use of Digital Tools Mediating Shared Experiences in Virtual Literacy Events. In R. Beach (Chair) The Meaning and Methods of Studying Literacy Events. A symposium at the Literacy Research Association Conference. Carlsbad, CA.
- Jacobs, G., Withers, E., and Castek, J. (2015). Exploring digital literacy acquisition in a re-entry program. In W. I. O'Byrne (chair) Digital frontiers: Research on literacy and technology. A symposium at the Literacy Research Association Conference. Carlsbad, CA.

- Castek, J., Gibbon, C., and Reder, S. (2015). Why digital problem solving matters: A closer look at how *Education and Skills Online* can be used to inform educational outreach efforts. ProLiteracy Conference Charleston, SC.
- Castek, J., (2015). Exploring the Role of Tutor-Support in Digital Literacy Acquisition: Helping Diverse Adult Learners Succeed. ProLiteracy Conference, Charleston, SC.
- Castek, J., Honisett, A., & Pizzolato, A. (April, 2015). *Using PIAAC's Education and Skills Online to examine adults' skills locally*. A session presented in the PIAAC research strand at the Commission on Adult Basic Education (COABE) Conference. Denver, CO.
- Castek, J., Jacobs, G., Pizzolato, A., Withers, E., and Pendell, K. (2015). Exploring a self-paced tutor facilitated approach to digital literacy learning. Adult Education Summer Institute. Indianapolis, IN.
- Castek, J., Jacobs, G., Pizzolato, A., Withers, E., and Pendell, K. (2015). Supporting adults' digital literacy skills: Exploring a self-paced tutor facilitated approach. California Council on Adult Education. Universal City, CA.
- Jacobs, G., Hill, L., Pizzolato, A., Castek, J. & Harris, K. (2015). Creating onramps to support adult learners' health literacy. Commission on Adult Basic Education (COABE). Denver.
- Pizzolato, A., Castek, J. & Jacobs, G. (2015). Moving beyond a cohort model: Exploring self access, tutor-facilitated digital literacy acquisition. Commission on Adult Basic Education (COABE). Denver, CO.
- Castek, J., Honisett, A., Pizzolato, A., Reder, S. (2015). Using PIAAC's Education and Skills Online to examine adults' skills locally. Commission on Adult Basic Education (COABE). Denver, CO.
- Jacobs, G., Castek, J., Pizzolato, A., Withers, E., Pendell, K., Reder, S. (2015, April). The role of a self-paced, tutor-facilitated online learning environment in digital literacy acquisition and English language development among adult Spanish speakers. International Linguistics Association Conference (ILA). New York, New York.
- Pendell, K., Pizzolato, A., Withers, E., Castek, J., Jacobs, G., Reder, S. (2015). *Developing Digital Literacy: A Flexible Model Designed to Meet Learners' Needs*. Oregon Library Association Conference, Eugene, OR.
- Pendell, K., Withers, E., Castek, J. Pizzolato, D., Jacobs, G., & Reder, S. (2015). Fear to fascination: Learner confidence and blended instruction for digital literacy acquisition. Paper presented at Technology, Knowledge, and Society Conference, Berkeley, CA.
- Withers, E., Castek, J., Fountain, B., Pendell, K., Pizzolato, A., Jacobs, G., & Reder, S. (2015). Operationalizing success in a digital learning environment designed to support vulnerable adults. American Education Research Association (AERA). Chicago, IL. (recipient of the exemplary paper award in the Adult Literacy and Education Special Interest Group).

- Pendell, K., Withers, E., Castek, J. Pizzolato, D., Jacobs, G., & Reder, S. (2015). Fear to Fascination: Learner Confidence and Blended Instruction for Digital Literacy Acquisition. Technology, Knowledge, and Society Conference, Berkeley, CA.
- Castek, J. Coiro, J. & Guzniczak, L. (2014). Approaches to Video Data Analysis in Literacy Research Study Group. Literacy Research Association. Marco Island, FL.
- Castek, J., Beach, R., Scott, J. (2014). Tracing the use of apps for making meaning in the science classroom. Symposium delivered at the Literacy Research Association. Marco Island, FL.
- Coiro, J. Carver-Sekeres, D., Castek, J., and Guzniczak, L. (2014). Wondering, web reading, and writing: Examining 3rd, 4th, and 5th graders' collaborative online inquiries into eco friendly toys. Symposium delivered at the Literacy Research Association. Marco Island, FL.
- Castek, J., Jacobs, G., Pendell, K., Pizzolato, D., Reder, S., & Withers, E. (2014). Encouraging full digital inclusion for vulnerable adult learners: Exploring tutor-facilitated learning. Pre-conference session at the Communication and "The Good Life" around the World after Two Decades of the Digital Divide. International Communication Association, Seattle, WA.
- Castek, J., Dwyer, B. & Harrison, C. (2014). Transforming your literacy practice using Internet tools and resources: Meeting students' instructional needs while addressing the CCSS. A workshop presented at the International Reading Association Conference. New Orleans, LA.
- Castek, J., Jacobs, G., Reder, S., Pizzolato, D., Withers, E., & Pendell, K. (2014). How do adults acquire digital literacy skills? Exploring tutor-facilitated learning and teaching within community-based organizations. American Education Research Association (AERA). Philadelphia, PA.
- Coiro, J., Castek, J., Sekeres, D., and Guzniczak, L. (2014). Problem solving with digital texts: Online reading with elementary school students. American Education Research Association (AERA). Philadelphia, PA.
- Castek, J., Beach, R., Cotanch, H., Scott, J. (2014). Examining middle school students' use of web-based annotations to engage in scientific argumentation. American Education Research Association (AERA). Philadelphia, PA.
- Castek, J., Withers, E., Pendell, E., Pizzolato, D., Jacobs, G. & Reder, S. (2014). Conquering the Computer: Digital literacy acquisition among vulnerable adult learners. American Association of Applied Linguistics (AAAL). Portland, OR.

- Hayden, L. & Castek, J. (2014). Expanding opportunities for digital literacy learning in correction settings. Presented at the Commission on Adult Basic Education (COABE). Pittsburgh, PA.
- Coiro, J., Sekeres, D., Guzniczak, L., & Castek, J. (2013). Examining elementary students collaborative online inquiry: Reflections on design considerations and findings. Presented at the Literacy Research Association Conference. Dallas, TX.
- Coiro, J., Castek, J., & Guzniczak, L. (2013). Approaches to Video/Multimodal Data Analysis in Literacy Research. A four-day study group at the Literacy Research Association Conference. Dallas, TX.
- Reder, S., Castek, J., Withers, E., Pizzolato, D. & Pendell, E. (2013). Tutor-facilitated digital literacy acquisition: Helping diverse adult learners bridge the digital divide. U.S. Conference on Adult Literacy (USCAL). Washington, D.C.
- Cotanch, H. & Castek, J. (2013). Exploring content creation on the iPad to enhance learning and participatory experiences. A three-hour workshop presented at the International Reading Association Conference (IRA). San Antonio, TX.
- Castek, J. & Beach, R. (2013). Examining the affordances of digital tools: Middle-school students' uses of iPad annotation apps to engage in collaborative science inquiry. Paper presented at the American Education Research Association (AERA). San Francisco, CA.
- Reder, S., Castek, J., Withers, E. (2013). Tutor-facilitated digital literacy acquisition: An overview. Presented at the Commission on Adult Basic Education (COABE). New Orleans, LA.
- Coiro, J., Castek, J., & Guzniczak, L. (2012). Approaches to Video/Multimodal Data Analysis in Literacy Research Details for Conference Program. A four-day study group at the Literacy Research Association Conference. San Diego, CA.
- Castek, J., Shafer, E., & Tilson, J. (2012). Using reading, talk, and writing to support scientific understanding: Dynamic and interactive strategies for helping your students meet the Common Core State Standards. A three-hour workshop presented at the International Reading Association Conference (IRA). Chicago, IL.
- Coiro, J. & Castek, J. (2012). Assessment frameworks for teaching and learning English language arts in a digital age. A paper presented in D. Lapp & D. Fisher (Eds.) *How Can Research in Language Arts Change Your Instruction: Discussing Key Ideas Presented in The Handbook of Research on Teaching the English Language Arts, Vol. 3*. International Reading Association Conference (IRA). Chicago, IL.
- Castek, J. (2012). Examining 4th and 5th graders critical evaluation of web content. A paper to be presented at the American Education Research Association (AERA). British Columbia, Canada. Sig – Research in Reading and Literacy.

- Coiro, J., Castek, J., Guzniczak, L. & Bradshaw, C. (2011). Understanding functional and dialogic interactions among dyads of seventh graders as they read for information on the Internet. In J. Castek (Chair). *Exploring cognitive and social aspects of online reading comprehension across multiple ages of learners*. LRA, Jacksonville, FL.
- Coiro, J., Castek, J., & Guzniczak, L. (2011). Approaches to video data analysis: Discussing new methods and directions for reading research. A four-day study group at the Literacy Research Association Conference. Jacksonville, FL.
- Castek, J. & Barber, J. (2011). 33 ways to integrate science and literacy. A workshop presented at the National Science Teachers Association (NSTA). Hartford, CT.
- Barber, J. & Castek, J. (2011). The four “its” of science. A workshop presented at the National Science Teachers Association (NSTA). Hartford, CT.
- Coiro, J., Castek, J., & Guzniczak, L. (2011). Uncovering online reading comprehension processes of two students reading individually and collaboratively on the Internet. A poster presented at the 21st Annual Meeting of the Society for Text and Discourse. Poitiers, France.
- Pearson, P.D., Tilson, J., & Castek, J. (2011). The role of science vocabulary in supporting students’ academic language development. In J. Castek, J. Tilson, M. Goss, & P. D. Pearson, (Chairs). *Literacy and science: Exploring connections that promote engaged learning*. International Reading Association (IRA) Pre-conference Institute. Orlando, FL.
- Athans, S. & Castek, J. (2011). Downright delightful differentiation: Engaging all students using read-along guides, literacy bins, technology, and other high-impact, creative resources in your guided reading instruction. International Reading Association (IRA). Orlando, FL.
- Tilson, J. & Castek, J. (2011). Seeds of Science/Roots of Reading: Supporting literacy development through integrated instruction. International Reading Association (IRA). Orlando, FL.
- Castek, J., Coiro, J. & Guzniczak, L. (2011, May). Uncovering online reading comprehension processes: Two adolescents reading independently and collaboratively on the Internet. International Reading Association (IRA). Orlando, FL.
- Castek, J. (2011). Instructional strategies for critically evaluating online information. In D. Wolsey (Chair). *Expanding ways of knowing: Visual literacy and web 2.0 collaboration*. A symposium presented at the Society for Information Technology & Teacher Education International Conference (SITE). Nashville, TN.

- Coiro, J., Guzniczak, L., & Castek, J. (2010). Exploring comprehension processes and dialogic interactions among three dyads of adolescents reading online to solve information problems. In J. McEaney (Chair) *Reading for information in online text*. Literacy Research Association (LRA). Ft. Worth, TX.
- Dwyer, B. & Castek, J. (2010). Exploring instructional activities, pedagogies, and scaffolds that aided the development of online literacies in Ireland and the U.S. In B. Dalton (Chair) *Point, counter-point, and hyper-point: Exploring digital literacies pedagogies and practices in British, Irish, and U.S. classrooms*. Literacy Research Association (LRA). Ft. Worth, TX.
- Castek, J., & Coiro, J. (2010). Measuring online reading comprehension in open networked spaces: Challenges, concerns, and choices. In S. Sullivan (Chair) *Finding common ground: Documenting and analyzing student learning with hypertext, multimedia, and hypermedia*. American Education Research Association (AERA). Denver, CO.
- Castek, J. & Mangleson, J. (2010). Enhancing literature study and reader response using Google lit trips and eZines. In J. Castek (Chair). *Making the most of new technologies to enhance reading, writing, and literature study*. International Reading Association Conference (IRA). Chicago, IL.
- Goss, M., Tilson, J., & Castek, J. (2010). Practical ways to use science as a context for improving student writing. International Reading Association Conference (IRA). Chicago, IL.
- Pearson, P. D., & Castek, J. (2010). Seeds of Science/Roots of Reading: 81 new and engaging science books. International Reading Association Conference (IRA). Chicago, IL.
- Castek, J. (2009). Using the Internet to promote inquiry-based learning: What scaffolds are needed? In B. Dalton (Chair) *Multiple paths to powerful teaching: Using the Internet to improve literacy and learning outcomes for diverse students*. National Reading Conference (NRC). Albuquerque, NM.
- Coiro, J., Castek, J. & Guzniczak, L. (2009). Exploring the nature of dialogue among adolescents who participate in online inquiry tasks. In L. Guzniczak (Chair) *Using Video Analysis to Explore Online Reading and Learning Experiences*. An alternative symposium presented at the National Reading Conference (NRC). Albuquerque, NM.

- Henry, L.A., Castek, J., O'Byrne, I., & Zawilinski, L. (2009). Using peer collaboration to support online reading, writing, and communication: An empowerment model for struggling readers. In S. Piazza (Chair). *Instructional Paths Less traveled in support of struggling readers*. An alternative symposium presented at the National Reading Conference (NRC). Albuquerque, NM.
- Tilson, J., Goss, M., & Castek, J. (2009). Exploring the influence of science writing instruction on fourth graders' writing development. A paper presented at the National Reading Conference (NRC). Albuquerque, NM.
- Castek, J. (2009). How are the new literacies of online reading comprehension acquired by 4th and 5th grade students? *Engagement, Literature, and New Literacies Research Poster Session*. International Reading Association Conference (IRA). Minneapolis, MN.
- Castek, J., Coiro, J., & Zawilinski, L. (2009). Collect, compile and collaborate: Supporting online research and synthesis. *Pre-conference Institute Workshop*. International Reading Association Conference (IRA). Minneapolis, MN.
- Castek, J. (2009). Literacy learning with laptops: Examining 4th and 5th graders new literacies acquisition and content knowledge. *Gender, media, and technology: Pushing the boundaries in literacy and the profession of teaching*. A symposium presented at the American Education Research Association (AERA). San Diego, CA.
- Castek, J. (2009). Taking Discourse Online: Interactive Discussion Strategies that Promote Scientific Understanding. In G. Cervetti (Chair) *Using Content-area Learning as a Context for Engaging Students in Rich Academic Discussions*. International Reading Association (IRA). Phoenix, AZ.
- Cervetti, G., Tilson, J., Castek, J. Goss, M., Jaynes, C., & Bravo, M. (2008). Examining multiple dimensions of word knowledge for content vocabulary understanding. National Reading Conference (NRC). Orlando, FL.
- Burg, J. & Castek, J. (2008). Google lit trips: Make a world of difference in your classroom. National Council of Teachers of English (NCTE). San Antonio, TX.
- Castek, J. (2008). Engaging all learners in the new literacies of online reading comprehension: Putting into practice what works. International Reading Association (IRA). Atlanta, GA.
- Coiro, J., Castek, J., Henry, L.A., & Malloy, J. (2007). A closer look at measures of online reading achievement and school engagement with seventh graders in economically challenged school districts. In D. Reinking (Chair) *Teaching Internet comprehension to adolescents who are at risk to become dropouts*. National Reading Conference (NRC). Austin, TX.

- Reinking, D. & Castek, J. (2007). Developing Internet comprehension strategies among adolescent students at risk to become dropouts: A three-year IES research grant. In D. Reinking (Chair) *The TICA project: Teaching Internet comprehension to adolescents who are at risk to become dropouts*. National Reading Conference (NRC). Austin, TX.
- Castek, J. & Nierlich, T. (2007). Making learning interactive: Reading, writing, and collaborating, in s'cool with today's Internet technologies. Pre-conference Institute. International Reading Association (IRA). Toronto, Ontario Canada.
- Castek, J. & Mangleson, J. (2007). Thinking outside the book: Introducing the new literacies of the Internet through children's literature. Int. Reading Association (IRA). Toronto, Ontario CA.
- New Literacies Research Team\* (2007). Evaluating the development of scientific knowledge and new forms of reading comprehension during online learning. In T. Clark (Chair) *Online Teaching and Learning: Findings from Applied Educational Research*. A Symposium presented at the American Education Research Association (AERA). Chicago, IL. \*Including: Castek, J., Coiro, J., Hartman, D., Henry, L.A., Kulikowich, J., Leu, D.J., & Lyver, S. at the University of Connecticut
- New Literacies Research Team\* & Internet Reading Research Group† (2007). Defining online reading comprehension: Using think-aloud verbal protocols to refine a preliminary model of Internet reading comprehension processes. In D. Alvermann (Chair) *21<sup>st</sup> Century Literacy: What is it, How do students get it, and how do we know if they have it?* A Symposium presented at American Education Research Association. Chicago, IL. \*Including: Castek, J., Coiro, J., Henry, L.A., & Leu, D.J. at the University of Connecticut. †Including: Carter, A., Malloy, J., Reinking, D., Rogers, A., Robins, K., & Witte, J. at Clemson University. Online: [http://docs.google.com/Doc?id=dcbjhrtq\\_10djqrhz](http://docs.google.com/Doc?id=dcbjhrtq_10djqrhz)
- Castek, J. (2006). Internet reciprocal teaching: An examination of instructional strategies that foster strategic online reading comprehension. In C. Harrison (Chair) *Extending reciprocal teaching and concept oriented reading instruction to support struggling readers' reading, viewing, and learning in multimedia digital environments*. An alternative symposium session presented at the National Reading Conference (NRC). Los Angeles, CA.
- Castek, J. & Reinking, D. (2006). Working with teachers in a formative experiment. In D.J. Leu, Jr. (Chair) *Studying the new literacies of online reading comprehension among adolescents at risk to become dropouts*. An alternative symposium session presented at the National Reading Conference, Los Angeles, CA. Online: <http://www.newliteracies.uconn.edu/iesproject/events.html>



- Castek, J., Leu, D.J., Coiro, J., Hartman, D., & Henry, L.A. (2006). *The changing nature of online reading comprehension: Examining effects of Internet reciprocal teaching on adolescents' acquisition of new literacies and content knowledge in science*. Research paper and poster presented at the 51st annual International Reading Association Conference. Chicago, IL.
- Castek, J. (2006). What is Internet reciprocal teaching and how do we implement it? In D. Reinking (Chair) *Engaging All Students in the New Literacies of Online Reading Comprehension: What Do We Know? What Should We Teach? How Should We Teach?* Symposium presented International Reading Association Conference. Chicago, IL.
- Castek, J. (2006). Adapting reciprocal teaching to the Internet using telecollaborative projects. In D.J. Leu, Jr. (Chair) *Developing Internet Reading Comprehension Strategies Among Adolescents At Risk to Become Dropouts*. A structured poster session presented the American Education Research Association (AERA). San Francisco, CA.
- Castek, J. & Gort, M. (2006). *Developing new literacies among multicultural learners in K-12: Globalized principles and classroom applications*. National Council of Teachers of English Assembly for Research (NCTE-AR) Mid-Winter Conference. Chicago, IL.
- Castek, J. (2005). Internet reciprocal teaching: Connecting print and new literacies in a science inquiry project. In B. Dalton (Chair) *Scaffolding readers on the web: Customizing comprehension and assessment experiences for diverse learners*. An alternative symposium session presented at the National Reading Conference (NRC). Miami, FL.
- Castek, J. (2005). ICT use in collaborative projects: An exploration of online communication in 7th grade science. In E. Fogarty (Chair) *New literacies in action: Exploring content area reading comprehension and online communication with middle school students*. A symposium presented at the College Reading Association (CRA). Savannah, GA.
- Leu, D.J., Castek, J. & Lyver, S. (2005). Examining new forms of reading comprehension during online learning. In R. Blomeyer (Chair). *A synthesis of new research on K-12 online learning*. Presented at the North American Council of Online Learning Conference (NACOL). Denver, CO.
- Castek, J. & Langham, K. (2005). *Enhancing Internet comprehension using reciprocal teaching*. Presented at the International Reading Association Conference (IRA), San Antonio, TX. Online: <http://ctell1.uconn.edu/IRA/InternetRT.htm>
- Holcomb, L., Johnson, P., Castek, J., Henry, L.A., Leu, D.J. (2005). *Exploring educational uses of classroom websites: An examination design principles and learning aims*. American Educational Research Association (AERA). Montreal,

Johnson, P., Holcomb, L., Castek, J., & Henry, L.A. (2005). *Conquering new territories: Examining classroom websites*. Presented at the Literacy and Technology pre-conference institute. International Reading Association (IRA). San Antonio, TX.

Castek, J. (2005). *Connecting classrooms through e-mail and blogs*. Pre-conference Institute, International Reading Association (IRA). San Antonio, TX.

Castek, J. (2004). Exploring Internet meta-language: An examination of 7<sup>th</sup> grade students' new literacies in action. In D. Johnson (Chair) *Bridging instruction in literacy and technology: Applications for new literacies in instructional settings*. Symposium presented at the National Reading Conference (NRC). San Antonio, TX.

Castek, J. & Johnson, P. (2004). Internet research: Examining the ethical issues of conducting studies on, in, and about digital environments. In Brown, S. (Chair) *Research ethics: What we knew and what we didn't*. Symposium presented at Northeastern Educational Research Association (NERA) Conference. Kerhonkson, NY.

Castek, J. (2004). Exploring the role of meta-language on the acquisition of new literacies. In S. Lohnes (Chair) *Examining the confluence of literacy practices and new technologies*. Symposium presented at the first annual conference on Research in Technology and Education at Teachers College, Columbia University. New York, NY.

Coiro, J., Castek, J., Henry, L., Leu, D.J., Jr., Kaufman, D., Farr, W. (2004). *The effectiveness of web-based video cases: Differential acquisition of research-based principles by pre-service teachers*. American Educational Research Association Conference (AERA). San Diego, CA.

### **Regional Conference Presentations**

Castek, J. & Grisham, D. (2011, November). *Literacy Beat: A Vocabulary Blog for Teachers*. California Reading Association (CRA). Vacaville, CA.

Kretschmar, L. & Castek, J. (2011, November). *Using Google Tools and Glogs: A Climate Change Design Challenge*. California Reading Association (CRA). Vacaville, CA.

Castek, J. (2008, November). *Innovative ideas linking literature and the Internet*. California Reading Association Conference (CRA). Sacramento, CA.

Castek, J. & Nierlich, T. (2007, February). *Spice up Language Arts*. East Bay Computer Users in Education Cool Tools for Learning Conference, Alameda Co. Office of Education. Hayward, CA.

- Castek, J. & Lentini, A. (2006, November). *Bringing books alive: Five easy ways to enhance children's literature using the Internet*. CA Reading Association Conference (CRA). Sacramento, CA.
- Castek, J. (2006, June). *Internet Reciprocal Teaching: Interacting with online texts to enhance reading comprehension*. New Literacies Summer Institute. Storrs, CT.
- Castek, J. & Henry, L. A. (2005, October). *Preventing plagiarism with the Internet*. Connecticut Council for Teachers of English (CCTE). Storrs, CT.
- Castek, J. (2004, November). *Internet applications for writing: Composing, communicating, and publishing in online contexts*. Connecticut Reading Association Conference (CRA). Cromwell, CT.
- Leu, D.J., Coiro, J., Castek, J., & Henry, L.A. (June, 2004). *New literacies for new times: Preparing all students in CT for the 21st century*. Connecticut Technology Conference. Westbrook, CT.
- Castek, J. (2004, June). *Internet applications for writing and communication*. Connecticut Statewide Technology Conference. Westbrook, CT.
- Castek, J., Curley, J., Erickson, J., Romano, C., & Kim, B. (2011, September). Orientation to Earth and Space Science: Using the iPad to deliver integrated Science and Literacy Instruction. Lawrence Hall of Science, University of California, Berkeley, CA.
- Loper, S. & Castek, J. (2011, September). Orientation to Earth and Space Science. Using the iPad to deliver integrated Science & Literacy Instruction. Carson City School District. Carson City, NV.
- Castek, J. (2011, July). Collaborative Literacy: Using free Google tools to turn your classroom into a thriving learning community. A week long institute sponsored by the Friday Institute for Educational Innovation at North Carolina State University, Raleigh, NC.
- Castek, J. (2011, July). Writing in elementary grade science. Lawrence Hall of Science, University of California, Berkeley, CA.
- Wierman, T. & Castek, J. (2010, August). Implementing the Seeds of Science/Roots of Reading Unit *Planets and Moons*. Fresno Unified School District & Fresno County Office of Education.
- Brown, K. & Castek, J. (2010, August). Implementing the Seeds of Science/Roots of Reading Unit *Soil Habitats*. Fresno Unified School District & Fresno County Office of Education.

Tilson, J. & Castek, J. (2010, July). *The Seeds of Science/Roots of Reading Approach to Writing in Science*. Lawrence Hall of Science, University of California, Berkeley, CA.

### **Professional Development Presentations**

Leu, D.J., Spires, H., Coiro, J., Lee, J., Young, C. & Castek, J. (2010, June). *New literacies teacher leader institute*. A weeklong institute sponsored by the Massachusetts Department of Elementary and Secondary Education. Microsoft Center Cambridge, MA. Online: <http://newlitinstitute2010.wikispaces.com/>

Castek, J. & Goss, M. (2009, July). *Writing in the science classroom*. In T. Wierman (Chair). *A three day workshop introducing the Seeds of Science/Roots of Reading instructional approach*. Berkeley, CA.

Spires, H., Lee, J., Young, C., Leu, D.J., Coiro, J., & Castek, J. (2009, July). *New literacies teacher leader institute*. A week long institute co-sponsored by the Friday Institute for Educational Innovation at North Carolina State University and the New Literacies Research Lab at the University of Connecticut. Online: <http://newlitinstitute.wikispaces.com/>

Castek, J. & Zawilinski, L. (2009, June). *New Literacies and New Possibilities: Creating Contexts for Online Reading, Writing, and Collaboration*. Fifth Annual Reading Institute. Jamestown, NY.

Castek, J. & Zawilinski, L. (2006, April). *The changing nature of literacy in an information age: An examination of new literacies in action*. Simsbury School District. Simsbury, CT.

Castek, J. & Zawilinski, L. (2006, April). *Strategies for addressing the new literacies of the Internet in grades K-6*. Simsbury School District. Simsbury, CT.

Coiro, J. & Castek, J. (2005, November). *Reading, research, and the new literacies of the Internet*. Wilton School District. Wilton, CT. Online: <http://www.lite.iwarp.com/wilton2005A.htm>

Castek, J. (2005, October). *Incorporating Technology Across the Curriculum: Critical Evaluation, Search Strategies, and the New Literacies of the Internet (Grades 5-10)*. Newtown School District. Newtown, CT.

Coiro, J., Castek, J., & McMullan, M. (2005, March). *Critical thinking and reading comprehension in grades 9-12*. Regional School District 10. Harwinton, CT. <http://www.lite.iwarp.com/reg102004.htm>

Coiro, J., Leu, D. J. Jr., & Castek, J. (2005, January). *New literacies, reading comprehension and higher level thinking across the middle school curriculum*. Sage Park School, Windsor, CT.

- Coiro, J., Castek, J., & Henry, L. A. (2004, December). *Effective instructional models for Internet integration the secondary curriculum*. New London High School, CT.
- Castek, J., Coiro, J., Henry, L. & McMullan, M. (October, 2004). *Extending the literature curriculum with new literacies of the Internet*. Professional development session for K-5 elementary school teachers. Regional School District 10. Harwinton, CT. Online: <http://www.lite.iwarp.com/reg102004.htm>
- Coiro, J. & Castek, J. (2004, August). *Literature based Internet activities for reading and writing*. Pine Grove Elementary School. Avon, CT. Online: <http://www.lite.iwarp.com/avon2004a.html>
- Castek, J. & Coiro, J. (2004, March). *Integrating New Literacies into LA, Science, and Math Grades 5-8 & K-4*. Bozrah School District. Fields Memorial School. Bozrah, CT. Online: <http://ctell1.uconn.edu/bozrah/home.html>

### **Honors**

- Exemplary Paper Award, *Operationalizing success in a digital learning environment designed to support vulnerable adults*. Adult Literacy and Education Special Interest Group of the American Education Research Association (AERA).
- Area 3 Session Chair Award, National Reading Conference (NRC), Albuquerque, NM.
- Neag School of Education Scholarship and Leadership Award (2008 Fall, 2008 Spring)
- University of Connecticut Extraordinary Expense Award (2007)
- Neag School of Education Alumni Association Scholarship (2006)
- Text Project Scholarship to attend the University of California Summer Institute in Reading, *Developing Tomorrow's Thinkers: Comprehension and Beyond* (2006)
- Elected into the National Conference on Research in Language and Literacy NCRL (2005)
- California State University, East Bay, Distinguished Alumni Award (2001)

### **Fellowships**

- University of Connecticut Doctoral Dissertation Fellowship Award (2007)
- Neag School of Education, New Literacies Research Fellow (2004-2007)

### **Work History**

#### **UNIVERSITY OF ARIZONA**

*Associate Professor, Teaching Learning and Sociocultural Studies*

*Affiliate Faculty Second Language and Teaching (SLAT) interdisciplinary Ph.D. Program (7/2016-present)*

## **PORTLAND STATE UNIVERSITY**

*Research Assistant Professor*

(8/2012-7/2016)

The Literacy, Language, and Technology Research Group (LLTR) is multidisciplinary group of faculty, staff, students, and partners who share a commitment to building literacy and language pathways to social and economic justice for economically vulnerable and socially excluded populations. LLTR conducts a wide range of externally funded grant projects centered on the acquisition of literacy, digital literacy, and additional languages among adults.

## **UNIVERSITY OF CALIFORNIA, BERKELEY**

*Post-doctoral Scholar*

(8/2011-8/2012)

Barber, J., Loper, S., Tilson, J. (2011-2013). *Using iPads to Support Middle School Students' Science and Literacy Development*. Wireless Generation. \$4 million.

This design and development project examines the affordances of digital technologies such as reading supports, simulations, animations, and a digital publishing environment, to enhance middle school students' science and literacy learning within a 1-to-1 computing environment.

## **UNIVERSITY OF CALIFORNIA, BERKELEY**

*Post-doctoral Scholar*

(1/2010-7/2011)

Barber, J., Loper, S., Corrigan, S., Goss, M., & Castek, J. (2009-2011). *Promoting Equitable and Accessible Science Instruction: Extending the Seeds of Science/Roots of Reading Curriculum to Middle School*. Bill and Melinda Gates Foundation. \$3.2 million.

This curriculum and research project uses inquiry-based science as a context for literacy instruction focused on informational text comprehension. The curriculum is aligned with the Common Core State Standards for English Language Arts and is customizable based on students' needs as determined by specialized diagnostic assessment tools. The responsive digital curriculum modules are accessed through a specially designed iPad app.

## **UNIVERSITY OF CALIFORNIA, BERKELEY**

*Post-doctoral Scholar*

(7/2008-4/2010)

Bravo, M., Barber, J., Cervetti, G., & Kulikowich, J. (2008-2011). *The Role of Educative Curriculum Materials in Supporting Science Teaching Practices with English Language Learners*. National Science Foundation (NSF).

This research effort examines the extent to which integrated science and literacy curriculum materials positively impact teacher knowledge and instructional practices for English Language Learners in grades 4 and 5.

**UNIVERSITY OF CALIFORNIA, BERKELEY**

*Post-doctoral Scholar*

7/2007-2011

Pearson, P.D., & Barber, J. (2003-2006 & 2006-2009). *Seeds of Science Roots of Reading Integrated Science and Literacy Instruction*. National Science Foundation (NSF).

*Seeds of Science/Roots of Reading* is a research and development project focused on building a research-based foundational model of science-literacy integration. The frameworks from this work have been developed for grades 2-5.

**UNIVERSITY OF CONNECTICUT**

*Graduate Researcher, Teaching Internet Reading Comprehension (TICA)*

9/2005-7/2007

Leu, Donald J. & Reinking, D. (2005-2008). *Developing Internet Comprehension Strategies Among Adolescent Students At Risk to Become Dropouts (TICA)*. Institute for Educational Sciences (IES). U. S. Department of Education.

TICA studied online reading comprehension among low-SES adolescents in high-priority school districts. Over the course of the grant, a survey of adolescents' literacy practices was collected and analyzed. Students who were highly skilled Internet users participated in think aloud protocols. An adapted Reciprocal Teaching instructional model was then developed through the implementation of formative experiments undertaken in cooperation with middle school teachers.

**UNIVERSITY OF CONNECTICUT**

*Project Director, Online Reading Comprehension in Science (ORCS) Project*

12/2004-7/2005

The New Literacies Research Team at the University of Connecticut. (2005-2006). *Evaluating the Development of Scientific Knowledge and New Forms of Reading Comprehension During Online Reading*. Learning Point Associates.

The Online Reading Comprehension in Science (ORCS) project was designed to examine Internet integration in Science education. This study examined the effects of varying intensity levels of Internet integration in four 7th grade science classrooms. A research-based adaptation of Reciprocal Teaching was implemented to support students in acquiring the higher-level comprehension skills the Internet demands. Learning outcomes from assessments of content knowledge and online reading comprehension proficiency were examined.

**UNIVERSITY OF CONNECTICUT**

*Graduate Researcher, Case Technologies for Literacy Learning (CTELL)*

8/2003-12/2004

Leu, Donald J., Kinzer, C, Labbo, L., Teale, W. (2002-2005). *Best Practices in Teacher Preparation-Technology: Connections that Enhance Children's Literacy Acquisition & Reading Achievement (CTELL)*. National Science Foundation (NSF)

The CTELL project targeted improvements in teacher education and K-3 literacy achievement through the use of case-based, anchored instruction. This project aimed to: (a) raise pre-service teachers' understanding of best practices of early literacy education; (b) increase pre-service teachers' use of best practices; and (c) significantly raise young children's reading achievement. A secondary outcome focused on how the CTELL cases were used in the literacy courses.

### **Previous University Teaching Experience**

#### **CALIFORNIA STATE UNIVERSITY, EAST BAY**

6/2006-8/2006

*Instructor, Teacher Education Program*

Course Taught: Content Area Literacy for Secondary School Teachers

#### **UNIVERSITY OF CONNECTICUT**

8/2003-12/2003; 8/2004-12/2004

*Instructor, Department of Curriculum and Instruction (EDCI)*

Course Taught: Reading and Writing in the Elementary School

#### **UNIVERSITY OF CONNECTICUT**

1/2004-5/2004

*Student Teacher Supervisor, Integrated Bachelors Masters Program*

Responsibilities: Evaluated the performance of student teachers including lesson development and implementation.

#### **CALIFORNIA STATE UNIVERSITY, EAST BAY**

9/2001 -12/2001; 1/2002 -3/2002; 3/2002 - 5/2002

*Instructor, Teacher Education Program*

Courses Taught: C & I: Language Arts in the Elementary School

C & I: Reading in the Elementary School (A)

C & I: Reading in the Elementary School (B)

#### **CALIFORNIA STATE UNIVERSITY, EAST BAY**

4/2000 - 6/2000; 4/2001 - 6/2001

*Instructor, Masters in Reading Education Program*

Course Taught: Nature and Theory of the Reading Process

#### **CALIFORNIA STATE UNIVERSITY, EAST BAY**

6/1998 – 8/1998

*Graduate Teaching Assistant, Masters in Reading Education Program*

Advanced Clinical Experiences for Students with Literacy Difficulties

Clinical Seminar: Intervention Strategies for Struggling Readers



## K-12 Teaching Experience

### **NEW HAVEN UNIFIED SCHOOL DISTRICT**

8/2002– 7/2003

*Reading Specialist, Curriculum Leader, and After-School Intervention Coordinator  
Hillview Crest Elementary School*

Instructional Focus: Academic Support in Literacy

### **NEW HAVEN UNIFIED SCHOOL DISTRICT**

8/2001– 7/2002

*Reading Specialist, Coordinator/Developer Home-School Reading Programs  
Hillview Crest Elementary School*

Instructional Focus: Home-School Connections

### **NEW HAVEN UNIFIED SCHOOL DISTRICT**

8/1998 – 8/2001

*Reading Specialist/Reading Recovery Teacher  
Hillview Crest Elementary School*

Instructional Focus: Intervention Programs for Striving Readers

### **NEWARK UNIFIED SCHOOL DISTRICT**

8/1997 – 8/1998

*Reading Recovery and Early Intervention in Literacy Teacher  
James Graham Elementary School*

Instructional Focus: Intervention Programs for Striving Readers in K-3

### **NEWARK UNIFIED SCHOOL DISTRICT**

8/1996 – 8/1997

*Reading Specialist & 2<sup>nd</sup> Grade Classroom Teacher  
James Graham Elementary*

Instructional Focus: Grade 2 (multiple subjects) & Grades 4-6 (literacy)

### **SAN LORENZO UNIFIED SCHOOL DISTRICT**

2/1995 – 8/1996

*Special Education Teacher  
San Lorenzo High School*

Instructional Focus: Grades 8-12 (multiple subjects)

### **SAN LORENZO UNIFIED SCHOOL DISTRICT**

12/1994 –2/1995

*Long-term Substitute Teacher, Special Education  
Arroyo High School*

Instructional Focus: Grades 8-12 (multiple subjects)

### **SAN LORENZO UNIFIED SCHOOL DISTRICT**

8/1994 –12/1994, *Substitute Teacher*, Instructional Focus: Grades K-12 (multiple subjects)

### Professionally-related Service

- Editorial Review Board, *The Reading Teacher* (2016-2017)
- Editorial Review Board, *Reading Research Quarterly* (2016-2018)
- Editorial Review Board, *Reading Horizons* (2015-2017)
- Professional Standards Committee, International Literacy Association (2014-2017)
- Chair, Albert J. Kingston Committee, LRA (2014-2016), Committee member (2011-2013)
- Area Chair, American Edu. Research Association Div. C Section 1a Literacy (2013-2015)
- Editorial Review Board, Journal of Adolescent and Adult Literacy (JAAL) (2011-2015)
- Committee Chair, Publications Committee, Intern. Reading Association (IRA) (2011-14)
- Guest Reviewer, *Reading Research Quarterly* (RRQ) (2011 - present)
- Reviewer, *Journal of Educational Computing Research* (JECR) (2010)
- Guest Reviewer, *Journal of Literacy Research* (JLR) (2010, 2011)
- Area Chair for Study Groups, Literacy Research Assoc (LRA) formerly NRC (2010 – 2012)
- Review Board, *The California Reader* (2010 – 2011)
- Review Board, AERA Division C - Teaching & Learning, Writing and Lit SIG (2010-2012)
- Reviewer, *Teacher Education Quarterly* (TEQ) online (2009)
- Review Board, AERA Writing and Literacies Special Interest Group (2009)
- Reviewer, International Reading Association (IRA) book publishing division (2008 - 2011)
- Editorial Board, *Journal of Reading, Writing, and Literacy*, United Kingdom (2006 -2010)
- Committee Member, Oscar Causey Award, National Reading Conf (NRC) (2007-2010)
- Committee Member, Publications Committee Int. Reading Association (IRA) (2008-2011)
- Committee Member, SIG Teaching Literacy and Technology in Ed. (IRA) (2007 – 2011)
- Newsletter Editor, Alameda County Reading Association (ACRA) (2008-2010)
- Board Member, Technology, Communication & Literacy Committee (IRA) (2005-2007)
- Committee Member, Early Achievement Award, Nat. Reading Conf. (NRC) (2005-2007)
- Co-Chair, Literacy and Technology Pre-conference Institute (IRA) (2006 & 2007)
- Reviewer, *International Journal of Multiple Research Approaches* (MRA) (2008 & 2009)
- Reviewer, Broader Middle East and North Africa (BMENA) Literacy Hub (2008–present)
- Reviewer, *Journal of Teacher Education* (2004-2009)
- Reviewer, *Journal of Advanced Academics* (2007)
- Reviewer, Annual Convention Proposals, Int/ Reading Association, (2007, 2008, 2009)
- Reviewer, Research Poster Sessions, International Reading Association, (2004 - 2010)
- Reviewer, World Congress on Reading, International Reading Association, (2006)
- Reviewer, Presidential Award for Technology Integration, IRA (2006 & 2007)
- Proposal Reviewer, AERA (2004-2010) Division C & Writing and Literacies SIG
- Proposal Reviewer, NRC (2004-2010) Divisions 3, 7, 10, and 12
- Guest Reviewer, *Review of Educational Research* (RER) (2005)
- Advisory Board, Research Methodology Series, National Reading Conf. (NRC) (2004)
- President, Alameda County Reading Association (ACRA) (2001-2002)

### **Memberships in National & International Professional Organizations**

- Member, Commission of Adult Basic Education (COABE)
- Member, American Library Association (ALA)
- Member, Pro Literacy
- Member, American Association for Applied Linguistics (AAAL)
- Member, National Conference of Research on Literacy and Learning (NCRLL)
- Member, Association of Literacy Research Association (LRA) (formerly NRC)
- Member, American Educational Research Association (AERA)
- Member, International Literacy Association (IRA)
- Member, National Council for the Teachers of English (NCTE)
- Member, National Council for the Teachers of English, Assembly for Research (NCTE-AR)
- Member, California Reading Association (CRA)
- Member, Alameda County Reading Association (ACRA)