



COLLEGE OF EDUCATION

Illinois State University

Scholarship and Research June 2017

Book Chapters

- Smith, A., Dillon, J., & Zamora, M. (2017). Connectivist massive open online courses. In K. Peppler (Ed.) *The SAGE Encyclopedia of Out-of-School Learning* (pp. 136-140). Thousand Oaks, CA: SAGE.
- Smith, A., & Kennett, K. (2017). Multimodal meaning: Discursive dimensions of e-learning. In B. Cope & M. Kalantzis (Eds.). *e-Learning Ecologies: Principles for New Learning and Assessment* (pp. 88-117). New York, New York: Routledge.
- Smith, A., McCarthey, S., & Magnifico, A. (2017). Recursive feedback: Evaluative dimensions of e-learning. In B. Cope & M. Kalantzis (Eds.). *e-Learning Ecologies: Principles for New Learning and Assessment* (pp. 118-142). New York, New York: Routledge.
- Stornaiuolo, A., Phillips, N. & Smith, A. (2017). Transliterations. In K. Peppler (Ed.), *The SAGE Encyclopedia of Out-of-School Learning* (pp. 788-791). Thousand Oaks, CA: SAGE.

Journals

- Arias, A. M., Smith, P. S., Davis, E. A., Marino, J. C., & Palincsar, A. S. (2017). Justifying predictions: Connecting use of educative curriculum materials to students' engagement in science argumentation. *Journal of Science Teacher Education*, 28(1), 11-35.
- Jadallah, M., Hund, A. M., Thayn, J. B., Studebaker, J. G., Roman, Z. J., & Kirby, E. (2017). Integrating geospatial technologies in fifth grade curriculum: Impact on spatial ability and map-analysis skills. *Journal of Geography*, 1-13. doi: 10.1080/00221341.2017.1285339
- Kademian, S. M., Arias, A. M., Davis, E. A., & Palincsar, A. S. (2017). Supporting the use of scientific language: Teachers' use of content-foregrounded educative features. *Journal of Science Teacher Education*, 1-23.
- Ma, S., Anderson, R. C., Lin, T., Zhang, J., Morris, J. A., Nguyen-jahiel, K., Miller, B. W., Jadallah, M., Scott, T., Sun, J., Grabow, K., Latawiec, B. M., & Yi, F-H. (2017). Instructional influences on English language learners' storytelling. *Learning and Instruction*, 5845, 217-244. doi: 10.1016/j.learninstruc.2016.12.00

Presentations

- Arias, A.M. & Davis, E.A. (2017, April). Using a Simulated Student Interaction to Support

- Elementary Science Preservice Teacher Learning. Paper presented at the annual meeting of the American Education Research Association, San Antonio, TX.
- Arias, A. & Hartel, L. (2017, April). Preservice Teachers' Use of Curriculum Materials to Engage Students in Data Analysis. Paper presented at the annual meeting the NARST organization, San Antonio, TX.
- Fick, S.J. & Arias A. (2017, April). Scaffolding Beginning Teaching Practices: An Analysis of the Roles Played by Tools Provided to Preservice Elementary Teachers. Paper presented at the annual meeting the NARST organization, San Antonio, TX.
- Fick, S. J., Arias, A. & Baek, J. (2017, March). Using Multiple Models and Crosscutting Concepts to Support Students' Three Dimensional Knowledge about Water System. Paper presented at the annual meeting of the National Science Teachers Association, Los Angeles, CA.
- Hund, A. M., Jadallah, M., & Thayn, J. (2017, April). Improving spatial reasoning and STEM success during elementary school using Geographic Information Systems. Poster to be presented at the biennial conference of the Society for Research in Child Development, Austin, TX.

Other Scholarly Accomplishments

- Smith, A. (2017). Digital Media and Learning Multi-Method Data Training Award. Digital Media and Learning Research Hub, University of California Humanities Research Institute at UC Irvine.