

**Myunghwan Shin**  
**Curriculum and Instruction**  
**California State University, Fresno**  
**Title: Assistant Professor**  
**Appointment Date: August 2016**

**Academic Degrees**

- 2016 – Ph.D. Curriculum, Instruction, & Teacher Education (Specialization: Science Education), Michigan State University
- 2010 – M.S. Science Education, Seoul National University
- 2005 – B.S. Earth and Space Science Education, Seoul National University (Teacher License in Earth and Space Science (secondary), certified by the Ministry of Education, Science and Technology of Korea)

**Other Professional Experiences**

- 2011 – Lecturer: Gyeongin National University of Education
- 2009 - 2011 – Instructor: Seoul National Science Museum
- 2008 - 2009 – Teacher: Chong-Sol Middle School

**Teaching Experience**

- 2011 – Earth and Space Science, Gyeongin National University of Education
- 2009 – Science Teaching Method & Theory, Seoul National University

**Other Collegiate Work**

- 2015 – Workshop Organizer & Presenter, Creating Inclusive Excellence in Teacher Education Workshop, Michigan State University
- 2013 – Festival Organizer & Presenter, Science Festival, Michigan State University

**Professional Association Memberships**

- 2013 – American Education Research Association
- 2012 – National Association for Research in Science Teaching
- 2009 – East-Asian Association for Science Education
- 2009 – Korean Association for Research in Science Education
- 2009 – The Korean Earth Science Society

**Professional Assignments and Activities**

- 2015 – Proposal Reviewer: National Association for Research in Science Teaching
- 2013 - 2015 – Editorial Associate, Journal of Research in Science Teaching
- 2013 – Proposal Reviewer: National Association for Research in Science Teaching

## Selected Publications

- Tan, E., Calabrese Barton, A., **Shin, M.**, & Turner, C. (in press). Probing participatory partnerships: Equitably- consequential making by, for and with marginalized youth. In *annual FabLearn conference*. Palo Alto, CA: Stanford University.
- **Shin, M.**, Calabrese Barton, A., & Johnson, L. (2016). "I am an Innovator: Quahn's Counter-Narrative of Becoming in STEM." In Marx, S. (Ed). *Qualitative Research in STEM: Studies of Equity, Access and Innovation*. Routledge.
- Kang, D., **Shin, M.**, Shin, P., We, H., Yun, K., Yang, C., Kim, J., Min, H., Noh, T., & Kim, C.J. (2012). "The Types of Inter-language of Middle School Students in the Process of Learning Diastrophism." *Journal of the Korean Earth Science Society*, 33 (1), 59-72.
- Yang, C., Kim, J., Shin, P., We, H., **Shin, M.**, Kang, D., Kim, S., Min, H., Kim, C.J., & Noh, T. (2011). "The Pattern of Inter-language in Science Learning and the Characteristics of Inter-language through the Change of Understanding of Science Language." *Journal of the Korean Association for Research in Science Education*, 31 (5), 745-757.
- **Shin, M.**, Maeng, S., & Kim, C.J. (2010). "A Comparative Analysis of the Linguistic Features of Texts Used in the Volcano and Earthquake Unit in Korean Elementary and Secondary School Science Textbooks." *Journal of the Korean Earth Science Society*, 31 (7), 36-50.
- Maeng, S., **Shin, M.**, Cha, H., Ham, S., Shin, H., & Kim, C.J. (2010). "Understanding of the Linguistic Features of Earth Science Treatises: Register Analysis Approach." *Journal of Korean Earth Science Society*, 31 (7), 785-797.

## Selected Grant Writing Submittals (N/A)

### Selected Refereed Presentations

- **Shin, M.**, Calabrese Barton, A., Greenberg, D., & Nazar, C. D. (2016, April). *Youth Engagement and Mobilities of Learning During Making in an Equity-Oriented Makerspace*. Presented at American Educational Research Association annual conference, Washington, DC.
- **Shin, M.**, Calabrese Barton, A., Greenberg, D., Nazar, C. D., & Tan, E. (2015, April). *Little Kids Can Do Ginormous Works: Youth's Engineering Design and Identity Work*. Presented at American Education Research Association annual conference, Chicago, IL.
- **Shin, M.** & Calabrese Barton, A. (2014, April). *I Can Do Science!: Wrestling with Stereotypes and Science Identity*. Presented at National Association for Research in Science Teaching annual conference, Pittsburgh, PA.
- **Shin, M.** & Calabrese Barton, A. (2014, April). *Chemistry as a Tool for Transformations: Knowledge and Agency*. Presented as part of a symposium entitled Reconceptualizing High School Chemistry Based on Authentic Practices at National Association for Research in Science Teaching annual conference, Pittsburgh, PA.

### Selected Invited Presentations (N/A)