List of Journal Articles Read During Summers of 2015 and 2016 (in order of access)


International Journal of Science Education, 14 April 2006, Vol.28, No. 5, The Language Demands of Science Reading in Middle School, Zhihui Fang

Case Studies:


JEE, July 2008, Advancing Engineering Education in P-12 Classrooms, Sean Brophy
JEE January 2001, Vol. 90, Issue 1, Assessing K-12 Pre-Engineering Outreach Programs, Poole, DeGrazia, Sullivan


School Science and Mathematics, April 2111, Vol.111, Issue 4, Exploring the Responses of Underrepresented Students in Science to an Elementary Classroom Outreach Program, Shanahan, Pedretti, DeCoito & Baker

JEE October 2013, Vol. 102, Issue 4, Engineering Design-Based Sciences, Science Content Performance and Science Attitudes in Elementary School, Wendell and Rogers

School Science and Mathematics, October 2014, Vol. 114, Issue 6, STEM Teachers Planned and Enacted Attempts at Implementing Engineering Design-Based Instruction, Capobianco and Rupp

(on Georgia Tech website) STEM Outreach: Georgia Tech Supports the Goal of Attracting the Next Generation of Scientists and Engineers

(to be read) ASEE, Mapping Rural Students STEM Involvement: Case Studies of Chemical Engineering Undergraduate Enrollment in the States of Illinois and Kansas, Versypt

(to be read) Hanover Research, March 2012, Best Practices in Elementary STEM Programs

(to be read) NSTA Press, NGSS For All Students, Lee, Miller, Janusyk

Research and articles related to deafness and hearing impairment:


Accommodating Students with Disabilities in Science, Technology, Engineering and Mathematics (STEM): Findings From research and Practice for Middle Grades through University Education, Moon, Todd, Morton, Ivey (Georgia Tech) NSF funded

Competitive STEM Program at University of Washington Targets Deaf, Hard of Hearing Students, Michelle Ma (University of Washington) NSF, Bill and Melinda Gates funded

NSF Research Grants -
• Overcoming Barriers to STEM Success for Deaf Undergraduates (Gallaudet College)
• Project Access, Project Fast Forward (NTID)
• Improving Access to STEM Education for Deaf and Hard of Hearing Students, Marc Marschark (RIT)