

## **Summer Research 2016 - Education Mathematics, Science Division**

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This summer, I have been participating in a project, titled “Pre-service teachers’ views on their opportunities to learn about algebra” with Professor Hyunyi Jung and my colleague Sarah Strikwerda. Our research was a small part of a larger research project which had been going on for five years. We have been analyzing transcribed interviews of preservice teachers in college programs and investigating opportunities that they remember about learning algebra and learning to teach algebra. This interview was conducted in five universities with 10 groups of preservice teachers. We have been reviewing several research studies and analyzing 8 questions for each interview line. Currently, we are in the process of writing a draft paper that will be submitted to a peer-reviewed journal article.

This research has benefited me unexpectedly in several ways. As an English second language learner, reading and writing articles and papers trained me to read quicker and find useful information. As a future teacher, I learned a lot about how college students in education programs at other institutions are similar or different from education programs that I experienced at Calvin College. This was a unique experience for me to study about different aspects of learning and teaching algebra from several mathematics and education courses. Being a part of a research team was very productive way to spend my summer as I collaborated with others to learn about research and build my communication skills.