

1135-P1-2570 **Steven Schlicker*** (schlicks@gvsu.edu). *Open Textbooks at Grand Valley State University.*

Several studies provide extensive empirical support that active learning in STEM disciplines and mathematics is superior to traditional lecture while other studies show that active learning differentially benefits students of color and/or students from disadvantaged backgrounds. As a response to those studies, and to the undeniable fact that commercial textbooks are just too expensive, some faculty at Grand Valley State University have written inquiry-based texts in trigonometry, single and multivariable calculus, and transition to proof that are either open source or available as free pdf files. Our hope is to help our students by incorporating active learning strategies in our texts, and help them with their cost of their education with free high-quality textbooks. I will share information about the texts that are currently available at GVSU (at <http://scholarworks.gvsu.edu/books/>), and some of the exciting material that is in the works. (Received September 26, 2017)