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Monica D. Morales-Hernandez*, 413 Science Building, One South Avenue, Adelphi University, Garden City, NY 11530-0701, and Sherli Koshy Chenthittayil and Nikeetha Farfan
D'Souza. Biographical essays as an effective tool to engage International students in American College Mathematics. Preliminary report.

Diversity and Inclusion are two words that have become very popular in the last years. As mathematicians we often listen, write, read, and implement policies to diversify our classrooms, but what happens when our classrooms are already diverse? How do we actively practice inclusion? How do we modify and improve our teaching techniques and the way we communicate math to a group of students whose main characteristics are that they are diverse, they have limited math experience, and also have limited English skills? How do we modify the math curriculum so that the students can successfully complete the class? How do we actively practice inclusion in an ESL College Math classroom?. In this project we study whether historical exposure improves engagement of international students in math classes. We make use of biographies of mathematicians as a tool to teach mathematical concepts as well as a tool to cultivate inclusion and exemplify the not so visible diversity of the field of mathematics. (Received September 08, 2020)