

1154-R1-2202 **Paul R Coe** and **Jeanette Mokry*** (jollie@dom.edu). *Discussing the Accuracy of Mathematics in Film.*

In our Senior Capstone, one of the course goals is to think about mathematics in a context beyond the classroom. We spend one class showing and discussing mathematics in film. The film clips fall into one of two categories. Some films have mathematical content and we discuss the correctness (or not) of the content. An example of this is the scarecrow's statement near the end of *The Wizard of Oz*. Other films portray characters doing mathematics and we discuss the social implications of being good (or bad) at math. We often show a clip from *Mean Girls* during this part of the class. In our presentation we will show a couple of short clips that are representative of these two threads and give examples of the types of discussion that usually ensues. (Received September 17, 2019)