

1145-E5-2104      **Della Dumbaugh\*** (ddumbaugh@richmond.edu), Department of Mathematics & Computer Science, Richmond, VA 23173. *Art, Literature & Letters in the Calculus Classroom: An Overview.*

In his *A Scream Goes Through the House: What Literature Teaches Us About Life*, Arnold Weinstein emphasizes an education “not about facts and data.” Instead, he suggests literature and art as a way to see our world “through lenses not our own.” This talk explores creative ways to view the traditional concepts of Calculus through the lenses of art, literature and letters. It shows, through example, how the Calculus classroom provides the perfect space to connect mathematics with the innovative 16th century art of Giuseppe Arcimboldo, the concise correspondence of Richard J. Duffin and other letter writers, the popular *Me Before You* contemporary novel and movie by Jo Jo Moyes, and the children’s literature of Bernard Waber and his contemporaries. (Received September 24, 2018)