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**Rachel Grotheer\*** ([rachel.grotheer@goucher.edu](mailto:rachel.grotheer@goucher.edu)) and **Bernadette Tutinas**. *Data Analytics Across the Curriculum: Rethinking Quantitative Literacy at Goucher College*.

Goucher College has recently gone through a campus-wide curriculum change to rethink the meaning of a liberal arts education and how to best prepare students for life after college. As a result of this reflection, our “Mathematical Reasoning” general education requirement has changed into a Data Analytics requirement that requires students to take one semester-long course learning the foundations of data analytics and then another semester-long course learning data analytics techniques in the context of another discipline, usually their major. We call this second class a “data analytics across the curriculum” course. While still in the early stages of this curricular change, we have had many course proposals from a variety of disciplines outlining how they will incorporate data literacy into their classes. This talk will give an overview of some of these ideas, as well as look at one of our foundational data analytics courses, which approaches calculus from an applied, data-driven mindset, drawing heavily on examples and datasets from other STEM fields. We will specifically explain how we combine data analytics and calculus in this course through our unit projects, which require students to work in groups to analyze datasets with the help of the software RStudio. (Received September 26, 2017)