

1096-E1-1025 **Bryan Dawson*** (bdawson@uu.edu). *The Best of Both Worlds: The Flipped Classroom with a Moore Method Flavor for Undergraduate Analysis.*

Proof-based courses such as an undergraduate introduction to analysis are often run in one of two ways: lecture or Moore-method. The daily professor-student interaction of the Moore method tends to help the students develop skills more deeply than is typical for a lecture class, but usually at the sacrifice of breadth of topics covered. Since students preparing for graduate school benefit from depth of skills but are generally expected to also have a breadth of knowledge, it has often been difficult to choose between the two competing options. Thankfully there is now a third option!

This talk will describe my experience offering introduction to analysis using a flipped classroom during fall 2013. The presentation will include the method and technology used for recording lectures (mostly pencasts with an occasional screencast), the Moore-method flavor to the class meetings, student reaction, and an informal review of the impact on student learning. (Received September 12, 2013)