

1125-O5-1902      **Abe Edwards\*** (aedwards@msu.edu). *A New Angle on Assessing Quantitative Literacy Pathways.*

Since 2010, Cuyahoga Community College has been involved with implementing the Quantway program—a two semester pathway to college mathematics credit with an emphasis on quantitative literacy. Considerable in-house research indicates that this pathway has been largely successful, because it has allowed many students to achieve college mathematics credits. Yet, it has remained unclear what happens to these students after they complete the pathway. For example, are they able to draw on their mathematical and statistical knowledge in later academic experiences? This talk presents the culmination of a longitudinal research project to assess the role of QL instruction, from a totally new perspective. In particular, the talk focuses on the connections that former Quantway students made between tasks in their QL courses and tasks in subsequent general science courses. By focusing on connections that students themselves report, we begin to obtain a fuller picture what “success” looks like for a QL pathway. (Received September 19, 2016)