

1106-97-1184      **Jeffrey Humpherys\*** ([jeffh@math.byu.edu](mailto:jeffh@math.byu.edu)), Department of Mathematics, TMCB 386, Provo, UT 84604. *Modeling Across the Undergraduate Curriculum.*

We report on the findings of the undergraduate group for the Modeling Across the Curriculum II Workshop. We discuss the curricular gaps between the status quo in academia today and what is needed to meet the challenges of a globally competitive workforce in the 21st Century. Along the lines of the two NRC reports Mathematical Sciences 2025 report and its companion piece Fueling Discovery and Innovation, we discuss several recommendations that came from our group. (Received September 11, 2014)