

2014-2015 Faculty of Education HSS Seed Grant Competition

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Project Title: Developing Models for Examining Trends in Country Performances in International Assessments

Project Abstract:

This research focuses on examining methodologies for analyzing and interpreting international assessment data to inform decisions about improving education. In particular the research focuses on developing models for examining country trends on the Programme for International Student Assessments (PISA) for Canada which demonstrated decline in mathematics scores and Turkey which demonstrated the largest gain in scores, for identifying factors that may contribute to declines or increases in student performance. These models are expected to guide countries in analyzing their data country data to inform education policy and practice. This research is the first step in a new research program that in the future will include a broader range of issues in using international assessment data for informing education policy and practice.