

Department of Mathematics

Fall 2016 Colloquium Series



“Teaching and Learning Mathematics with a Growth Mindset”

Dale Oliver, Humboldt State University

Thursday, October 20, 2016

Behavioral and Social Sciences Building Room 166, 4 pm

Among all of the STEM fields, mathematicians have expressed the strongest belief in a **fixed mindset** – that intelligence is a fixed, innate ability that cannot be taught. Recent work of scholars challenges the belief in a fixed mindset within mathematics. Their research shows that what we think about intelligence matters, and that belief in a **growth mindset** – that intelligence can be developed through hard work, dedication, and various other means – can elevate mathematical learning for all. In this colloquium we will look at some of the implications for teaching and learning mathematics from the research on growth mindset.

Professor Dale Oliver is enjoying his 26th year in the Mathematics Department at Humboldt State University. He enjoys teaching math courses for prospective teachers, and directing professional development projects for K-12 teaching professionals. In one of his current projects, the Redwood Coast Professional Learning Initiative funded by the California Department of Education, he and his collaborators are promoting a growth mindset for mathematics among the teachers and administrators of 18 local elementary schools.

For a complete abstract, go to <http://www.humboldt.edu/math/news-and-events/math-colloquium>

We cordially invite you to the Pre-Colloquium Tea on the third floor of the BSS

building at 3:30 pm on Thursday.

(Image retrieved from <http://trainugly.com/mindset-makers-breakers-pt1/> on 10/10/16)