

1116-L5-1934 **Michael A Furuto*** (mfuruto@hawaii.edu). *Touchdowns, 3 pointers, and Real-World Math*. Preliminary report.

Engaging students in real-world problems is crucial to developing their conceptual understanding and appreciation of math. Math is ubiquitous in the world of sports, and participants will explore a variety of sports applications in curriculum. Content covered will include statistical and data analysis, problem solving, and the connection between math and sports. The purpose is to not only pique student interest in real-world math, but to also deepen student conceptual understanding, increase procedural fluency, and solidify skill proficiency. (Received September 21, 2015)