

**Ohio NExT Abstracts  
Spring 2017**

**Michael Pearson, Executive Director of the MAA,**

Dr. Pearson will lead an Inquiry-based Learning workshop on the recent CUPM Curriculum Guidelines document. Dr. Pearson is looking to create an interactive session by working with participants attending the workshop in an IBL format.

**Mitra Devkota, Shawnee State University  
Use of Technology in Teaching Introductory Statistics:**

In this talk, I will discuss the use of technology such as graphing calculator, open source statistics software package R, and JMP in teaching undergraduate statistics.

**Harrison Potter, Marietta College  
Grading as an Incentive Structure**

An incentive structure is a social system that is governed by certain rules that are designed to generate, in aggregate, certain behaviors from those within the system. I present two extreme grading systems within this conceptual framework that serve as poles of a continuum. My own grading system is then presented as a means of synthesizing these polar opposites. Redacted grades from past semesters are used to illustrate my approach in practice."

**Marepalli Rao , University of Cincinnati  
“The Joy of Data – Some inspirational data analyses from scientific literature**

There is no paucity of data. In this presentation, I will pick up some data sets from the published literature and talk about their analyses.