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.