YSU Physics Professional Day Monday, December 17, 2018

Sponsored by College of STEM and Y.A.P.A.

8:15AM – 9AM Registration and Continental Breakfast **Ward Beecher** **Room 2016**

9AM – 9:15 Introduction **Room 2000**  Mary Janek

*Y.A. P.A. Coordinator*

 Welcome **YSU President Jim Tressel**

 Opening Remarks Wim F. A. Steelant

 *Dean of STEM*

 Foreword W. Gregg Sturrus

  *Physics & Astronomy Dept Chair*

9:15AM – 9:30AM Scholarship Opportunities Emilie Eberth at YSU *Coordinator STEM Outreach*

9:30-9:45AM What’s Going On at OhWOW! Aislinn Janek

 for High School Students *OhWOW! Outreach*

9:45-10:15AM Hands-on Induction W. Gregg Sturrus *Physics & Astronomy Dept Chair*

10:15 – 10:45AM Mathematics of Physics Snjezana Balaz

 *YSU Physics Faculty*

 Alicia Prietro

 *YSU Mathematics Faculty*

10:45-11:00 AM break

11:00-11:30AM Translation & Rotation -  Mike Crescimanno

 Free Body Diagrams  *YSU Physics Faculty*

11:30-11:45 Science Teachers and Joseph Beshara

 the Opioid Crisis *YSU Graduate Student*

11:45AM -12:45PM Lunch on Your Own

12:45PM- 1:45PM 3-D Capabilities of MatLab Donald Prior

 *YSU Physics Faculty*

1:45PM – 2:15PM Planetarium Plus Tiffany Wolbrecht

*YSU Physics & Astronomy Planetarium Lecturer*

2:15 PM – 3:00PM Certificate Distribution Mary Janek

 Optional tour - Electron Microscopy Lab *Physics Olympics Director*

 Ward Beecher Hall *Y.A.P.A. Coordinator*