

2018 AMTA Annual Conference

New Albany, OH
June 23-24



Transforming STEM Education

Saturday

8:15	Check-in	Jefferson Room	
9:00-9:30	Welcome	Jim Stankevitz, AMTA President and Bill Thornburgh, AMTA Executive Officer	
9:45-10:40	<u>Session 1</u>		
<i>E 213</i>	Richard Gosnell (PA)	Astronomy Modeling	
<i>E 217</i>	Anita Schuchardt (MN) & Chantel Dooley (DC)	Biology Modeling Instruction: Future Directions	
<i>E 209</i>	George Nelson (IL)	Executing Middle School Modeling Instruction in the Classroom	
10:50-11:45	<u>Session 2</u>		
<i>E 205</i>	Equity and Diversity		
<i>E 203</i>	Whiteboarding		
<i>E 207</i>	Innovative Uses of Technology		
<i>E 213</i>	AMTA Website Needs & Wants		
12:00-1:45	Lunch + Keynote	Dr. Mandy McCormick-Smith - The Ohio State University	
1:55-2:50	<u>Session 3</u>		
<i>E 213</i>	Mark Schober (NY)	A 'Model' Implementation of Standards-Based Grading	
<i>E 205</i>	Kathy Harper (OH)	Expert-Novice Research: The Basis for Some Unusual Problem Types Found in Modeling Curricula	
<i>E 217</i>	Larry Dukerich (AZ)	An Interdisciplinary Approach to Energy Storage and Transfer	
3:00-3:55	<u>Session 4</u>		
<i>E 203</i>	Chemistry breakout		
<i>E 217</i>	Biology breakout		
<i>E 213</i>	Physics breakout		
<i>E 207</i>	MS breakout		
4:00-5:10	Social	Networking with colleagues or STEP UP 4 Women session	

5:15-6:30 Dinner

7:00-9:00 Social

Drinks at The Rusty Bucket

Sunday

8:30-10:00 Breakfast sponsored by Vernier +
Keynote

Dr. Ellen Yeziarski – Miami University

10:10-11:05 Session 1

E 217

Fran Poodry (OR)

Transitioning to Chromebooks with Vernier

E 213

Mike Dolan (TX) & Stephen Collins
(LA)

Mechanics Course Book: Ideas to Better
Support AMTA Teachers

E 205

Marie Wenzke (OH)

The Self-Paced Classroom & Modeling: How Do
We Have Rich Discussions if Everyone is in
Different Places?

11:10-12:05 Session 2

E 203

NGSS alignment

E 207

Starting a new STEMteachersXYZ

E 209

Mentoring of new Modelers

E 213

Modeler created resources and
sharing

12:15-1:00 Lunch + Wrap up

Laura Slocum, President-Elect AMTA

A special thank you to our sponsors!

