	Ware 406 **Annie Fetter**	Session Times	Ware 100 **K-8**	Ware 112 **Education**	Ware 401 **Algebra I Geometry**	Ware 403 **Precalculus**	Ware 408 **Stats, Calculus & Beyond**	Ware 200 **Technology**
Block I: 9:45-10:45 am	Q&A with Annie Fetter	9:45-10	K-5 Differentiated Instruction: Mills	Instructional Strategies - Owens	Algebra I with Geometry (a single course) - Jacobs	Precalc Video Project- Chaput	Visualizing the Fund. Thm of Calc. – Harding	Twitter for Math Educators – Join #MTBos with me! - Sugrue
		10:05-10:20	5th gr. STEM PBL – Malone	Error analysis – McCready	Visualizing trig ratios – Pratt	Unit Starters for Alg II/Precalc – Plassman	The Calculus Underlying Precalculus – Kassatly	Interesting Zooms & Multiple Representations in Geogebra - Rollinson
		10:25-10:40	K-2: Going Deeper with Enrichment – McCuen/Moffett	Math competitions - Blumberg	Essential questions in Geometry- Jacobsen	Three Good Honors Precalc Problems – Oulton		Encouraging students (especially girls) in Comp. Science - Fidler
Block II: 11 am – 12 pm	Noticing and Wondering Grades K-5	11-11:15	Coaching models– Mills	Written reflections – Sacchetti	Strategies to Help Students who Struggle with Math - Katz	Mathalicious and other unit starters for Precalc- Karp	Calculus projects – Donovan	Scratch CS module for Alg I/Geo - Hansberry
		11:20-11:35	Probability in 1st grade – Thiemann	How do students learn from making mistakes? - Anderson	Design Thinking in Math – Hamilton	Workshop My Trig PBL for Precalc - Sugrue	Stats Poster Competition- Coons	Flipped classrooms action research- Malone
		11:40-11:55	Math Pickle Gr. 3-5: Porter	Framing and Making Connections Across Units- HerrNeckar	Mentoring programs and observing non-math teachers - McCormick	Secondary Strategies that Sustain Sense Making – Miles	STATS4STEM website – Simoneau	Java in Geometry – Hales
Block III: 1:15-2:15 pm	Noticing and Wondering Grades 6-12	1:15-1:30	Facilitating whole class discussions– Jin Lee	Classroom inquiry – Hansberry	Integrating art projects in Algebra I – Hamilton & Horan	Formative assessments by cell phone – Coons	Using Technology to Link Newton's Method to Riemann Sums- Kahn	Flipped classrooms - Sacchetti
		1:35-1:50	Journey to cohesiveness in K8 math- Farmer/Slocum	Want to present at NCTM 2017? - Anderson	Estimation 180- Kaufman	Discussion: Coding in math – what is possible? – Hales	Discussion: Share the Best 3 Professional Devel. Opportunities - Sugrue	Desmos tips – come ready to share! – HerrNeckar & bargar
		1:55-2:10	How to review a curriculum (K8) - Crissman	Digital Literacy through Infographics – Kahn	Group brainstorm – Summer opps. for students – Blumberg	Cool programming projects in math and beyond - Hales	STATS4STEM – Using R in Stats - Simoneau	Typesetting in LaTeX – bargar
2:15-2:30	Open time at top of Ware – ask follow-up questions of presenters, debrief with others, and plan ways to continue conversations begun today							