

NCMATYC 2017

☐ **D** Developmental Math (DMA's)
 ☐ **G** General (Applies to all courses.)
 ☐ **N** Non-STEM (MAT 110 Quant. Lit. Stats.)
☐ **S** Social
 ☐ **M** STEM (Pre-Calc Calc Buis. Calc.)
 ☐ **T** The Joy of Mathematics/Digital Classroom

MARCH 8 • WEDNESDAY

| | | |
|-------------------|--|----------------------------|
| 10:00am – 10:45am | colLABorate Workshshop: Why colLABoration? <i>Speakers: Benjamin Aschenbrenner, Luke Walsh</i> | Collins Building: Room 135 |
| 11:00am – 12:30pm | colLABorate Workshop: Why technology? <i>Speakers: Luke Walsh</i> | Collins Building: Room 135 |
| 12:30pm – 1:00pm | colLABorate Workshshop: Lunch | Collins Building: Room 135 |
| 1:00pm – 2:30pm | colLABorate Workshop: Why contextual labs? <i>Speakers: Benjamin Aschenbrenner, Jay Martin</i> | Collins Building: Room 135 |
| 2:30pm – 2:45pm | colLABorate Workshop: Snack break. | Collins Building: Room 135 |
| 2:45pm – 4:15pm | colLABorate Workshshop: Why mathematical discussion? <i>Speakers: Benjamin Aschenbrenner, Luke Walsh</i> | Collins Building: Room 135 |
| 4:15pm – 5:00pm | colLABorate Workshop: Let the colLABoration begin! <i>Speakers: Benjamin Aschenbrenner, Luke Walsh</i> | Collins Building: Room 135 |

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MARCH 9 • THURSDAY

| | | |
|-------------------|--|------------------|
| 9:00am – 9:45am | Time to collABorate! | ERC (Building 5) |
| 10:00am – 10:45am | D A Comparison of NC Developmental Math Sequences <i>Speakers: Matthew Peeler</i> | 241 |
| 10:00am – 10:45am | G High School Students Performance In Community College Classes <i>Speakers: Paul McCombs</i> | 210 |
| 10:00am – 10:45am | G Make The Most of Homework with Skill Builder and Work Space <i>Speakers: Dennis deJong, Kate Ratigan</i> | 235 |
| 10:00am – 10:45am | G Measuring Multiple Measures <i>Speakers: Michael Boone, Jeanne McGinnis</i> | 227 |
| 10:00am – 10:45am | N Going Open Source in MAT 110 <i>Speakers: Harold Burns, Chelsea Smith, Lee Wilsonwithers</i> | 208 |
| 10:00am – 10:45am | M ALEKS PreCalculus Expansion <i>Speakers: McGraw-Hill Higher Education</i> | 231 |
| 10:00am – 11:30am | M An exposition of the natural logarithm and it's importance <i>Speakers: Vasilica Marhao, Ethan Smith</i> | 104 |
| 11:00am – 11:45am | G A Roadmap to Accessible, Affordable, and Engaging Learning <i>Speakers: Joshua Moe</i> | 231 |
| 11:00am – 11:45am | G Teaching and Grading Teamwork <i>Speakers: Stephanie Moore</i> | 210 |
| 11:00am – 11:45am | N Letters From the Front Lines: Teaching in Groups <i>Speakers: Brian Mercer, Dave Sobecki</i> | 227 |
| 11:00am – 11:45am | N Quantitative Literacy - Finances in the Real World <i>Speakers: Lori Vincent</i> | 202 |
| 11:00am – 11:45am | M Just a spoon full of sugar helps the Calculus go down... <i>Speakers: Beth Tsai</i> | 235 |
| 11:30am – 11:45am | M Adventures in flipping <i>Speakers: Vicki Todd</i> | 241 |
| 12:00pm – 12:50pm | Lunch, sponsored by McGraw Hill. <i>Sponsors: McGraw Hill</i> | Building 10 |
| 1:00pm – 1:45pm | G Math in the Media <i>Speakers: Julie Miller</i> | ERC (Building 5) |
| 2:00pm – 2:45pm | D NCADE | 235 |
| 2:00pm – 2:45pm | G Giving Multiple Measures Students a Fast Start <i>Speakers: Brigitte Myers</i> | 210 |

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| 2:00pm – 2:45pm | G NCCCS MAT Courses and their Transfer to the UNC System <i>Speakers: Jonathan Loss</i> | 104 |
| 2:00pm – 2:45pm | N Reality Math <i>Speakers: Dot Sulock</i> | 241 |
| 2:00pm – 2:45pm | N Team Teaching Statistics <i>Speakers: Amy Cole, Lara Smith</i> | 202 |
| 2:00pm – 2:45pm | M Introduce Calculus Topics with Cognitively Challenging Tasks <i>Speakers: Carrie Lineberry Rlitter</i> | 208 |
| 2:00pm – 2:45pm | M Learning From Past Mistakes - MAT 271 <i>Speakers: Amanda Whitt</i> | 227 |
| 2:00pm – 3:30pm | D It all adds up - Two Solutions: MindTap Math Foundations & WebAssign <i>Speakers: Cengage Learning</i> | 231 |
| 3:00pm – 3:45pm | G Class Collaboration Through Games <i>Speakers: Cindy Moore, Tammy Sullivan</i> | 208 |
| 3:00pm – 3:45pm | G Department Chairs Sharing Session <i>Speakers: Jonathan Loss, Nancy Rivers</i> | 235 |
| 3:00pm – 3:45pm | G Engaging Students: The Mathematics of Careers <i>Speakers: Jay Martin, Julia Smith</i> | 104 |
| 3:00pm – 3:45pm | N OER for Quantitative Literacy <i>Speakers: Sharilyn Owens, Lee Wilsonwithers</i> | 241 |
| 3:00pm – 3:45pm | N The Global Language of Mathematics <i>Speakers: Amanda Klinger, Laura Taylor</i> | 202 |
| 3:00pm – 3:45pm | M Understanding Span <i>Speakers: Katrina Palmer</i> | 210 |
| 3:00pm – 4:00pm | M 13th Annual Faculty Math League Competition <i>Speakers: Chris Mansfield</i> | 227 |
| 4:00pm – 5:00pm | Continue to colLABorate <i>Speakers: Luke Walsh</i> | ERC (Building 5) |
| 6:00pm – 9:00pm | S Evening Social at Fullsteam Brewery: Sponsored by Pearson <i>Sponsors: Pearson</i> | Fullsteam Brewery (726 Rigsbee Avenue in Durham, NC 27701) |

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MARCH 10 • FRIDAY

| | | |
|-------------------|--|-------------|
| 8:00am – 8:45am | 60 Years of Reform in Math Education in the United States | Building 10 |
| | <i>Speakers: Ron Larson</i> | |
| | <i>Sponsors: Cengage</i> | |
| 9:00am – 9:15am | N Using Google for statistics in MAT 143 | 104 |
| | <i>Speakers: Michelle Powell-Reece, Stacy Reagan</i> | |
| 9:00am – 9:15am | T Mental Math: Squaring Numbers | 100 |
| | <i>Speakers: Kaan Ozmeral</i> | |
| 9:00am – 9:45am | D Developmental Math Accelerated Modules | 231 |
| | <i>Speakers: McGraw-Hill Higher Education</i> | |
| 9:00am – 9:45am | D DMA Emporium Strategies to Promote Student Success | 208 |
| | <i>Speakers: Rinav Mehta, Christie Williams</i> | |
| 9:00am – 9:45am | G Is teacher.desmos.com > desmos.com? | 225 |
| | <i>Speakers: Luke Walsh</i> | |
| 9:00am – 9:45am | N MAT 110 Seated vs. Online: Congruent, Similar or Neither? | 227 |
| | <i>Speakers: Ann DeBoever</i> | |
| 9:00am – 9:45am | N Using Modeling to Improve Proportional Reasoning Skills | 210 |
| | <i>Speakers: Holly Hirst</i> | |
| 9:00am – 9:45am | M MAT 171 Spiraled Approach to SLO's | 241 |
| | <i>Speakers: Holly Markovich, Anne Schlieper</i> | |
| 9:00am – 9:45am | M Matrices and More | 202 |
| | <i>Speakers: Seth McElvaney, Mary Pearce</i> | |
| 9:20am – 9:35am | N Brita- A Mathematical Modeling Activity | 104 |
| | <i>Speakers: Alana Baird</i> | |
| 9:20am – 9:35am | T DB Questions that Draw Students | 100 |
| | <i>Speakers: Wendy Clinton</i> | |
| 9:40am – 9:55am | N Salt Marsh's Secret | 104 |
| | <i>Speakers: Sherry Nikbakht</i> | |
| 9:40am – 9:55am | T Conway's Game of Life | 100 |
| | <i>Speakers: Margaret Memory</i> | |
| 10:00am – 10:15am | D Developmental Math Shell Implementation | 241 |
| | <i>Speakers: Kimberly Mullis, Regina G. Price</i> | |
| 10:00am – 10:15am | N Using JMP to Enhance the the Teaching of MAT 152 | 104 |
| | <i>Speakers: Gustavo Sa, Michael Traylor</i> | |
| 10:00am – 10:15am | M Group projects for seated and online classes | 100 |
| | <i>Speakers: Phyllis Allen</i> | |

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| 10:00am – 10:45am | G | G.R.I.T.S. - Girls Raised in the Sciences <i>Speakers: Lisa Hodge, Cathey Jordan, Debbie Mills</i> | 227 |
| 10:00am – 10:45am | G | Google embed with LMS?! <i>Speakers: John Bennett</i> | 208 |
| 10:00am – 10:45am | G | NEW Integrated Courses, Question-Authoring Technology, & more <i>Speakers: Jennifer O'Brien</i> | 231 |
| 10:00am – 10:45am | G | Warming Up Your Classroom <i>Speakers: Mary Pearce</i> | 225 |
| 10:00am – 10:45am | N | The GAISE Report: What's new in 2016? <i>Speakers: Ross Gosky</i> | 210 |
| 10:00am – 10:45am | M | Modeling the Path of the Sun using Trigonometric Functions <i>Speakers: Ken Jewell</i> | 202 |
| 10:20am – 10:35am | N | Generate and Use Real Data of Student Interest in Statistics <i>Speakers: Jay Martin</i> | 104 |
| 10:20am – 10:35am | M | An n-sided Polygon Ferris Wheel <i>Speakers: Luke Walsh</i> | 100 |
| 10:30am – 11:45am | G | Culturally Responsive Teaching and Equity <i>Speakers: Benjamin Aschenbrenner</i> | 241 |
| 10:40am – 10:55am | N | Distribution of the Sample Mean from Population Data <i>Speakers: Laurie Keatts</i> | 104 |
| 10:40am – 10:55am | M | Fun ways to remember trig identities <i>Speakers: Laura Taylor</i> | 100 |
| 11:00am – 11:45am | G | Campus Reps Meeting <i>Speakers: Amanda Klinger</i> | 210 |
| 11:00am – 11:45am | G | Good Question - Bad Test: Making the most out of a Testbank. <i>Speakers: Cassandra Johnson</i> | 100 |
| 11:00am – 11:45am | G | Mastery Learning: Success in Subsequent Courses <i>Speakers: Jennifer O'Brien</i> | 231 |
| 11:00am – 11:45am | G | Tips for New Faculty | 208 |
| 11:00am – 11:45am | G | Wooden Spoon Anyone? <i>Speakers: Michael Boone</i> | 225 |
| 11:00am – 11:45am | N | Sustainability in QL <i>Speakers: Sierra Milosh, Katrina Palmer</i> | 104 |
| 11:00am – 11:45am | M | Music and Mathematics (tentative) <i>Speakers: David Gvasci</i> | 202 |
| 11:00am – 11:45am | M | Mutually Perpendicular Unit Vectors - A Projection Approach <i>Speakers: Lance Gooden</i> | 227 |
| 12:00pm – 1:00pm | | Closing Session | ERC (Building 5) |