

### 3-Minute Dissertations

Presiding: Dr. Margaret Blanchard

4:45-5:10 p.m.

1. **Shana McAlexander** (Science Ed) *Supporting Transfer Students Career Development through Science/Engineering Internships: A Narrative Case Study.*  
Co-Chairs: Dr. M R Blanchard & Dr. R Venditti
2. **Jonathan Lopez-Torres** (Mathematics & Statistics Ed) *Math Anxiety, Motivation, Basic Psychological Needs and Utility: A Mixed Methods Study on non-STEM Undergraduate Students in a General Education Mathematics Course.*  
Co-Chairs: Dr. K F Hollebrands & Dr. R Anderson
3. **Vance Kite** (Science Ed) *Pulling the Plug on Computational Thinking: Preparing Inservice Science Teachers to Bring Computational Thinking to Their Students.*  
Chair: Dr. S Park
4. **Dorothy Holley** (Science Ed) *Investigating Factors Impacting Commitment and Retention of Mid and Late Career High School Science Teachers in North Carolina.*  
Chair: Dr. S Park
5. **Amber Smith** (Mathematics & Statistics Ed) *Personal and Environmental Factors that Impact the Success of African-American High School Students in Mathematics.*  
Chair: Dr. K A Keene
6. **Brittney Black** (Mathematics & Statistics Ed) *Exploring the Relationships between Mathematical Identity and Racial Identity of Middle School Black Girls.*  
Co-Chairs: Dr.s L V Stiff and K F Hollebrands > Co-Chairs: Dr.s KF Hollebrands & J Wilson
7. **Alonzo Alexander** (Science Ed) *The Effects of Repeated Participation in STEM Outreach.*  
Chair: Dr. E Wiebe
8. **Michele Cudd** (Mathematics & Statistics Ed) *An Exploratory Case Study of Prospective Teachers' Support of Student Thinking During Rehearsals.*  
Chair: Dr. K F Hollebrands

## Round 1: Presentations

5:15-5:45 p.m.

All presentations are 5 minutes, immediately followed by 2 minutes of questions, unless indicated otherwise. All 8 - minute presentations are also followed by 2 minutes of questions. Names that are bolded will also serve as a Presider in a different session

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| <p><b>Room 1: Informal Learning</b><br/>           Presiding: Megan Morin<br/>           Faculty Members Attending:<br/>           Dr. Eric Wiebe &amp; Dr. Marissa Sloan</p> <ol style="list-style-type: none"> <li>1. <b>Daniel Bates</b></li> <li>2. <a href="#">Stephanie Teeter</a> (8 minutes)</li> <li>3. Aparajita Rajwade</li> </ol>         | <p><b>Room 5: Student Success</b><br/>           Presiding: Vance Kite<br/>           Faculty Members Attending:<br/>           Dr. Hollylynne Lee &amp; Dr. Steven Miller</p> <ol style="list-style-type: none"> <li>1. <a href="#">Karen Collier</a></li> <li>2. <a href="#">Mariam Elias</a></li> <li>3. Corey White</li> </ol>   |
| <p><b>Room 2: Undergraduate Student Focus</b><br/>           Presiding: Shana McAlexander<br/>           Faculty Member Attending:<br/>           Dr. Robin Anderson</p> <ol style="list-style-type: none"> <li>1. Katie Floyd</li> <li>2. <a href="#">Luke B Carman</a></li> <li>3. <a href="#">Gary Wright</a></li> </ol>                           | <p><b>Room 6: Teacher Beliefs</b><br/>           Presiding: Jonathan Lopez Torres<br/>           Faculty Member Attending:<br/>           Dr. Tamecia Jones</p> <ol style="list-style-type: none"> <li>1. Teena Coats</li> <li>2. Emily Elrod</li> <li>3. Zachary Vaskalis</li> </ol>  |
| <p><b>Room 3: Teacher Characteristics &amp; Choices</b><br/>           Presiding: Katie McCance<br/>           Faculty Members Attending:<br/>           Dr. Erin Krupa &amp; Dr. Kevin Sutton</p> <ol style="list-style-type: none"> <li>1. <b>Arif Rachmatullah</b></li> <li>2. <a href="#">Pam Huff</a></li> <li>3. <b>David Stokes</b></li> </ol> | <p><b>Room 7: Teacher Technology Focus</b><br/>           Presiding: Dorothy Holley<br/>           Faculty Members Attending:<br/>           Dr. Soonhye Park &amp; Mr. Parks Newby</p> <ol style="list-style-type: none"> <li>1. <a href="#">Heather Barker</a></li> <li>2. <a href="#">Jerome Amedu</a> (8 minutes)</li> <li>3. <a href="#">James Smiling</a></li> </ol> |
| <p><b>Room 4: Middle School</b><br/>           Presiding: Alonzo Alexander<br/>           Faculty Member Attending:<br/>           Dr. Cyndi EdgingtonRegina</p> <ol style="list-style-type: none"> <li>1. <a href="#">Regina Ayala Chavez</a></li> <li>2. Kathryn Rende</li> <li>3. <b>Elyse Smith</b></li> </ol>                                    |  |

## Round 2 Presentations

5:50-6:20 p.m.

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| <p><b>Room 8: Improving or Integrating STEM</b><br/>Presiding: Amber Smith<br/>Faculty Members Attending:<br/>Dr. Nolan Fahrer &amp; Dr. Matt Reynolds</p> <ol style="list-style-type: none"><li>1. <a href="#">Joey Marion</a></li><li>2. <a href="#">Erik Schettig</a></li><li>3. <a href="#">Melissa Schug</a></li><li>4. Constance Boahn</li></ol> | <p><b>Room 11: Graduate Students/Professionals</b><br/>Presiding: Daniel Bates<br/>Faculty Member Attending:<br/>Dr. KC Busch</p> <ol style="list-style-type: none"><li>1. <b>Katie McCance</b></li><li>2. Minnie Webster</li><li>3. Rebecca Ward</li></ol>                                |
| <p><b>Room 9: High School Teachers</b><br/>Presiding: Elyse Smith<br/>Faculty Member Attending:<br/>Dr. Cesar Delgado</p> <ol style="list-style-type: none"><li>1. <a href="#">JP Mannix &amp; Brianna Bentley</a> (8 mins.)</li><li>2. LaToya Brewer</li><li>3. Teri Hoffman</li></ol>  | <p><b>Room 12: Informal Focus</b><br/>Presiding: Arif Rachmatullah<br/>Faculty Members Attending:<br/>Dr. Aaron Clark and Dr. Carla Johnson</p> <ol style="list-style-type: none"><li>1. Lynn Chesnut</li><li>2. <a href="#">Megan Morin</a></li><li>3. <a href="#">Katy May</a></li></ol> |
| <p><b>Room 10: Undergraduate Students</b><br/>Presiding: Aparajita Rajwade<br/>Faculty Members Attending:<br/>Dr. Gail Jones &amp; Dr. Brian Matthews</p> <ol style="list-style-type: none"><li>1. <a href="#">Grace Carroll</a></li><li>2. Madeline Hinckle</li><li>3. <a href="#">Mwenda Kudumu</a></li></ol>  | <p><b>Room 13: Teacher Professional Growth</b><br/>Presiding: Gary Wright<br/>Faculty Member Attending:<br/>Dr. Cameron Denson</p> <ol style="list-style-type: none"><li>1. <a href="#">Emma Refvem</a></li><li>2. <a href="#">Michael Hoyes</a></li><li>3. Juliana Nieuwsma</li></ol>     |

[Courtney "Taylor" NeSmith](#)

[John Howe](#)