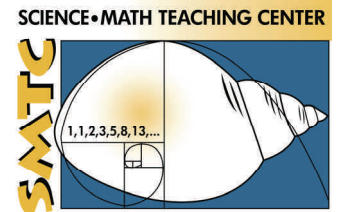


SMTC Graduate Students Defending Spring/Summer 2017

Master of Science in Natural Science Degrees:



Natural Science Education (NED)

Sophia May — *Implementing the Next Generation Science Standards: Identifying Emergent Themes and Characteristics in Remote Rural Middle-Level Science Classrooms*
When: February 15, 2017, 2 pm Location: STEM 117
Chair: Ana Houseal

Thomas Duggan — *The Non-Performance Based Outcomes of Garden Based Learning: A Literature Review*
When: February 24, 2017, 8:30 am Location: ED 117
Chair: Kate Welsh

Emma Griffin — *The Role of Critical Pedagogy in Place-Based Education: An Extensive Literature Review*
When: April 11, 2017, 8:30 am Location: STEM 117
Chair: Samara Akpovo, Co-chair: Sylvia Parker

Nicole Gautier — *The Development of a Curriculum Framework for Field Studies Programs Using the Theories of Environmental and Experiential Education*
When: April 14, 2017, 10 am Location: Berry Center 227
Chair: Ana Houseal

Kaitlyn Bunting — *Creating a Context-Adapted Evaluation Tool for the UW Outdoor Leadership Development Program*
When: April 19, 2017, 8 am Location: WH445
Chair: Ana Houseal

Dorothy Jablonski — *NGSS and Science Museums: How Learning Progressions can Inform Curriculum Design*
When: April 28, 2017, 9 am Location: ED 117
Chair: Ana Houseal

Anna Luhrmann — *Common Educational Themes, Practices, and Theories Used by Conservation Centers*
When: May 4, 2017, 2 pm Location: STEM 117
Chair: Tonia Dousay



Students in an SMTC graduate seminar on a field trip to The Meadow, fall 2016.

NED (continued)

Alfonso Orozco — *Analysis of Latino Outdoors' Organizational Performance: A Multiple Constituency Approach*
When: May 8, 2017, 3 pm Location: STEM 117
Chair: Courtney Carlson

Claire Ratcliffe — *How Students, Schools, and the Community Benefit from Garden-based Education: A Framework for Developing a Garden-based Education Center*
When: May 9, 2017 Location: TBD
Chair: Kate Muir Welsh

Thomas Desiderio — *Conceptual Change Theory Facilitates Acquisition of Collaborative Environmental Problem Solving Skills*
When: Summer 2017 Location: TBD
Chair: Timothy Slater

Middle Level Science (MSC)

Victoria Davis — *Curriculum Alignment and Science and Engineering Practices in the Classroom*
When: April 17, 2017, 3 pm Location: WH445
Chair: Ana Houseal

Angela Ochsner — *Answering DuFour's Fourth Essential Question of PLCs in a 7th Grade Life Science Classroom*
When: May 12, 2017, 10 am Location: TBD
Chair: Ana Houseal

John Olson — *Enhancing Science Pedagogy with the Nature of Science*
When: August 2017 Location: TBD
Chair: Andrea Burrows

Maryellen Amen — *Is this more than a field trip? Exploring Memories of Teton Science Schools 20 Years Later*
When: Summer 2017 Location: TBD
Chair: Ana Houseal

Middle Level Math (MMA)

Nanna Rexroat-Frazier — *Best Practices in Co-Teaching Math, Teacher Efficacy, and Teacher & Student Perceptions*
When: January 27, 2017, 12 pm Location: WH 445
Chair: Scott Chamberlain

Tanya Harris — *Teaching Middle School At-Risk Students Arithmetic Fluency in a Master Teacher Tutoring Environment*
When: April 24, 2017, 10 am Location: WH445
Chair: Suzie Young

Kelly Hawkinson — *A Study in Coding: Cognitive and Affective Change in Upper Elementary Students*
When: May 5, 2017, 12 pm Location: WH445
Chair: Scott Chamberlin