

Michael Morrow

Department of Mathematics, University of Kentucky
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EDUCATION

University of Kentucky (Mathematics Ph.D. Program)

August 2019 - Present

Research focus: Computational commutative algebra

Advisor: Uwe Nagel (website: <http://www.ms.uky.edu/~uwenagel/>)

Central Washington University (B.S. Mathematics)

June 2017 - June 2019

Everett Community College

September 2015 - June 2017

ACADEMIC FIELD EXPERIENCE

University of Kentucky Graduate Teaching Assistant

August 2019 - Present

Recitation leader (TA)

Kittitas Valley Math Circle

September 2017 - June 2019

Explored mathematical problem solving with students, teachers and parents

Math Tutor (Everett Community College)

2016-2017 School Year

Tutored college students in Calculus 1-4 and Linear Algebra

UK Julia Robinson Math Festival 2019

PRESENTATIONS & TALKS

Mt. Stuart Math Seminar

“Perfect Subsets of the Unit Interval: Some Surprising Results about the Real Numbers”

Central Washington University, April 2019

See https://michaelmorrow.org/files/chipset_pres.pdf

Master’s Presentation

“Equivariant Gröbner Bases”

University of Kentucky, April 2021

See https://michaelmorrow.org/files/masters_pres.pdf

Qualifying Exam

“Finite Computation of Gröbner Bases for OI -Modules”

University of Kentucky, December 2021

See https://michaelmorrow.org/files/qual_pres.pdf

TEACHING

Here are some courses I have taught at the University of Kentucky.

As recitation leader:

- MA109 College Algebra
- MA110 Algebra and Trig for Calculus
- MA123 Elementary Calculus
- MA137 Calc for Life Sciences
- MA162 Finite Math
- MA213 Calculus III