Contact Information	<i>Email:</i> tmurray11@huskers.unl.edu	
Education	University of Utah, Salt Lake City, Utah, USA BS, May 2020.	
	University of Nebraska-Lincoln, Lincoln, Nebraska, USA MS, August 2023.	
	University of Nebraska-Lincoln, Lincoln, Nebraska, USAPh. D., 2021-now. Advisor: Jack Jeffries.	
Service and		
Orginization	 Co-organizer: CARS, Commutative Algebra Reading Seminar, University of Nebraska-Lincoln, 2023. Co-organizer: URiCA, Upocoming Researchers in Commutative Algebra 2022-present. 	
Honors and Awards	 Dean's List, University of Utah, Salt Lake City, Utah, 2019-2020. Outstanding Qualifying Exam, University of Nebraska-Lincoln, 2022. Graduate Research Assistant, University of Nebraska-Lincoln, Summer 2023. Commutative Algebra at Nebraska RTG Traineeship, University of Nebraska-Lincoln, Fall 2024. 	
Seminar Talks	 An Introduction to DG Algebras and DG Modules, CARS, Commutative Algebra Reading Seminar, University of Nebraska-Lincoln, 2021. What is Local Cohomology?, CARS, Commutative Algebra Reading Seminar, University of Nebraska-Lincoln, 2022. What is Local Cohomology?, CARES, Commutative Algebra Regional Expository Seminar, Zoom, 2022. Differential Operators and Local Cohomology, CARS, Commutative Algebra Reading Seminar, University of Nebraska-Lincoln, 2023. Graded Local Cohomology and *Bass Numbers, CAS, Commutative Algebra Seminar, University of Nebraska-Lincoln, 2023. Injective Dimension of Big Modules, CARS, Commutative Algebra Reading Seminar, University of Nebraska-Lincoln, 2023. 	

INVITED TALKS

	 ics Graduate Student Conference, K Graded Local Cohomology and Graded Seminar, Purdue University, April 20 Graded Local Cohomology and Graded 	 Numbers, KMGSC, Kansas Mathemat- ansas University, December 2023. ed Bass Numbers, Commutative Algebra 024. ded Bass Numbers, URiCA, Upcoming a, University of Nebraska-Lincoln, May 	
TEACHING	Math Conton Tuton	August 2018 August 2021	
EXPERIENCE	Math Center Tutor - University of Utah in Salt Lake City	August 2018 - August 2021	
	 Tutored students in a diverse number of topics, including but not limited to: Calculus 1-3, differential equation, linear algebra, discrete mathematics, number theory, and real analysis. 		
	- During predesignated times of the week, I exclusively tutored for undergrad- uate real analysis courses.		
	Math Center Grader	August 2018 - August 2021	
	 University of Utah in Salt Lake City, Utah. Supplied aid to professors by grading homework or exams. Graded homework in the following subjects: quantitative reasoning, colleg algebra, trigonometry, calculus 2, differential equations, and real analysis. 		
	University of Nebraska-Lincoln		
	- MATH 106 Calculus 1, Fall 2021.		
	Role: Recitation Leader. Description: Students learn about limits, differentiation, continuit, applications of derivatives, and the basics of integrals.		
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	- MATH 106 Calculus 1, Spring 2022.		
	Role: Recitation Leader.		
	applications of derivatives, and	about limits, differentiation, continuity, the basics of integrals.	
	- MATH 106 Calculus 1, Spring	2022.	

- Graded Local Cohomology and *Bass Numbers, Algebra Days Conference,

Role: Recitation Leader.

Description: Students learn about limits, differentiation, continuity, applications of derivatives, and the basics of integrals.

- MATH 106 Calculus 1, Summer 2022.

Role: Recitation Leader.

Description: Students learn about limits, differentiation, continuity, applications of derivatives, and the basics of integrals.

- MATH 203 Contemporary Mathematics, Fall 2022.

Role: Instructor of Record

Description: Students attain basic understanding and familiarity of statistical methods, voting theory, disease modeling, and graph theory.

- MATH 101 College Algebra, Spring 2023.

Role: Instructor of Record.

Description: Students learn about basic operations of functions. They also gain an understanding of linear, exponential, logarithmic, polynomial, and rational functions as well as how to apply their understanding to real-world examples.

- MATH 101C Corequisite College Algebra, Fall 2023.

Role: Instructor of Record.

Description: Students learn about basic operations of functions. They also gain an understanding of linear, exponential, logarithmic, polynomial, and rational functions as well as how to apply their understanding to real-world examples. In addition, interspersed throughout the course are relevant background topics to aid in student understanding.

- MATH 314 Linear Algebra, Spring 2024.

Role: Instructor of Record.

Description: Students learn about systems of equations, Gaussian elimination, determinants, characterizations of invertible matrices, vector spaces over the real numbers, dimension of vector spaces, linear transformations, change of basis, eigenvalues, and eigenvectors.

- MATH 314 Linear Algebra, Summer 2024.

Role: Instructor of Record.

Description: Students learn about systems of equations, Gaussian elimination, determinants, characterizations of invertible matrices, vector spaces over the real numbers, dimension of vector spaces, linear transformations, change of basis, eigenvalues, and eigenvectors.