

CONGRATULATIONS,
JAYHAWKS!



DEPARTMENT OF MATHEMATICS
COMMENCEMENT 2020



Congratulations!

Congratulations on your achievements over the past four years that has culminated in your receiving a degree in Mathematics. In the past, we have held a ceremony to celebrate this achievement. Unfortunately this year we will not be able to do this. In keeping with tradition, we would still like to present you with a gift.

You have earned a degree that helps one develop analytical skills and the ability to work in a problem-solving environment. Mathematics is a key element of subjects in business, finance, actuarial science, economics, engineering, computer science, education, medicine, biology, chemistry and physics that teach students a number of applicable skills that are attractive to a number of professional fields. Employers appreciate the skills of data analysis and the innovative, original thinking that can be taught in a math degree. We hope you are able to pursue careers, advanced education, or entrepreneurial endeavors that are challenging and rewarding. We wish you the best.

Weizhang Huang, Chair
Erik Van Vleck, Associate Chair





Recognition Ceremony for Undergraduate Students
Graduating with Degrees in Mathematics

**Distinction/Highest Distinction
Candidates**

Matthew Cavender

Sherman Choi

Darien Crum

Pierce Giffin

Anna Goddard

Benjamin Hawkins

Andre Kurait

Lisa Lauschke

John Pace

Raymond Tollison

Xinyun Yu

Department Honors



Pierce Giffin

Asher Supernaw

Graduates for Spring 2020

Austin Adams
Hunter Atkinson
Veranna Bauske
Jonah Berggren
Derek Burrows
Matthew Cavender
Sherman Choi
Darien Crum
Yuan Fang
Clarence Gartman
Pierce Giffin
Anna Goddard
Benjamin Hawkins
Odalis Hernandez
Cody Johnson
Mauryn Kennedy
Lydia Kliewer
Andre Kurait
Shaun Levy
Jinke Li
Sihao Liu
Nuraly Mammedov
Quinn Meier
Lane Nations

Douglas Newman
John Pace
Thomas Parra
Ying Pei
George Ponko
Joseph Price
Xiaoyu Pu
Hongtian Ren
Kasey Sadler
Sarah Schwind
Michael Selbert
Emma Shippee
Robert Simpson
Lauren Stich
Gabriella Sudbeck
Asher Supernaw
Daniel Tady
Nicholas Taylor
Raymond Tollison
Christopher Tomkins
Aaron Vajnar
Huaxuan Wang
Siqi Wu
Ian Yake
Xinyun Yu

Graduates for Fall 2019

Kevin Benton
Daniel Gonzalez
Li Guan
John Hunt
Lisa Lauschke
Yishuang Wang



Graduates for Summer 2019

Robert Hathaway III



Recognition of Graduate Students
Who Received Advanced Mathematics Degrees

Master's Degree

May 2020

Trevor Arrigoni
Emma Colaric
Mark Denker
Souvik Dey
Conner Emberlin
John Mangles
Abraham Pascoe
Tommy Stoller
Xiang Xu

December 2019

Abba Ramadan





Ph.D. Degree

May 2020

Justin Lyle

Research area: Commutative Algebra

Thesis: *Homological Properties of Structures in Commutative Algebra and Algebraic Combinatorics*

Advisor: Hailong Dao

First job: Visiting Assistant Professor, University of Arkansas, Fayetteville

December 2019

Yanhao Cui

Research area: Probability

Thesis: *A General Stochastic Volatility Model on VIX Options*

Advisor: Terry Soo / Yaozhong Hu

Nicholas Ma

Research area: Probability

Thesis: *Hermite Variations of the Fractional Brownian Motion and the Stochastic Heat Equation Driven by a Rough Time Fractional Gaussian Noise*

First job: Data Scientist, Cerner Corporation

August 2019

Satbir Malhi

Research area: Partial Differential Equations

Thesis: *Optimal Energy Decay for the Damped Klein-Gordon Equation*

Advisor: Milena Stanislavova

First job: Visiting Assistant Professor, Franklin and Marshall College

Fazel Hadadifard

Research area: Partial Differential Equations/Long-time Behavior

Thesis: *Sharp Time Asymptotics for the Quasi-Geostrophic Equation, the Boussinesq System and Near Plane Waves of Reaction-Diffusion Models*

Advisor: Atanas Stefanov

First job: Visiting Assistant Professor, University of Drexel

