

Below are more specific research areas along with the names of faculty members most closely involved, for the 2015-2016 academic year.

Algebraic and Geometric Topology <ul style="list-style-type: none">▪ Laura Anderson▪ Robert Bieri▪ F. Thomas Farrell▪ Ross Geoghegan▪ Andrey Gogolev▪ Christoforos Neofytidis▪ Tam Nguyen-Phan▪ Pedro Ontaneda▪ Matthew Zaremsky	Graph Theory <ul style="list-style-type: none">▪ William Kazmierczak▪ Vaidyanathan Sivaraman▪ Thomas Zaslavsky
Algebra related to logic and computer science <ul style="list-style-type: none">▪ Fernando Guzman	Group Theory <ul style="list-style-type: none">▪ Robert Bieri▪ Joseph Brennan▪ Benjamin Brewster▪ Matthew Brin▪ Ross Geoghegan▪ Fernando Guzman▪ Luise-Charlotte Kappe▪ Marcin Mazur▪ Matthew Zaremsky
Arithmetic Algebraic Geometry <ul style="list-style-type: none">▪ Alexander Borisov▪ Daniel Vallieres▪ Adrian Vasiu	Nonparametric Statistics <ul style="list-style-type: none">▪ Anton Schick▪ Zuofeng Shang
Bayesian Statistics <ul style="list-style-type: none">▪ Zuofeng Shang▪ Ganggang Xu	Number Theory <ul style="list-style-type: none">▪ Alexander Borisov▪ Luise-Charlotte Kappe▪ Marcin Mazur▪ Daniel Vallieres▪ Adrian Vasiu
Combinatorial Geometry <ul style="list-style-type: none">▪ Laura Anderson▪ Thomas Zaslavsky	Partial Differential Equations <ul style="list-style-type: none">▪ Magdalena Czubak

Combinatorics

- Laura Anderson
- William Kazmierczak
- Vaidyanathan Sivaraman
- Thomas Zaslavsky

- Paul Loya
- Peng Shao
- Xiangjin Xu

Geometric Analysis

- Magdalena Czubak
- Andrey Gogolev
- Ye Li
- Paul Loya
- Tam-Phan Nguyen
- Pedro Ontaneda
- Peng Shao
- Xiangjin Xu

Probability and Statistics

- Withanage De Mel
- Vladislav Kargin
- Aleksey Polunchenko
- Xingye Qiao
- Anton Schick
- Grigory Sokolov
- Ganggang Xu
- Qiqing Yu

Representation Theory

- Alex Feingold
- Dikran Karagueuzian

Geometric Group Theory

- Robert Bieri
- Matthew Brin
- Ross Geoghegan
- Fernando Guzman
- Matthew Zaremsky

Statistical Learning and Data Mining

- Xingye Qiao
- Ganggang Xu

Geometry of Manifolds

- F. Thomas Farrell
- Andrey Gogolev
- Christoforos Neofytidis
- Tam Nguyen-Phan
- Pedro Ontaneda

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