

THE SUMTIMES



Fall 2022



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Apparel Photo

Graduate students flaunting this year's apparel design.



Welcome MEET THE FIRST YEARS - PART 2 hello

Elizabeth Brass



Name: Liz Brass.
Hometown: Stillwater, Minnesota.
Previous Degree: BA in Math and General Engineering from Smith College.
Why UIowa?: I came to UIowa for the AMCS program. I liked that I could incorporate my interest in Electrical Engineering into my degree.
Research Interest: I am currently interested in signal/image processing.
Hobbies: I like to play video games and play Magic: the Gathering. Whether books or movies, I'm a big fan of sci-fi, fantasy, and horror.
Favorite Place in Iowa City: Either the Public Library or Prairie Lights for coffee.
Over the Summer: I worked at a circuit testing company helping automate the data science for their engineers.
After UIowa: I would like to work in industry, preferably somewhere I can have a good work life balance.

Abdul Shabeer



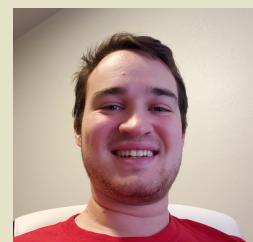
Name: Abdul Shabeer
Hometown: Chennai, India
Previous Degree: BS-MS in Math with a minor in CS from NISER, Bhubaneswar.
Why UIowa?: Wanted to understand Mirror Symmetry.
Research Interest: Topology and Geometry
Hobbies: Reading, video games, table tennis, occasional cooking, exploring the city and its food.
Favorite Place in Iowa City: Downtown
Over the Summer: Got some well needed rest before starting grad school.
After UIowa: Hopefully do some geometry.

Bakhtiar Ahmed



Name: Bakhtiar Ahmed
Hometown: I am from Quetta, Pakistan.
Previous Degree: I have a master's degree from Quaid-i-Azam University, Islamabad, Pakistan.
Why UIowa?: I got a Fulbright PhD scholarship and the Institute of International Education (IIE) in New York decided for me that the University of Iowa would be a good fit. I agree with their choice.
Research Interest: The development of algorithms to answer theoretical questions in group theory and for doing concrete computations in GAP is of interest to me.
Hobbies: I like mountain biking, hiking, and camping.
Favorite Place in Iowa City: I like the peace and quiet of sitting on the stairs of the old-Capitol building in the evening.
Over the Summer: I had a teaching job. I'd been teaching for three years at a junior college in my hometown after my master's degree before coming to Iowa.
After UIowa: I'm contractually bound by Fulbright (my sponsor) to return to my teaching job after the completion of my degree.

James Hay



Name: James Hay
Hometown: Aledo, IL
Previous Degree: BS in Mathematics & BS in Chemistry from St. Ambrose University
Why UIowa?: Close to home, beautiful campus and different areas of applied mathematics within different fields like biology, engineering, or computer sciences.
Research Interest: PDEs for right now but might change
Hobbies: Watching movies, sports, and video games
Favorite place in Iowa City: I haven't been to many places yet, but I would have to say the Pentacrest or the Ped Mall.
Over the Summer: I worked as a head lifeguard at a local pool
After UIowa: I hope to go into an industry job somewhere, hopefully related to aerodynamics in some way

Welcome MEET THE FIRST YEARS - PART 2 hello

Victoria Valdez



Name: Victoria Valdez

Hometown: Colima, Mexico

Previous Degree: University of Colima, Math.

Why Ulowa? Because of the great researchers working on applied math.

Research Interest: Bio math.

Hobbies: I like painting and I playing the violin.

Favorite Place in Iowa City: The music building!

Over the Summer: I enjoyed my vacations with my family before traveling to USA.

After Ulowa: I want to do research and probably work in the industry.

Dylan Johnson



Name: Dylan Johnson.

Hometown: Bainbridge, NY.

Previous Degree: I earned a B.S. in Chemistry from Western Carolina University and an M.A. in Mathematics from the University of Toledo.

Why Ulowa? I decided to come to Ulowa because several of my professors at UToledo spoke highly of the Math Department here.

Research Interest: My main research interests right now are Matrices with Quaternion entries and Operator Theory.

Hobbies: My two favorite hobbies are composing music and lifting weights.

Favorite Place in Iowa City: My favorite place in Iowa City is the river trail in Hubbard Park.

Over the Summer: I spent most of my summer playing with my kids.

After Ulowa: After I leave Ulowa I want to go swimming.

Hemanth Kumar Mandya Nagaiah



Hometown: Karnataka, India

Previous Degree: Alliance University, India -- Bachelor of Technology in Aerospace Engineering

Auburn University, USA -- MS in Aerospace Engineering

University of Tennessee at Chattanooga, USA -- MS in Applied Mathematics

Why Ulowa? MATH BIO research is extensive at Ulowa which I am interested in and of course to explore new place.

Research Interest: MATH BIO, to be specific applied topology/applied TDA.

Hobbies: Table Tennis, Chess, Volleyball, Badminton, Hiking and MMA.

Favorite Place in Iowa City: IMU

Over the Summer: Lot of trips with my childhood friends in India.

After Ulowa: I am not sure yet, but either postdoc or join research laboratories.

Yutian He



Name: Yutian He

Hometown: Beijing, China

Previous Degree: Master degree: Northeastern University (Boston), MS Bachelor degree: Beijing Forestry University, BS

Why Ulowa? It is a good university with nice professors and programs, and Iowa City is a perfect place to live.

Research Interest: Biomath and optimization.

Hobbies: Dancing, tennis, badminton, reading, swimming, and hiking. **Favorite Place in Iowa City:** University of Iowa.

Over the Summer: Study for the qualifying exam.

After Ulowa: Being a teacher in college.



TALENTS AND HOBBIES



Joey Small



Joey loves to create music. His living room is a typical musician's room!

Nitesh Mathur



Nitesh loves to play violin and he plays in concerts. Left one is from Spring 2022 and right one is from Halloween concert Fall 2022, Voxman.

Yariana Diaz



Yari sings in choir. These pics are from her last year's recital.





TALENTS AND HOBBIES

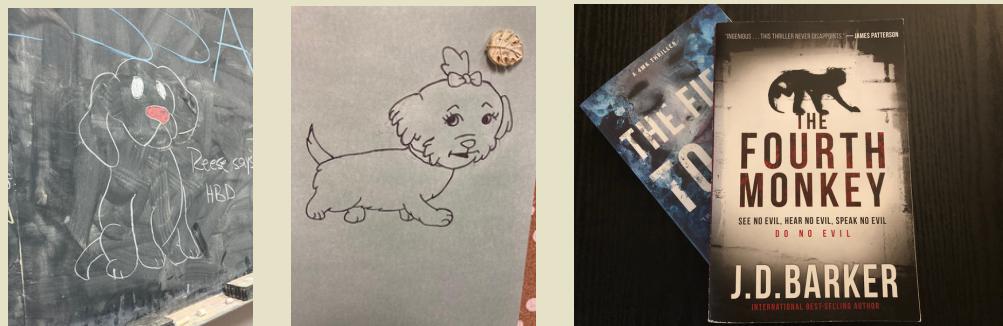


Margarita Bustos Gonzalez



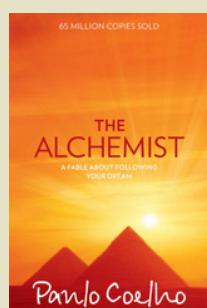
Margarita loves to grow plants. Here are some of her babies.

Adriana Fernandez I Quero



Adriana loves to read and draw. These are some of hers cute drawings. Her favorite books are trilogy of the Fourth Monkey by J.D. Barker. She is also an amazing volleyball player. Pictures featuring her playing the sport are in the sports section.

Nikita Kapur



Nikita has few hobbies, though she is a real novice in all of them. Reading, sketching/drawing and bird watching are some of her hobbies. The Alchemist by Paulo Coelho is her favorite book.





TALENTS AND HOBBIES



Cody Gilbert



Cody has two talents: falling asleep in the office and raising eyebrows up to the sky.

Elise Askelsen



Elise loves to bake and play sports. She baked this scrumptious cake for a Power(-less)puff girl. She ran a race with none other than beautiful Jessa!

Do check the pictures of them playing volleyball in the sports section.

Josè David Beltran Lizarazo



Josè loves to sing and play guitar.

Praneel Samantha



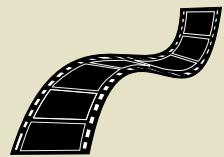
Praneel loves music and singing.





TALENTS AND HOBBIES

Casey's Photography



Casey Stone



Casey loves photography. Here are some of her splendid clicks!





SPORTS



Featuring graduate students who have sports as their hobby.

VOLLEYBALL VIRTUOSOS



Players: Adriana Fernandez I Quero, Elise Askelsen, Garrett Mason, Parker Evans, Matthew Barber, Jessa Rhea, Joseph Sauder and Manuel Albrizzio.

BADMINTON BUGS



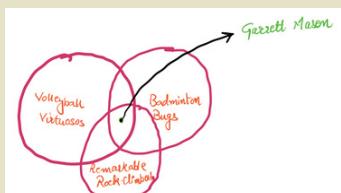
Players: Margarita Bustos Gonzalez, Shashank Singh, Garrett Mason (photographer) and Nick (undergrad). There are other players who are not in these pics but enjoy the sport: Yilin Zhu, Juan Felipe Ariza Mejia and Nitesh Mathur.

REMARKABLE ROCK CLIMBERS



Rock Climbers: Kerry Tarrant, Shashank Singh, Garrett Mason and Edward White (photographer).
These rock climbers are thinking of opening a rock climbing club, please contact Eddie if you would like to join.

We hence have the following intersection. :P

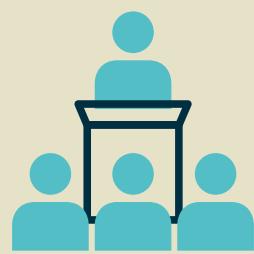


And that is how math chose MGB's new chair!





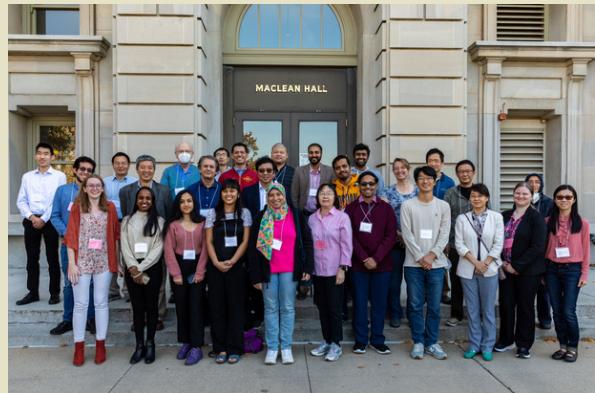
CONFERENCES



PDE Conference



Midwest PDE Conference:
University of Missouri, 2022



Iowa PDE Conference 2022.

Field of Dreams Conference



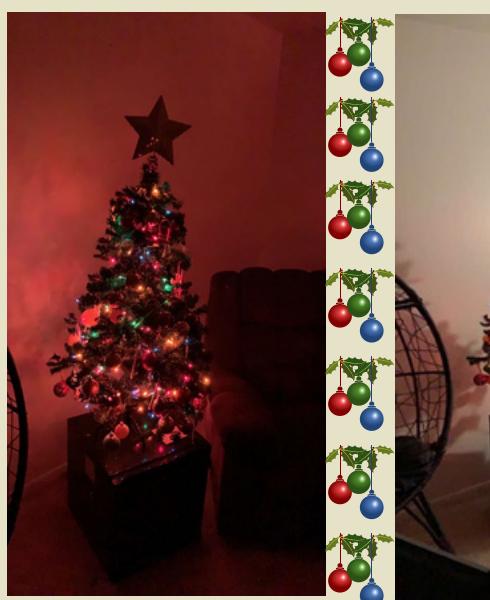
Natalie, Yari, and Manny went to the Field of Dreams conference in Minnesota a few weeks ago. They went through some workshops and helped with recruiting graduate students for the math department. Here is a photo of them having some Korean food after the second day of the conference.



Christmas Decor



Christmas decor ideas by a beloved graduate student. She wishes everyone Merry Christmas!





MGB 2023



Chair: Garrett Mason

Vice-Chair: Adriana Fernandez I Quero

Graduate Liaison: Elise Askelsen

GAUSS: Dylan Johnson & Joe Sauder

Heartland: Eddie White

International Liaison: Nikita Kapur

Newsletter: Jessa Rhea & Margarita Bustos Gonzalez

Social: Jacob Van Grinsven & Kitrick Fynaardt

Webmaster: Joe Starr

Travel Funding Committee: Matthew Barber, Dylan Johnson, Javier Flores Arjona, & Hemanth Kumar

GLC: Adriana Fernandez I Quero, Parker Evans, & Paria Karimi Kousalari

Congratulations



OTHER NOTES



Good luck with finals!

Have a wonderful break and holiday season!

Nikita & Claire



MERRY
CHRISTMAS

AND

HAPPY
NEW YEAR

2023

