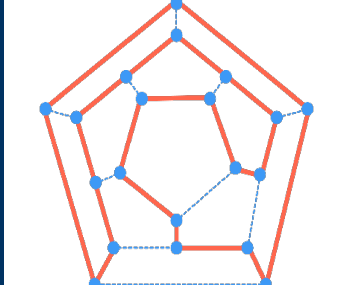


# MATHEMATICS UNDERGRADUATE STUDENT ASSOCIATION

2020  
2021

SPONSORSHIP  
PACKAGE



# ABOUT US

## Who we are:

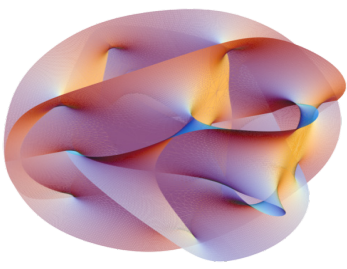
**The Mathematics Undergraduate Student Association (MUSA)** is a registered Student Organization at the University of California, Berkeley. We are a group of Math majors, Math enthusiasts, and Math community members. We are open to everyone interested in Mathematics, no matter your level of mathematical maturity.

## What we do:

Our goals are to instill a strong passion for mathematics, to build and represent the Math community, and to enrich our Berkeley community and beyond.

MUSA acts as an intermediary between the Undergraduate Mathematics Student Population and the Mathematics Department Faculty, connecting the two groups together. We support the Berkeley math community with resources in academic and professional development, community building and outreach, and math events and competitions. Meanwhile, we provide our professors with a student perspective.





# EVENTS & PROGRAMS

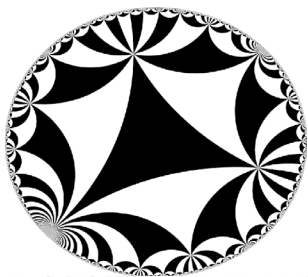
## Our events

1. Math Mondays: a weekly talk by faculty and graduate about their research
2. Thursday Socials: A weekly community building event for our students to talk about math and to build a tight-knit community
3. Study Halls/Office hours: Held everyday as additional support to our community
4. General Meetings: a variety of events like alumni panels, student-faculty dinners, recreational math nights, talks by external academics, diversity panels, and board game nights

## Our Programs

1. Berkeley Undergraduate Math Mentoring Program (BUMP) – a mentorship program created in order to link underclassmen with upper-classmen, to help people find their way in the math department
2. Shadow a Math Major – a day for prospective students to pair with with an undergraduate student, in order to give them an additional perspective on math at Berkeley and learn about opportunities in the math department.
3. Math 74 (Transition to Upper Division Mathematics) - a class run by MUSA in order to help students become more accustomed to the proof like nature of upper division mathematics classes

The image depicted on the top left is an attempt at visualizing a Calabi-Yau manifold, with important applications in physics. Notably, in superstring theory, extra dimensions are wrapped together in shapes such as these. These forms live in at least 6D space



# SPONSORSHIP SUMMARY

## How will your sponsorship make a positive difference?

Sponsoring helps us achieve the following goals:

1. Develop a strong mathematical community among undergraduates
2. Promoting equity and voicing opinions of the undergraduate mathematics community to the Berkeley math department
3. Subsidize the cost for students on Shadow a Math Major Day so that underrepresented minorities can also attend
4. Conduct professional development events for undergraduates
5. Instill a sense of passion and confidence towards mathematics

## Why should you sponsor?

Sponsors gain the following benefits:

1. Displaying your logo on various materials we publish
2. Publicizing events through our mailing list which reaches over 1000 students in the undergraduate mathematics community
3. Access to resumés submitted by undergraduate math majors
4. Potential to host events and dinners for MUSA members

## Get in touch!

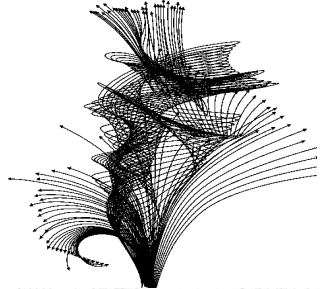
If you have questions about sponsorship, feel free to email our Professional Chairs:

Karan Dhir at [karan.dhir@berkeley.edu](mailto:karan.dhir@berkeley.edu)

Tina Li at [tinaxli@berkeley.edu](mailto:tinaxli@berkeley.edu).

The image depicted on the top left is a depiction of the Poincaré disk model of the hyperbolic plane, in which the entire plane is fit within the unit circle. A circle in this model is any line which is orthogonal with the unit circle. Notably, lines are curved and parallel lines are not of a constant distance.





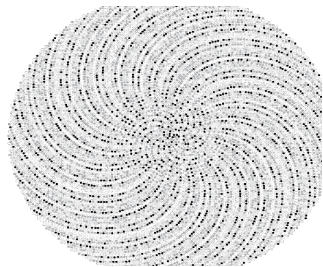
# SPONSORSHIP LEVELS

	<b>Pythagoras</b> <b>\$100–\$199</b>	<b>Leibniz</b> <b>\$200–\$499</b>	<b>Euler</b> <b>\$500–\$999</b>	<b>Cauchy</b> <b>\$1000–\$1999</b>	<b>Noether</b> <b>\$2000+</b>
<b>Logo on website</b>	✓	✓	✓	✓	✓
<b>Publicise through Merchandise</b>		✓	✓	✓	✓
<b>Access to Mailing List</b>		✓	✓	✓	✓
<b>Logo on Flyers</b>			✓	✓	✓
<b>Resume Drop Access</b>			✓	✓	✓
<b>Access to MUSA Events</b>				✓	✓
<b>Co-host MUSA events</b>					✓

## CUSTOM PACKAGES

If you feel that none of these packages are right for you, contact us at [karan.dhir@berkeley.edu](mailto:karan.dhir@berkeley.edu) and [tinaxli@berkeley.edu](mailto:tinaxli@berkeley.edu)

The image depicted on the top left is a vector field, describing the behavior of a partial differential equation. In particular, this demonstrates the chaotic behavior of the partial differential equation, as initial starting conditions that are in the same neighborhood rapidly diverge in an unpredictable manner.



# FREQUENTLY ASKED QUESTIONS

## How can we pay?

We offer a variety of payment options: check, card, or wire transfer. If you need an invoice, email us at [karan.dhir@berkeley.edu](mailto:karan.dhir@berkeley.edu) and [tinaxli@berkeley.edu](mailto:tinaxli@berkeley.edu). In addition, if you need any specific information about the payment options, feel free to email us.

## What is our tax status?

Because we are a registered student organization of the University of California, Berkeley, we have 501(c)(3) status through the Associated Students of the University of California (ASUC). As such, if you require a W-9 tax form, simply notify us and we will provide the W-9, along with the appropriate

## What events are popular?

We have found in the past that the more math an event has, the better it does. Company infoses-sions tend to be more practical and not as focused on the math, and as a result, they perform decent-ly. However, several of our past events that place a greater emphasis on the mathematics involved have done much better, such as Applied Math and Baseball, Estimathons, and cryptography talks.

## Who does our mailing reach?

Our mailing list has over a thousand members on it- mostly Math and Applied Math Majors, but also people who subscribe as Mathematics enthusiasts. MUSA is the largest Mathematics oriented student organization at the University of California, Berkeley.

We operate our mailing list in conjunction with the Math department's mailing list, which provides



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MUSA BOARD  
2020-2021

# WE LOOK FORWARD TO WORKING WITH YOU!

**Contact us!**

**[musa@math.berkeley.edu](mailto:musa@math.berkeley.edu)**

**[karan.dhir@berkeley.edu](mailto:karan.dhir@berkeley.edu)/[tinaxli@berkeley.edu](mailto:tinaxli@berkeley.edu)**