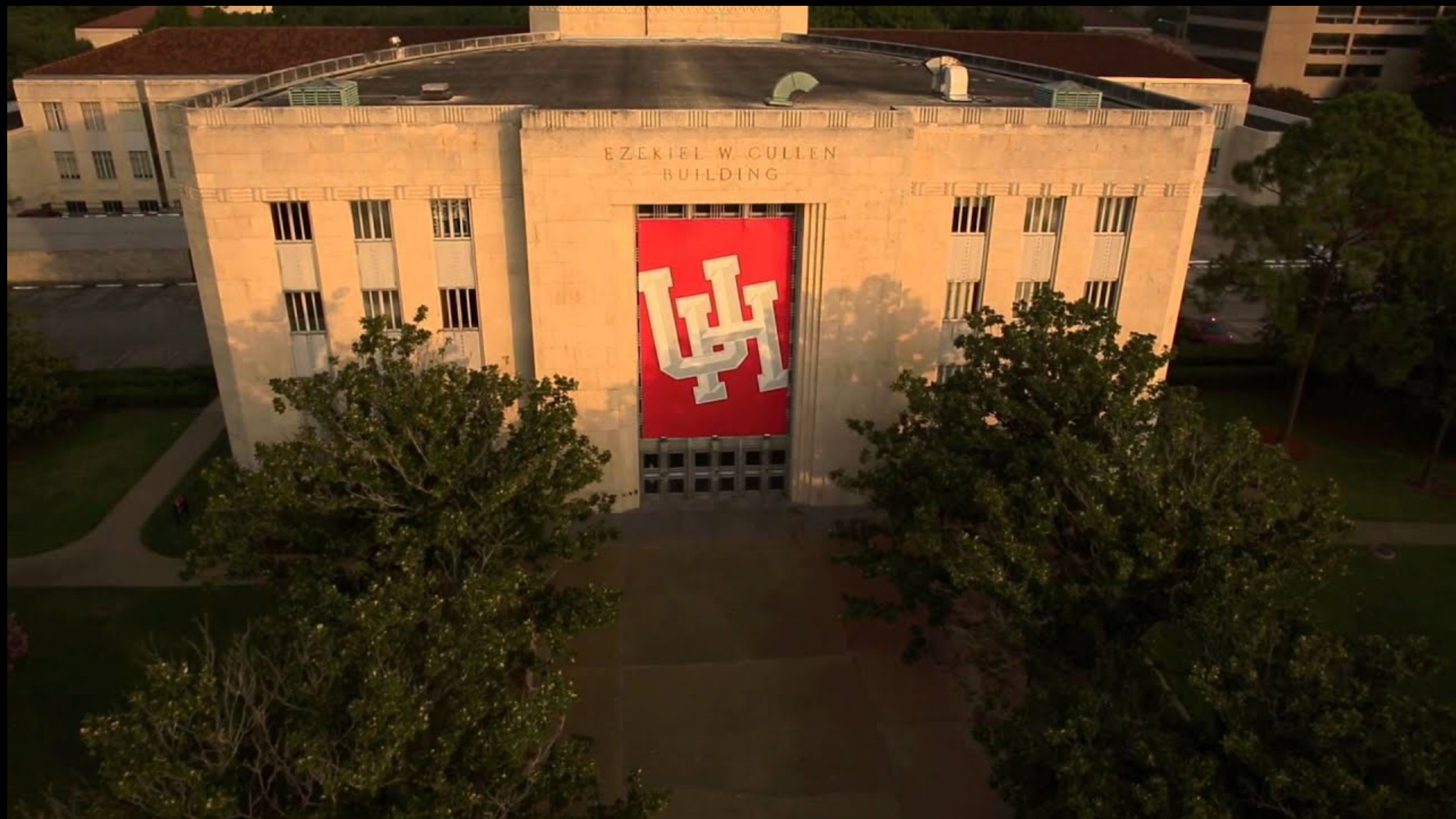


WELCOME TO



THE UNIVERSITY OF HOUSTON









Events at the UH

Walk around campus

Department of Mathematics



Library



Student Center

Cullen Family Plaza



Hilton Hotel



Art around the campus



GUEST'S DAY STARTS AT

HILTON HOTEL



Photo credit: Booking.com



Hilton Hotel is a part of Conrad N. Hilton College of Hotel and Restaurant Management.

One of more than 5,700 Hilton hotels worldwide, the Hilton University of Houston serves as the primary teaching facility for the College.

Hilton College is the only hospitality program in the world whose teaching facility is an internationally branded full-service hotel – 70 percent of hotel team members are students.





Eric's Restaurant is a convenient location for breakfast and lunch





# WELCOME TO THE DEPARTMENT OF MATHEMATICS





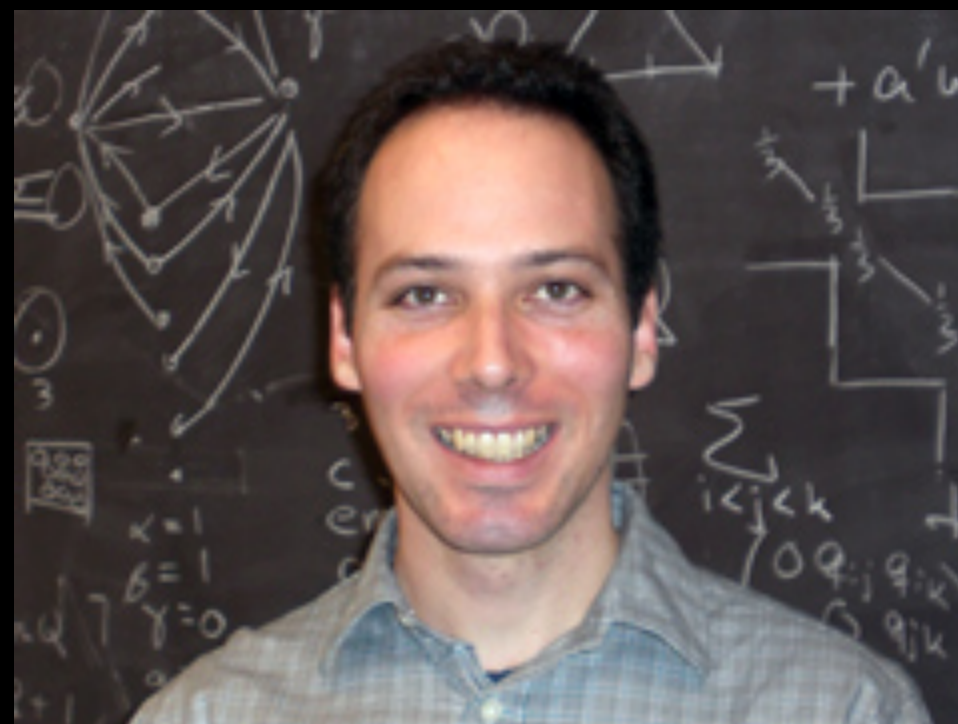
The Department of Mathematics of the University of Houston offers an excellent environment to study mathematics and its applications.

We have approximately 400 undergraduate majors, 80 graduate students, and the largest instructional mission on campus, with over 70,000 student credit hours offered each year, including over 10,000 student credit hours in online courses.

Jiwen He-Chair



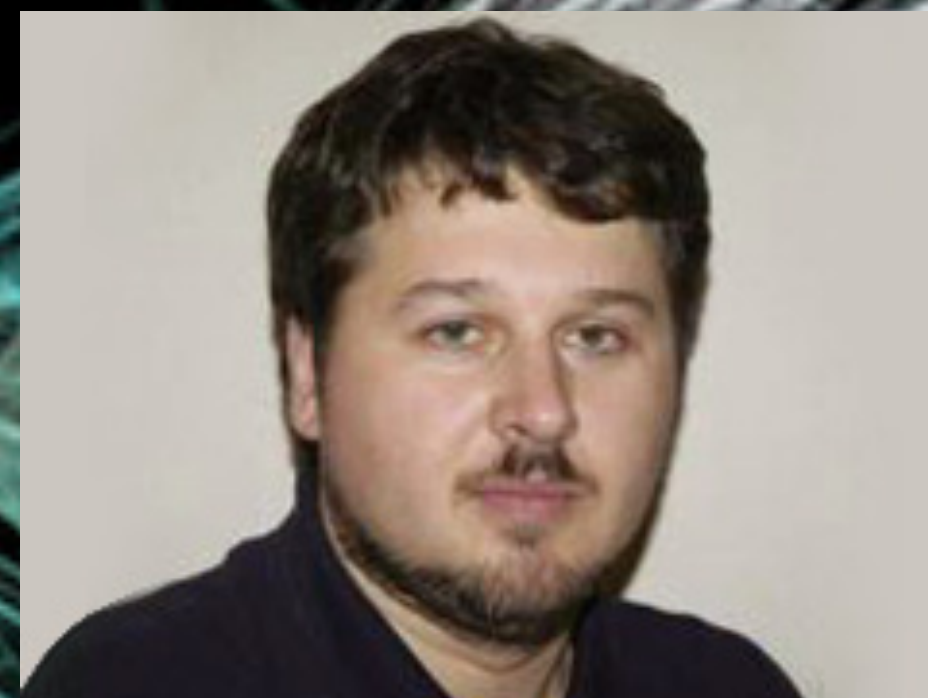
Bernhard Bodmann-  
Associate Chair



David Blecher-  
Undergrad Director



Ilya Timofeyev-  
Graduate Director





# Mathematics Colloquium – Spring 2020

Wednesdays, 3 – 4pm  
room: **PGH 646**

January 22	<b>Jeffrey Vaaler</b> UT Austin <i>The Duffin-Schaeffer Conjecture</i> [abstract]
February 18 2:30 pm SR1 634	<b>[Physics Colloquium]</b> <b>Scott Aaronson</b> UT Austin <i>Quantum Computational Supremacy and Its Applications</i> [abstract]
February 19	<b>Scott Aaronson</b> UT Austin <i>Mathematical Aspects of Quantum Computational Supremacy</i> [abstract]
March 4	<b>Yuanan Diao</b> UNC Charlotte <i>Knots, Ropelength of Knots and Invariants of Knots</i> [abstract]

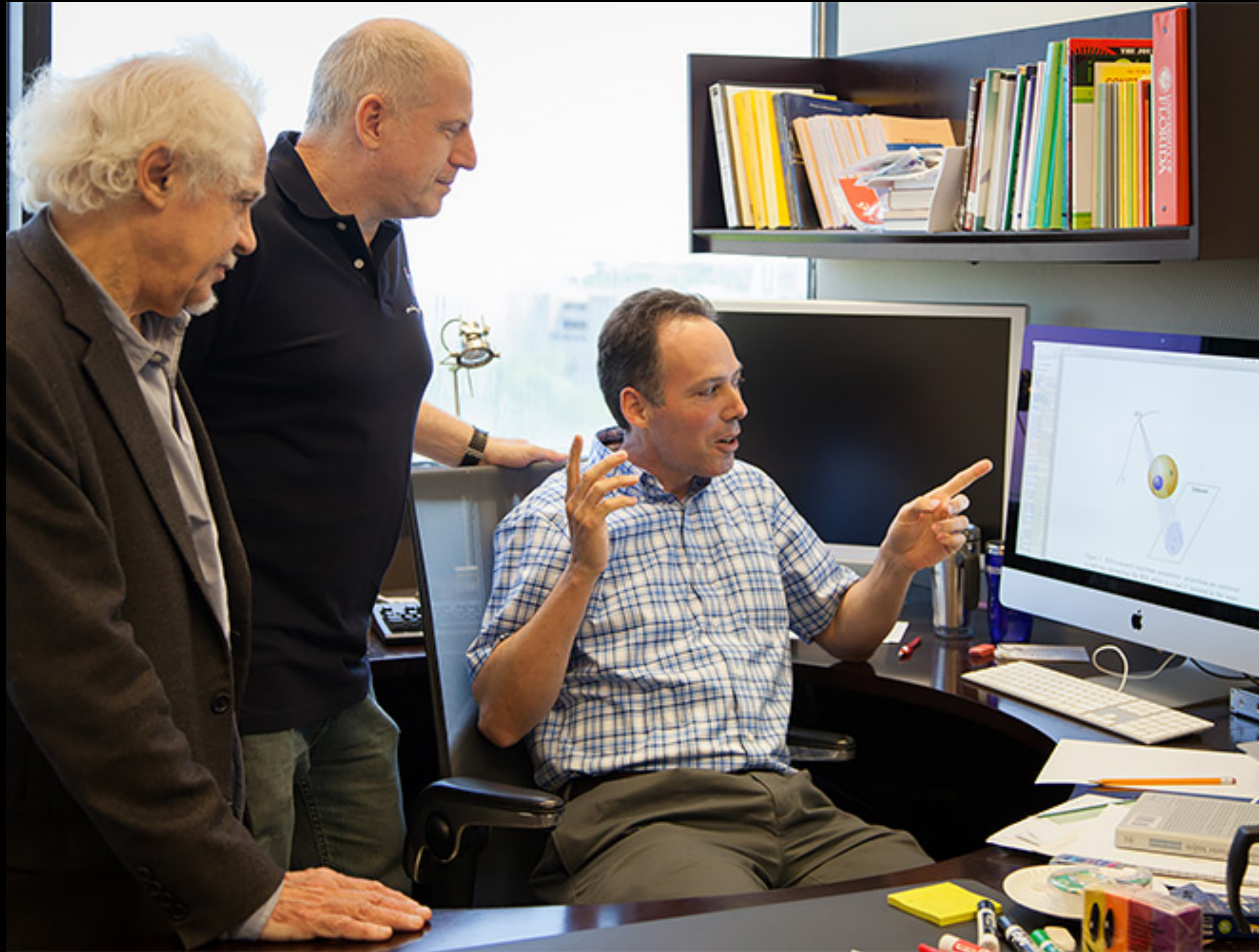
Department of Mathematics  
runs multiple weekly seminars and  
bi-weekly colloquium with visitors from all  
over the US.

## Seminar announcements (All seminars are in **PGH 646A** unless otherwise indicated):

- **Analysis Seminar**: Fridays, 1:00 p.m.
- **Complex Analysis and Complex Geometry Seminar**
- **Deep Learning and Data Mining**: lectures and workshop May 2018
- **Dynamical Systems Seminar**: Mondays, 1:00 p.m.
- **Imaging Seminar**: Mondays, 2:00 p.m.
- **Networks Cluster Seminar**: Fridays, 1:00 p.m., 203 SEC
- **Partial Differential Equations Seminar**: Fridays, 2:00 p.m.
- **Scientific Computing Seminar**: Thursdays, 1:30 p.m.
- **Statistics Seminar**: Fridays, 3:00 p.m.
- **Stochastic Processes and Applications Seminar**: Fridays, 11:00 a.m.



# HARD AT WORK...



L-R: Robert Azencott, Demetrio Labate, Bernhard Bodmann



# HARD AT WORK...



Vaughn Climenhaga



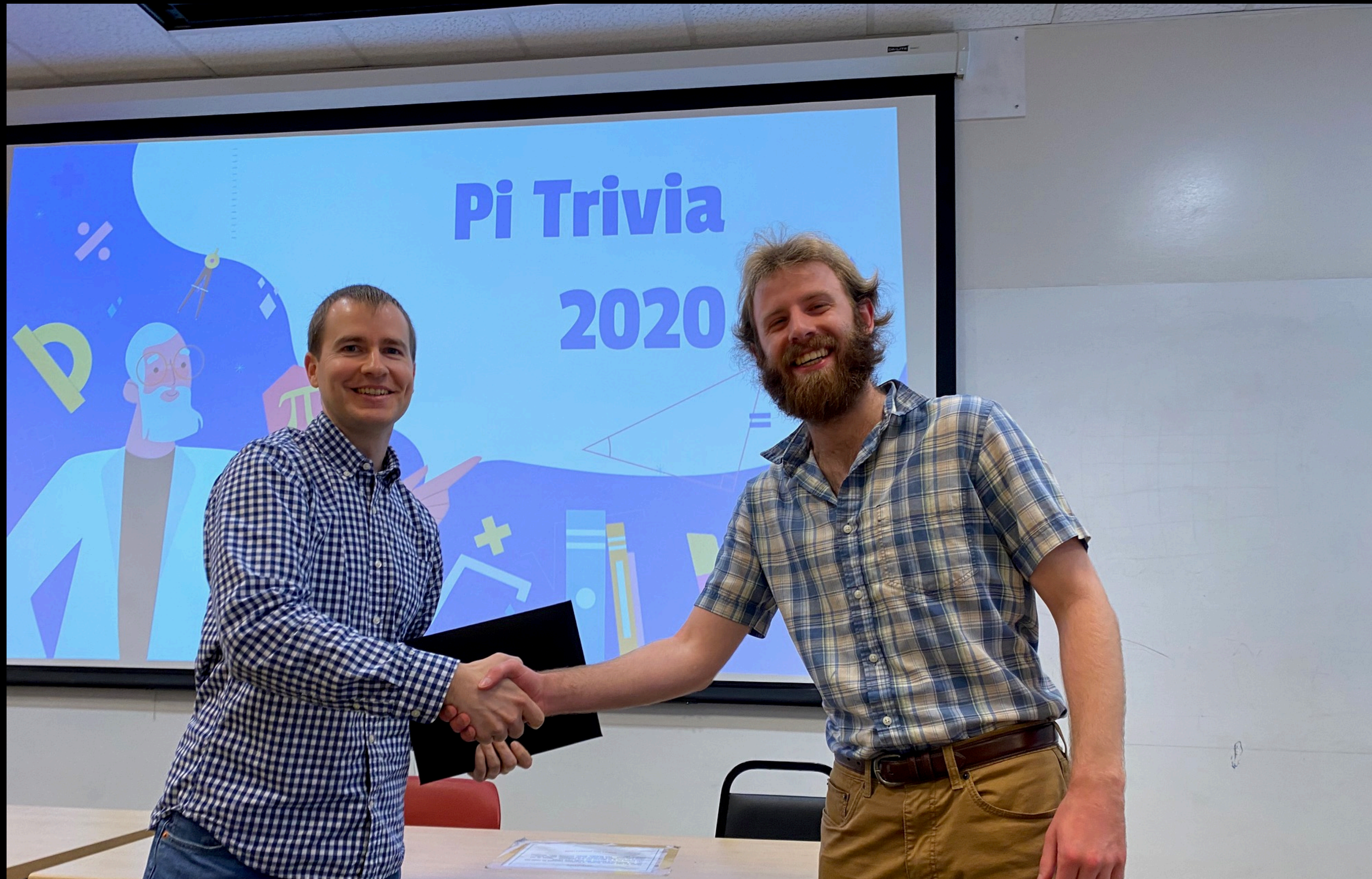
# HARD AT WORK...



Photo credit: Anna Vershynina



To engage undergraduate Math majors with graduate students, faculty and staff, the department hosts MEET and GREET event every semester.



Scholarship Recipient



To engage undergraduate Math majors with graduate students, faculty and staff, the department hosts MEET and GREET event every semester.



Photo credit: Andreas Mang



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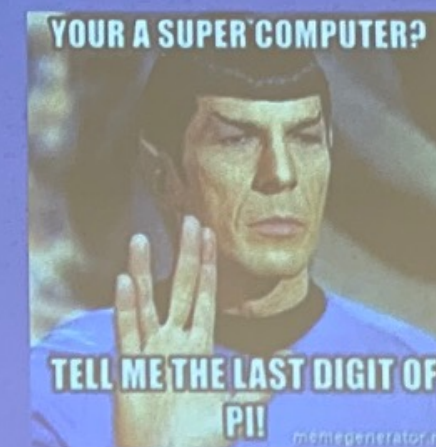
Question 1: Which German mathematician proved that  $\pi$  is a transcendental number in 1882? Ferdinand von Lindemann

Question 2: In the year 1897, a bill that would have effectively redefined  $\pi$  as 3.2 came up before the legislature of which state? Indiana

Question 3: What is the earliest known reference to  $\pi$  in history? An Egyptian papyrus scroll, written by Ahmes the scribe ( approx 1650 BC)

Question 4: Which brand has a cologne by the name of  $\pi$ , which is advertised as a scent that "embodies the confidence of genius"? Givenchy

Question 5: In which popular sci-fi series does a character stop an evil entity by asking it to compute  $\pi$  to the last digit? Star Trek



$\pi$ -ATHLON - Answers

Tea  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12



To engage undergraduate Math majors with graduate students, faculty and staff, the department hosts MEET and GREET event every semester.



Consuming Pi(es)



Once per year the department runs a Math Contest for high school students  
In 2020, students from over 100 schools and multiple home schools took  
1,114 Subject Exams, and 350 students participated in the Smackdown Event!



Awards are lined up

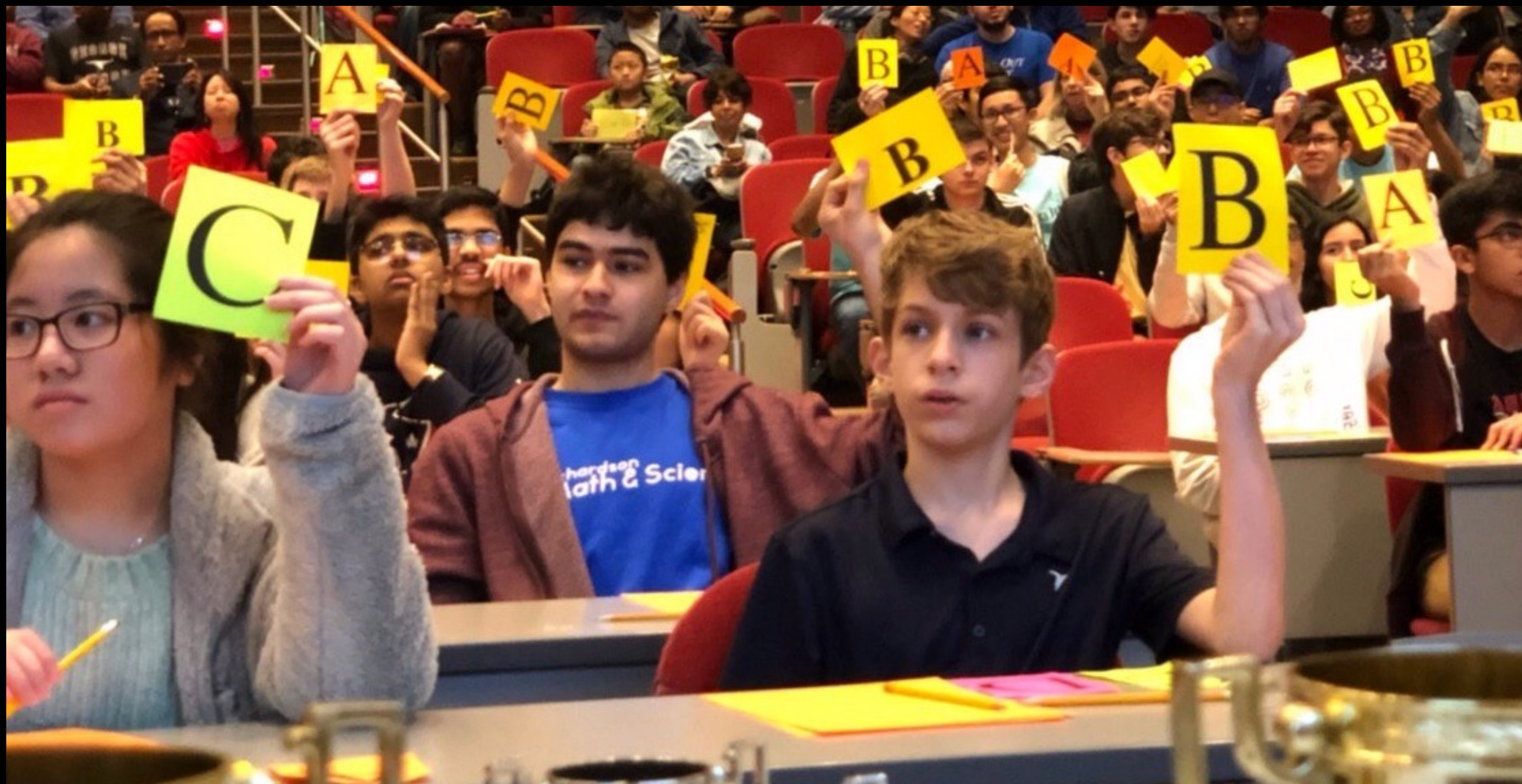


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[Back to the map](#)



# UH Library

UH Collection  
includes

3.2 million volumes,

724,075 e-books,

419 databases,

108,834 e-journal  
titles





# UH LIBRARY

Peter Forakis's "Tower of the Cheyenne" references the Cheyenne indigenous people of the Great Plains.

The sculpture's forms are reminiscent of geometric motifs often used in Native American weaving and basketry while the hard edges of its repeating pattern and large format convey a sense of inert balance.

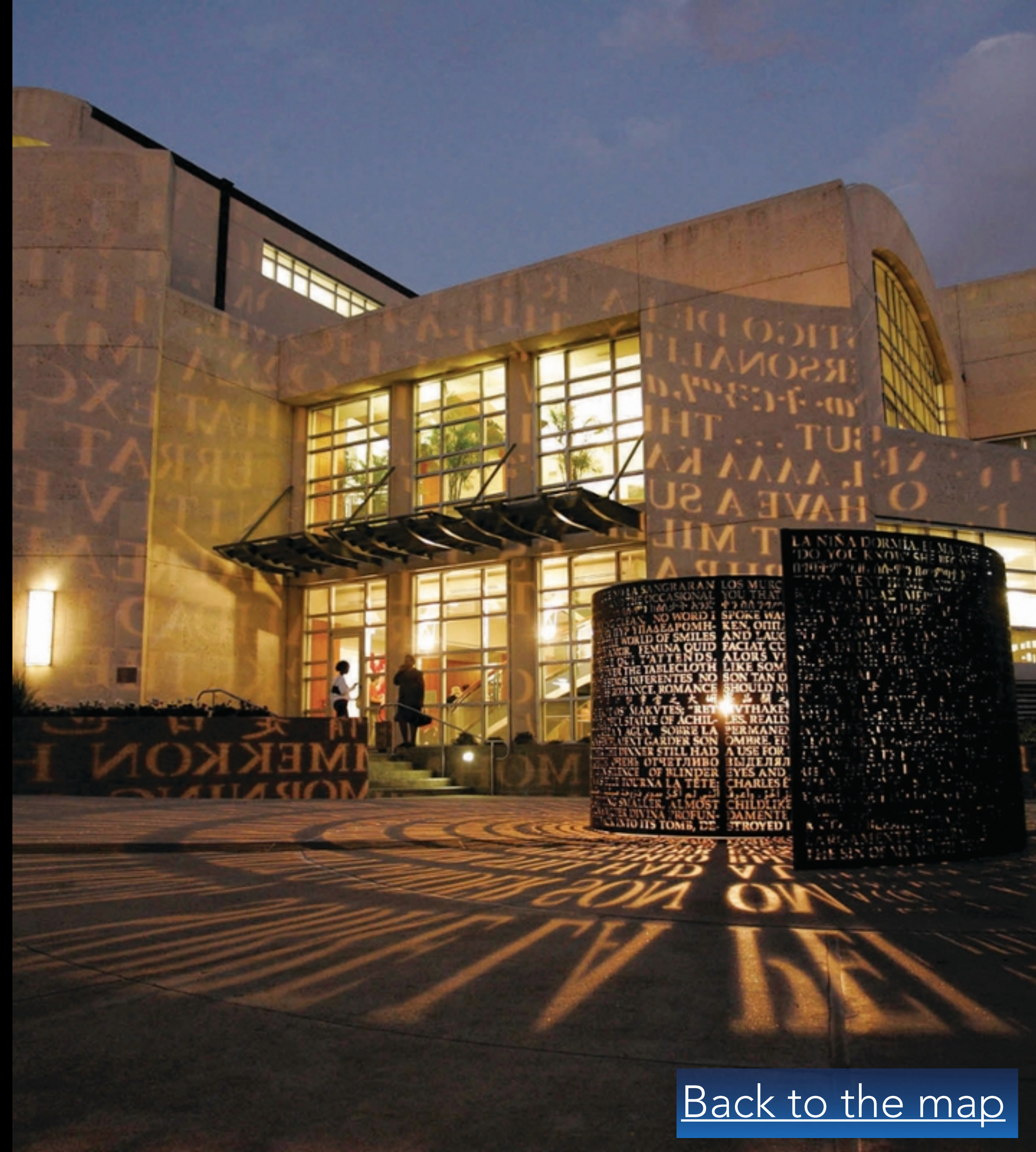




# UH LIBRARY

The **A,A** is a sculpture by artist Jim Sanborn. This is the artist who installed Kryptos sculpture on the grounds of the CIA in Langley, VA. That sculpture has four encrypted messages, and only three have been solved since the sculpture's installation in 1990.

The A,A is composed of portions of poems, novels, and prose from a number of different languages from different parts of the world. At night, a built-in light projector casts light through the sculpture. This causes the effect of illuminating the sculpture's text onto the outside of the library's walls



[Back to the map](#)



# Student Center





# Student Center





# Student Center





# A PLACE FOR

Dining



Meetings



Shopping



Casual study



Photo credit: thedailycougar.com

[Back to the map](#)



# Cullen Family Plaza





# Cullen Family Plaza





Since the inception of the University of Houston campus in 1937, the reflection pool has been a central and iconic landscaping feature.

This beautiful space has long served as a location for gathering, studying, and simply relaxing.

The fountain restoration is complete with new water jets, LED-colored lighting and an upgraded electrical system.



[Back to the map](#)



# UH EVENTS

“Candlelight Ceremony” for freshman, where upon lighting their candles they become official members of the school



Photo credit: Twitter: University of Houston



# UH EVENTS

Frontier Fiesta is a student-led spring festival that was established in 1939.

Each year students from various student organizations volunteer and assist the Frontier Fiesta Association in transforming a piece of our campus into a fully functional town called "Fiesta City".

There they host a cook offs, variety shows, a carnival booth, and a headlining concert.





# UH EVENTS

Since beginning in 2008, Winter Wonderland had continued to flourish by bringing a wide variety of winter theme novelties and attractions.

Members of UH community enjoy a number of attractions including 60 tons of snow, funnel cakes, hot chocolate and free t-shirts.



Photo credit: Twitter: University of Houston



# UH EVENTS

Every Friday is declared a Cougar Red Friday. Wearing red on Friday we show our pride and passion for the University. It is our visual identity.

On Fridays at Moody Towers and Cougar Woods Dining Commons — students, faculty and staff can eat for \$5 if they wear red.



Photo credit: [renukhator.wordpress.com](http://renukhator.wordpress.com)



# UH EVENTS

Over the history of the UH Football program, the Cougars have won eleven conference championships and have had several players elected to the College Football Hall of Fame, including a Heisman Trophy winner.



Photo credit: Andreas Mang



# UH EVENTS

Faculty Cafe is a great place to quietly meet colleagues, have free gourmet coffee, tea, participate in Faculty Professional Development events, and meet colleagues from other departments and colleges.



[Back to the map](#)



# Walking around the campus



Photo credit: Andreas Mang



# Walking around the campus





Walking around the campus





# Walking around the campus



Cougar village - student housing

[Back to the map](#)





**WHY UH?**



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