WELCOME TO

THE UNIVERSITY OF HOUSTON
GUEST’S DAY STARTS AT

HILTON HOTEL

Hilton

UNIVERSITY OF HOUSTON

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.

Photo credit: ericshouston.com
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.
Department of Mathematics runs multiple weekly seminars and bi-weekly colloquium with visitors from all over the US.

Mathematics Colloquium – Spring 2020
Wednesdays, 3 – 4pm
room: PGH 646

January 22
Jeffrey Vaaler
UT Austin
*The Duffin-Schaeffer Conjecture*
[abstract]

February 18
[Physics Colloquium]
Scott Aaronson
UT Austin
*Quantum Computational Supremacy and Its Applications*
[abstract]

February 19
Scott Aaronson
UT Austin
*Mathematical Aspects of Quantum Computational Supremacy*
[abstract]

March 4
Yueman Diao
UNC Charlotte
*Knots, Ropelength of Knots and Invariants of Knots*
[abstract]

Seminar announcements (All seminars are in PGH 646 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...
To engage undergraduate Math majors with graduate students, faculty and staff, the department hosts MEET and GREET event every semester.
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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**
To engage undergraduate Math majors with graduate students, faculty and staff, the department hosts MEET and GREET event every semester.
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!
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UH Library

UH Collection includes

3.2 million volumes,
724,075 e-books,
419 databases,
108,834 e-journal titles
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.
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.
Student Center
A PLACE FOR

Dining

Meetings

Shopping

Casual study

Photo credit: thedailycougar.com
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.
“Candlelight Ceremony” for freshman, where upon lighting their candles they become official members of the school.

Photo credit: Twitter: University of Houston
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
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.
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
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.
Walking around the campus

Photo credit: Andreas Mang
Walking around the campus
Walking around the campus
Walking around the campus

Cougar village - student housing
WHY UH?
Presentation was created by Anna Vershynina for no financial gain. Information was chosen by personal preference only without any prejudice.

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