

MathXperience: Innovate, Compete, Connect



Featuring industry professionals

When: Friday, October 2 12:00 – 5:00 PM

Where: Memorial Hall, Connecticut Room

Why Attend?

- **Discover career opportunities.**
- **Connect** with professionals, alumni, and peers
- **Have fun:** Experience math through games

12:20 -1:20 PM	Keynote Talk: “Making the Best Decisions under Uncertainty” by Mark Squillante, IBM Research
1:20 -1:45 PM	Lunch with students/informal discussion
1:50 -2:50 PM	Professional Development. Interview Preparation Workshop with Representatives from Travelers
2:50 -3:00 PM	Snacks/beverages. Social time with industry professionals and Central alumni
3:05 -5:00 PM	Student Team Competition: Team Up, Have Fun, and Win Prizes!

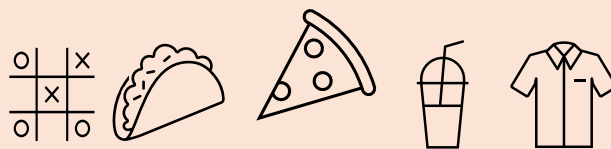
MathXperience is an event designed to expose students to the world of mathematics beyond the classroom and connect them with professionals shaping the future of the field.

Register [HERE](#):



Register early! Free T-shirts are available to the first 50 registered attendees, while supply last. WALK-INS ARE WELCOME!

There will be food, t-shirts, puzzles



and networking opportunities!

MathXperience is organized and sponsored by

- **Department of Mathematical Sciences**
- **Travelers EDGE Program**

Students, Faculty, Staff, and Alumni are Welcome!

MATHXPERIENCE • KEYNOTE TALK

FRIDAY
October 2, 2026

TIME
12:20–1:20 p.m.

LOCATION
Connecticut Room
Memorial Hall

Making the Best Decisions under Uncertainty

Mark Squillante | IBM Research

ABOUT THE TALK:

Today's proliferation of data, advances in statistical and machine learning methods, and growing computational power—including classical and quantum computing—create new opportunities to improve decision-making in complex, large-scale systems. This talk presents a general data-driven approach that moves from statistical and machine learning models of uncertainty to optimization over those models. Examples from broad classes of optimal decision-making problems will illustrate the framework and its applications. Computational experiments demonstrate substantial improvements over previous approaches in both solution quality and computation time. The talk is self-contained, and the mathematical ideas will be presented in a way that is accessible to undergraduate students.

STUDENTS, FACULTY, STAFF, AND ALUMNI ARE WELCOME!
Register [HERE](#)

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Department of Mathematical Sciences & Travelers EDGE Program

STUDENT TEAM COMPETITION BALLOON-POWERED CAR CHALLENGE

DESIGN • MODEL • TEST • COMPETE



PREDICT PERFORMANCE → COLLECT DATA → MODEL & ANALYSE → VERIFY

SAME PARTS. DIFFERENT DESIGNS. LET THE DATA DECIDE.

BUILD YOUR TEAM

2–4 students

Coming solo? We'll match you with a team!.

WIN PRIZES

Certificates of achievement + gift cards

Judged by CCSU faculty and alumni.

YOUR CHALLENGE

HYPOTHESIZE	BUILD	TEST	MODEL	PRESENT
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WHAT COUNTS?

Vehicle Performance • Data Collection • Mathematical Modeling • Team Presentation

EVENT DETAILS

DATE / TIME: __ October 2, 2026 • 3:05–5:00 PM

LOCATION: __ Connecticut Room, Memorial Hall

REGISTER BY: __ October 1 • Walk-ins WELCOME



[REGISTER](#)

Part of MathXperience: Innovate • Compete • Connect