

# Cosmic Pathway

Matthew Wright

cosmicpathways.org/



# Conference Goals

- WE NEED MORE PHYSICS STUDENTS! Students choose physics because of HS Teacher and Outside Education Experiences
- Retention in Physics is poor (30% from college entry to 6-year graduation)
- Create a fun physics party showing folks
  - Career opportunities
  - Building community
  - Working together



# NYC Subway Map



$E = K\varepsilon + P\varepsilon$   $E = MC^2$

## COSMIC PATHWAYS

March 1, 2025  
City College of New York  
New York, NY

$\vec{F} = M\vec{A}$

PARTNERED WITH ROCHESTER SYMPOSIUM FOR PHYSICS STUDENTS

**IMMERSE YOURSELF INTO THE WORLD OF PHYSICS!**

- Explore STEM careers
- Live science demonstrations and interactive activities
- Hear from professionals
- Connect with like-minded students

LEARN MORE!

$\Delta x \Delta p \geq \frac{\hbar}{2}$

$F(\omega) = \int_{-\infty}^{\infty} f(t) e^{-i\omega t} dt$

ADELPHI UNIVERSITY NEW YORK

The City College of New York

SPS

DEPARTMENT OF PHYSICS AND ASTRONOMY UNIVERSITY OF ROCHESTER

# Growing Team

- **Advertising**

- Carissa Giuliano
- James St. John
- Dana Ryan

- **Registration/Abstract**

- Lysa Wade
- Kelly Douglass

- **Workshops**

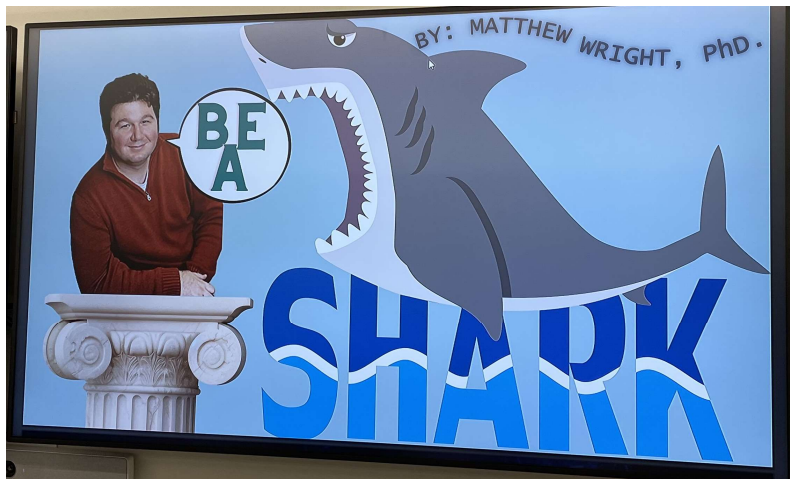
- Rob Krakehl
- Merideth Frey
- Zoya Shafique
- Jason Bier

- **Other Key Folks**

- Alejandro De La Puente (SPS)
- James Hedberg (Planetarium)
- Patty Mueller
- Angela Kelly
- Tracy Hogan

# Schedule of Events

## Be a Shark

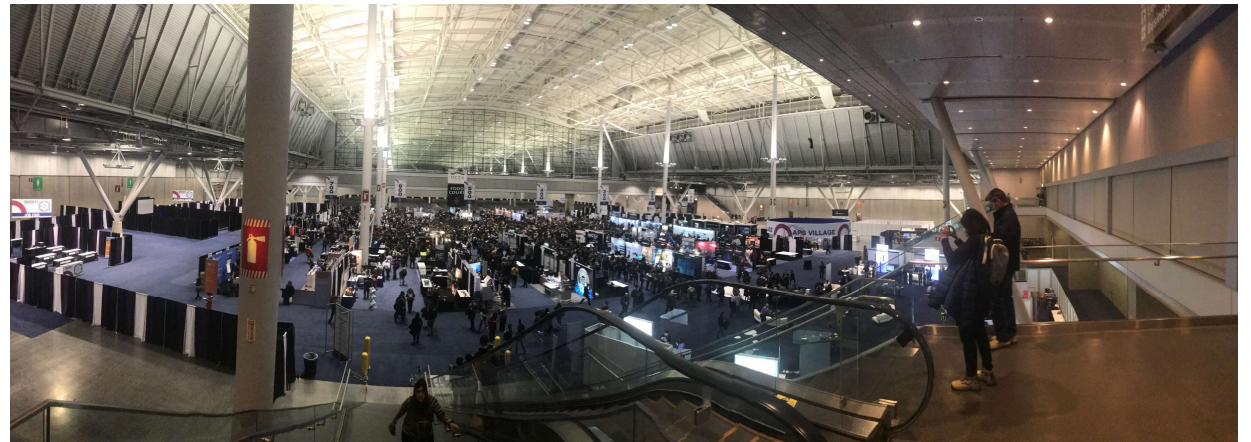
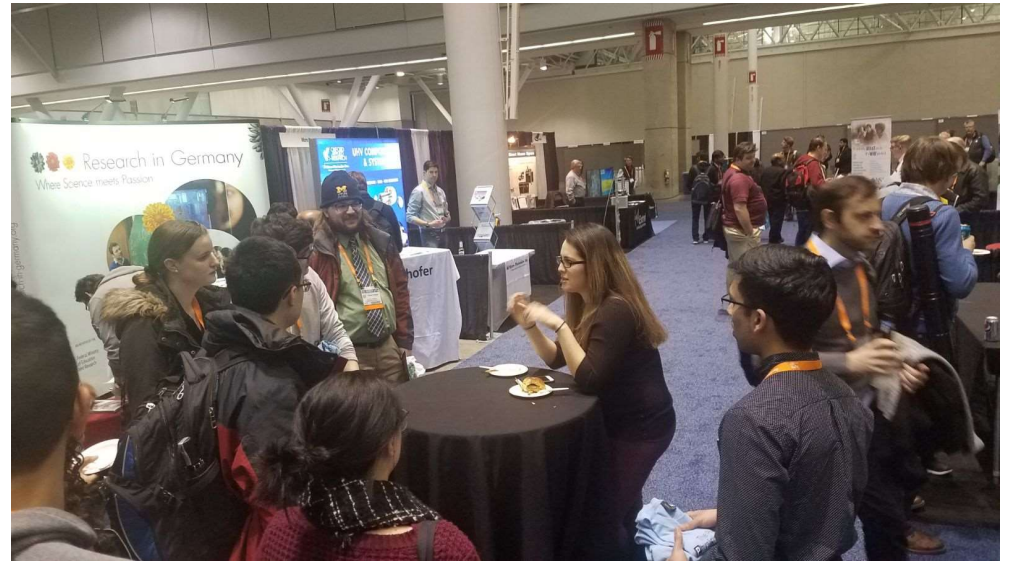


Career Discussion With Brad Conrad (NIST)

Panel with industry experts

# Vendor Show

- Physics Clubs
- Businesses
- College Fair
- Graduate Student Fair
- Planetarium Show
- Poster Session



# WorkShops

- Graduate School Panel, Physics
- Graduate School Panel, Engineering
- Build a resume workshop?
- STEP UP WORKSHOP
  
- 3 Minute Talk, RSPS



# Events to the End

- Material Science Panel and Discussion of PhysCon (Molly, Brittney, James)
- Physics Party and Winning Three Minute Talks
- LIGO Key Note Speakers

