



# Hampton University STEM Weekend 2026

*Program Guide*

April 10-11, 2026



Hampton University  
Student Center



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FOR MORE INFORMATION | CONTACT: [HAMPTONUSTEMWEEKEND@OUTLOOK.COM](mailto:HAMPTONUSTEMWEEKEND@OUTLOOK.COM)



# WELCOME TO STEM WEEKEND



STEM Weekend 2026 is a two-day, student-led, campus-wide professional development and recruitment experience at Hampton University, developed and executed by students in the following organizations from both the School of Science and the School of Engineering, Architecture, and Aviation: National Society of Black Engineers (NSBE), Girls Who Code (GWC), Society of Women Engineers (SWE), HU Cybersecurity Club, HU Math Club, Organization of Black Aerospace Professionals (OBAP), American Institute of Chemical Engineers (AIChE), National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE), Black Girl White Coat (BGWC), EmpowerHart, Student National Dental Association (SNDA), and Minority Association of Pre-Medical Students (MAPS).

## OVERVIEW

Taking place on April 10–11, 2026, STEM Weekend is designed to educate, engage, and elevate students through hands-on learning, career exploration, and direct connections with industry professionals. The experience brings together students, faculty, alumni, high school scholars, and corporate partners for a dynamic, multi-day conference environment. Participants can expect a diverse lineup of interactive workshops, industry panels, a research symposium, networking experiences, and the STEM Connect Organization Showcase, along with a Rapid Innovation Challenge designed to simulate real-world problem solving.

The weekend will conclude with a STEM Awards Banquet, celebrating student excellence and achievement.

## WHY STEM WEEKEND MATTERS

Unlike a traditional conference, STEM Weekend provides a multi-touch, relationship-driven experience between students and industry partners. Through interactive sessions, collaborative challenges, and mentorship opportunities, participants build meaningful connections that extend beyond a single interaction. This initiative highlights the strength of Hampton University's STEM community while creating a direct pipeline between diverse, high-performing talent and leading organizations across industry sectors.

## OUR PROGRAMMING TRACKS

STEM Weekend is organized across four core tracks: STEM & Social Impact, which explores how technical fields address real-world challenges and drive meaningful change within communities; Career Readiness, focused on professional development, internships, and preparation for success in competitive industries; Innovation & Entrepreneurship, highlighting creativity, problem-solving, and the development of new ideas and emerging technologies; and Research & Graduate School, which provides insight into academic pathways, research opportunities, and advanced study for students pursuing continued education.

# FRIDAY EVENT SCHEDULE

→ APRIL 10

## MORNING

### 8:00–9:00 AM

*Registration / Check-In (Student Center Ballroom)*

### 9:00–9:20 AM

*Opening Session (Student Center Ballroom)*

### 9:30–10:20 AM

- 1. Collaborate to Innovate: A Cross-STEM Challenge for Real-World Impact (Innovative Lounge)*
- 2. iOS App Development Workshop (Aerobics Room)*
- 3. Building a Competitive STEM Resume with ExxonMobil (Student Center Theater)*

## MIDDAY

### 10:30–11:20 AM

- 1. The Future of Healthcare: Careers, Innovation, and Impact with Sentara CarePlex (Student Center Theater)*
- 2. Powering Communities: Energy Equity, Access, and the Future of Sustainable Infrastructure (Innovative Lounge)*
- 3. Free Professional Headshot Lounge powered by Wood Films LLC (Student Lounge)*

### 11:20 AM–12:00 PM

*Explore & Connect / Informal networking (Student Center Common Areas)*

# FRIDAY AFTERNOON SCHEDULE

## **12:00 PM – 1:00 PM**

*Networking Lunch (Sponsored by ExxonMobil)  
(Student Center Ballroom)*

*Enjoy a catered lunch sponsored by ExxonMobil while networking with peers, industry professionals, and campus organizations in a relaxed, professional setting.*

## **1:00 PM – 3:30 PM**

*Rapid Innovation Challenge (Hackathon)  
(Student Center Ballroom)*

*Work in interdisciplinary teams of 3–4 to develop innovative solutions to real-world challenges across health, technology, and sustainability. Teams will deliver a 2–3-minute pitch along with a prototype or concept demonstration, with the top three teams receiving cash prizes. Individual participants will be assigned to teams at kickoff.*

## **3:45 PM – 5:00 PM**

*STEM Connect: Organization Showcase & Networking Experience  
(Student Center Ballroom)*

*Connect with student organizations, industry partners, and campus leaders in an interactive networking environment. The session concludes with a featured panel on community, representation, and building strong STEM pipelines at Hampton University.*

# SATURDAY EVENT APRIL 11 SCHEDULE

## 9:00 AM – 11:00 AM

*Research Symposium  
(Student Center Ballroom)*

*Explore innovative student research across STEM disciplines during this interactive poster session. Attendees will engage with presenters, gain insight into ongoing research, and connect with peers and faculty showcasing their work.*

## 10:00 AM – 11:00 AM

- 1. Actuarial Science & Data-Driven Careers Panel with IABA (Student Center Theater)*
- 2. Industry 4.0: 3D Printing Workshop (\*Olin Engineering Building\*, Room 519)*
- 3. Cleared for Wellness: Mental Health, Pressure, and Performance in Aviation with OBAP (Innovative Lounge)*

## 12:00 PM – 3:00 PM

*STEM Awards Banquet  
(Student Center Ballroom)*

*Join us for the culminating event of STEM Weekend, celebrating student achievement, research excellence, innovation, and leadership across Hampton University. The banquet will feature a keynote address by Julian Brown, along with awards recognizing outstanding contributions in research, the Rapid Innovation Challenge, and student organization impact. Attendees will enjoy a formal program, networking opportunities, and a celebration of the future of STEM.*

# THANK YOU TO OUR PARTNERS

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## JOIN US AT STEM WEEKEND 2026

Register to attend and be part of a dynamic, high-impact STEM experience connecting students, industry professionals, and innovators.

Scan QR Code to Register  
or visit:

[indico.global/event/16649/registrations](https://indico.global/event/16649/registrations)

Instagram: @hamptonustemweekend

Linkedin: @hamptonustemweekend



## A SPECIAL THANK YOU

Hampton University STEM Weekend 2026 Research Symposium Organization:

School of Science: M. Kohl, E. Locke, M. Richardson

School of Engineering, Architecture, and Aviation: E. Baskerville, Y. Bekele

STEM Weekend 2026 Executive Team

E. Baskerville, M. Trapp, C. Booker, L. Walden, A. Hubbard, J. Pitter