



STEM Division's 5th annual STEM Week connects students to opportunities, academic pathways, and careers in Science, Technology, Engineering, and Mathematics.

Come explore STEM fields and careers through research talks, skill-building workshops, career panels, and fun demonstrations.

Students—attend two or more events and be awarded a certificate!



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MONDAY 2/24

12:30–1:30 p.m. Ctr. for Adv. Technology, Rm. 213

Programming: Let's Code!

Homer Sharafi, Ph.D. (PGCC)

1–2 p.m. Chesapeake Hall, Rm. 109

Resumé, Interview, and Business Attire:

What Do You Need to Know?

Paul Van Cleef (PGCC)

1–2 p.m. University Town Center, Rm. 064

Let's Extract DNA from Strawberries!

Yuda Anriany, Ph.D. (PGCC)

2–3 p.m. Lanham Hall, Rm. 125

Alternative Careers in Science

Prof. Bryant Suitte (PGCC)

3–4:30 p.m. Lanham Hall, Rm. 125

How Networking in the STEM Field and Beyond, Will Lead You to Success!

Edward Gonzales (NASA GSFC)

3:30–4:30 p.m. Chesapeake Hall, Rm. 207

Let's Extract DNA from Strawberries!

Paria Parto, DVM, Ph.D. (PGCC)

4:30–5:30 p.m. Chesapeake Hall Atrium

Mixer/Student Posters

Nadene Houser-Archield, Ph.D., Neeharika Thakur, Ph.D., Paria Parto, DVM, Ph.D., Nilanthi Yasapala, Ph.D. (PGCC)

TUESDAY 2/25

12:30–1:30 p.m. Chesapeake Hall, Rm. 109

Internship Opportunities

Cassandra Moore-Crawford, Ph.D. (PGCC); Tina Finley (USUHS)

Research: From the Classroom to the Field

Prof. Deirdre Thompson (PGCC)

1–2 p.m. University Town Center, Rm. 140

Resumé, Interview, and Business Attire:

What Do You Need to Know?

Paul Van Cleef (PGCC)

KEY FOR PRESENTER AFFILIATIONS

API..... API Heat Transfer Inc.
 FDA..... Food and Drug Administration
 MSU..... Morgan State University
 MWAA..... Metropolitan Washington Airports Authority Fire/Rescue Dept.
 NASA..... National Aeronautics and Space Agency
 NASA GSFC..... NASA Goddard Space Flight Center
 NASA LaRC..... NASA Langley Research Center
 NIH..... National Institutes of Health
 UMD..... University of Maryland, College Park
 UMD SPH..... School of Public Health, University of Maryland, College Park
 USUHS..... Uniformed Services University of the Health Sciences
 VCD..... Vision and Conceptual Development Center
 WCEH..... Wolf Creek Equine Hospital

1:30–2:30 p.m. Chesapeake Hall, Rm. 109

Research Opportunities at NIH

Erika Barr, Ph.D. (NIH)

Internship Applications

Nadene Houser-Archield, Ph.D., Bill Miller, Ph.D. (PGCC)

2:30–3:30 p.m. Chesapeake Hall, Rm. 109

Creating a Meaningful Personal Statement

Prof. Paul Assanah, Prof. Michelle Klein (PGCC)

3:30–4:30 p.m. Chesapeake Hall, Rm. 109

Safe Fun Science Demos You Can Do at Home

Nadene Houser-Archield, Ph.D. (PGCC)

4:30–5:15 p.m. Chesapeake Hall, Rm. 109

Become a Health Care Professional in 183 Days

Adrienne Crowell (PGCC CONTINUING EDUCATION)

5:15–6:15 p.m. Chesapeake Hall, Rm. 109

An Intro to the Transportation and Distribution Department of STEM

Anthony Marra (PGCC CONTINUING EDUCATION)

WEDNESDAY 2/26

12:30–2 p.m. Ctr. for Adv. Technology, Rm. 213

Workshop—Power of Excel Spreadsheet

Scott Sinex, Ph.D. (PGCC)

1–2 p.m. Lanham Hall, Rm. 125

Infectious Disease Disasters

Boris Lushniak, MD, MPH (UMD SPH)

2–3 p.m. Lanham Hall, Rm. 125

Mechanisms and Rational Catalyst Design of Organic Transformations for the Synthesis of New C(sp³)-X Bonds

Prof. Madeline Eely (PGCC, UMD)

2–3 p.m. University Town Center, Rm. 140

Eating Well on the Go

Cynthia Gossage, Ph.D. (PGCC)

3–4:30 p.m. Chesapeake Hall, Rm. 109

Panel: Careers in Science

CJ Caniglia, DVM (WCEH); Rachel Binet, Ph.D. (FDA); Emanuelle Atta, PharmD., Christine Barrow, Ph.D. (PGCC); Leah Dodson, Ph.D. (UMD)

4:45–5:45 p.m. Chesapeake Hall, Rm. 109

Learn How to Be a Lifesaver: First Aid Workshop

Prof. Christopher Wanka (MWAA, PGCC); Prof. Jonn Mack (PGCC)

THURSDAY 2/27

12:30–1:30 p.m. Chesapeake Hall, Rm. 109

The Mind-Blowing Mathematics of Infinity

David Simpson, Ph.D. (NASA GSFC, PGCC)

1–2 p.m. Lanham Hall, Rm. 125

From Bedside to Bench—

A Study of Heart Diseases with Animal Models

Yuejin Li, MD, Ph.D. (MSU)

2–3:30 p.m. Lanham Hall, Rm. 125

Eating Well on the Go

Cynthia Gossage, Ph.D. (PGCC)

Fast or Slow? How Exercise Affects Your Muscles

Mark Hubley, Ph.D. (PGCC)

3–5 p.m. Chesapeake Hall, Rm. 109

Panel: Careers in Engineering

Martha David (UMD); Swithin David (VCD); Prof. Rocco Mennella (PGCC); James Milke, Ph.D. (UMD); Jonathan Ransom, Ph.D. (NASA LARC); Denisha Turner (API)

5–6 p.m. Chesapeake Hall, Rm. 305/307

Fun Physics

Prof. Tom Wyszocki (PGCC), Physics students: Dale Allen, Zillah Karngong, Daryl Meka, Chibueze Nwade, Immaculate Oyoo

FRIDAY 2/28

11 a.m.–12 p.m. Chesapeake Hall, Rm. 109

Mathematics Helps People Flourish

Helena Mirtova, Ph.D. (PGCC)

12–1 p.m. Chesapeake Hall, Rm. 109

STEM Research Opportunities for Minorities at UMD

Migdalia Maldonado (UMD)

12–2:30 p.m. Bladen Hall, Rm. 203

M³ Series: Making Math Magnetic

Prof. Kameswari Tekumalla, Prof. Julie Gordon, Jaison Novick, Ph.D. (PGCC)

12–4 p.m. NASA GSFC

Field Trip to NASA GSFC

Calvin Stansbury, Ed.D., (PGCC)

For information:
<https://forms.gle/k2LviTCMSTbBLx8> or scan code with your cell phone camera →



FOR MORE INFO

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