



STEM Division's 7th annual STEM Week connects students to opportunities, academic pathways, and careers in Science, Technology, Engineering, and Mathematics.

Explore STEM fields and careers through research talks, skill-building workshops, career panels, and fun demonstrations; and get tips for success and overall wellbeing.

Students—attend two or more sessions and receive a digital certificate!

There will be a raffle for a gift card in every session.



## Click here to Register NOW!

### MONDAY 3/7

10-11 a.m.

#### Tips to Study More Efficiently

Professor Deborah Bowles (PGCC)

11 a.m.–12 p.m.

#### IT Certifications: By the Industry For the Industry

Kirk Smallwood (CompTIA)

12-1 p.m.

#### Pharmacy 101: More Than What the Dr. Ordered

Sean Vasaitis, Ph.D. (UMES)

1-2 p.m.

#### Engaging with Your STEM Major

Cassandra Moore-Crawford, Ph.D. (PGCC)

2-3 p.m.

#### Drug Discovery and Development Process with Emphasis on Novel Antivirals

Peter Swaan, Ph.D. (UMB)

3-4 p.m.

#### The Power of Your Mind

Audrey Davis, Ed.D. (PGCC)

4-5 p.m.

#### NASA Engagement with Community Colleges

Torry Johnson, (NASA HQ, MUREP)

5-6 p.m.

#### Student Presentations

Toluani Adeboye; Amarachi Anyatonwa; Naya Dicks; Maryam Isol; Bryan Sosa Morazon; Anthony Ramirez

### KEY FOR PRESENTER AFFILIATIONS

AACN	Association of Critical-Care Nurses
AAMC	Association of American Medical Colleges
BSU	Bowie State University
CompTIA	The Computing Technology Industry Association
CVC	Crofton Veterinary Center
ESG	Education Strategy Group
FEC	Financial Empowerment Center
GSFC	Goddard Space Flight Center
GU	Georgetown University
GUSOM	Georgetown University School of Medicine
LaRC	Langley Research Center
Luminis	Luminis Health Anne Arundel Medical Center (AAMC)
MUREP	NASA's Minority University Research and Education Project
NASA	National Aeronautics and Space Administration
NIA	National Institute of Aging
NIH	National Institutes of Health
NRL	The Naval Research Laboratory
PGCC	Prince George's Community College
UB/GPPC	University of Buffalo School of Pharmacy & Pharmaceutical Sciences/General Physicians PC
UMB	University of Maryland, School of Pharmacy, Baltimore
UMBC	University of Maryland, Baltimore County
UMD	University of Maryland, College Park
UMES	University of Maryland, Eastern Shore
UMRMC	University of Maryland Capital Region Medical Center
VT	Virginia Tech

### FOR MORE INFO

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Joseph Young III, Classroom Technology Coordinator (youngja@pgcc.edu)

Dr. Calvin Stansbury, Interim Dean of STEM Division (stansbce@pgcc.edu)

### TUESDAY 3/8

10-11 a.m.

#### Career Opportunities at the Naval Research Laboratory

Superintendent Michael Walder (NRL)

11 a.m.–12 p.m.

#### Color and Balance: Come Cook with Chef Hudson!

Professor Ernest Hudson Jr. (PGCC)

12-1 p.m.

#### Python: Let's Get Started!

Homer Sharafi, Ph.D. (PGCC)

1-2 p.m.

#### Can a Garden Solve it All? The Potentials and the Limitations of Urban Agriculture

Yuki Kato, Ph.D. (GU)

2-3 p.m.

#### LSAMP@ UMD

Migdalia Maldonado (UMD)

3-4 p.m.

#### Undergraduate Research in STEM at PGCC: Results and Opportunities

William Miller, Ph.D. (PGCC)

4-5 p.m.

#### Drafting a Compelling Personal Statement

Professor Michelle Klein (PGCC), Professor Paul Assanah (PGCC)

5-6 p.m.

#### Panel: Engineering Alumni

Samuel Adegbosin, MECHANICAL (UMD); Wilbur Dahn, COMPUTER (UMBC); Felix Forcho, CHEMICAL (UMD); Emmanuella Igwe, ELECTRICAL (UMD); Ilham Kabir (Current PGCC Student); James Reid, CIVIL (UMD)

### WEDNESDAY 3/9

10-11 a.m.

#### Pathway to Becoming a #FutureDoc

Tony Mancuso (AAMC)

11 a.m.–12 p.m.

#### Cybersecurity Awareness: Fighting Phishing Attacks

Professor Folashade Adeleke (PGCC)

12-1 p.m.

#### A Triumph for Nanomedicine: How Vaccines Controlled a Pandemic

Carla Finkielstein, Ph.D. (VT)

1-2 p.m.

#### Panel: Obtaining Your Bachelor's Degree and Beyond

Jacqueline Anita Smith, Ph.D. (BSU); PGCC Alumni: Christian Elcorrobarrutia (BSU); Mohammad Faiz (UMD); Rosheen Simpson (BSU); Joan Sobo (BSU)

2-3 p.m.

#### Bob Moses and Algebra Project

James Gaines (PGCC)

3-5 p.m.

#### Panel: Careers in Science

Fariba Ansari (UMRMC); Christine Barrow, Ph.D. (ESG); Jean Andrysiak Little, RN (Luminis, AACN); Precious Ohagwu, PharmD (UB/GPPC); Michelle Rudd, DVM (CVC); Thien Kim Tran Trinh, PharmD Candidate (UMB); Roland Zama (GUSOM)

5-6 p.m.

#### Learn How to be a Lifesaver: First Aid Workshop

Professor Jonn Mack (PGCC)

### THURSDAY 3/10

10-11 a.m.

#### Panel: Math Students

Professor Veronica Seward (PGCC); PGCC Alumni: Victor Omoniyi (NIH NIA); Alex Oparaoji (UMD); Rana Reid (UMD)

11 a.m.–12 p.m.

#### Just a Pinch of Salt! The Science of Flavor and Taste

Cynthia Gossage, Ph.D. (PGCC)

12-1 p.m.

#### Resume', Interview, and Dressing for Success

Professor Paul Van Cleef (PGCC)

1-2 p.m.

#### Advanced Programming in Python

Mohammad Ali, Ph.D. (PGCC)

2-3 p.m.

#### From Dream to Reality: James Webb Space Telescope Integration and Testing

Javier Ocasio-Perez (NASA GSFC)

3-5 p.m.

#### Panel: Careers in Engineering

Deborah Goldberg, Ph.D. (UMD); Autumn Jackson (Current PGCC Student); Professor Rocco Mennella (PGCC); James Milke, Ph.D. (UMD); Jonathan Ransom, Ph.D. (NASA LaRC); Rana Reid (UMD); Superintendent Michael Walder (NRL)

5-6 p.m.

#### Computational Analysis of Molecules with Ambident Substituent Groups

Nadene Houser-Archield, Ph.D. (PGCC); Leah Dodson, Ph.D. (UMD); PGCC Students: Bryan Sosa Morazon; Keysha Rivera Blanco

### FRIDAY 3/11

10-11 a.m. Chesapeake Hall, Rm. 206 (Limited Seats)

#### Hands-On Workshop (Biology): Microscopes

Professor Cyrus Sadeghian (PGCC)

11 a.m.–12 p.m.

#### Panel: Future in the World of IT

Professor Kola Ogunlana (PGCC); PGCC Students: Zion Gay-Barnett; Channing Pridgeon; Terrence Gittens Savory

12-1 p.m. Chesapeake Hall, Rm. 206 (Limited Seats)

#### Hands-On Workshop (Biology): Dissection

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

1-2 p.m.

#### Hands-On Workshop (Chemistry): You Can Lick the Spoon

Sumana Nilanthi Yasapala, Ph.D. (PGCC); Professor Reyniak Richards (PGCC)

2-3 p.m.

#### M^3: Making Math Magnetic

Professor Kameswari Tekumalla (PGCC); Professor Julie Gordon (PGCC); Jason Novick, Ph.D. (PGCC); Brenda Teal, Ph.D. (PGCC)

3-4 p.m.

#### Time Machines: What Physics Has to Say

David Simpson, Ph.D. (NASA GSFC)

4-5 p.m.

#### STEM Security: What STEM Career Means For Your Financial Security

Heath Carelock, MPS, PMP, AFC (PGCC); Victoria Saunders (PGCC)

5-6 p.m.

#### Virtual Tour: Navigating the Testing Operation in a Biomedical Research Institute at VT

Carla Finkielstein, Ph.D. (VT)