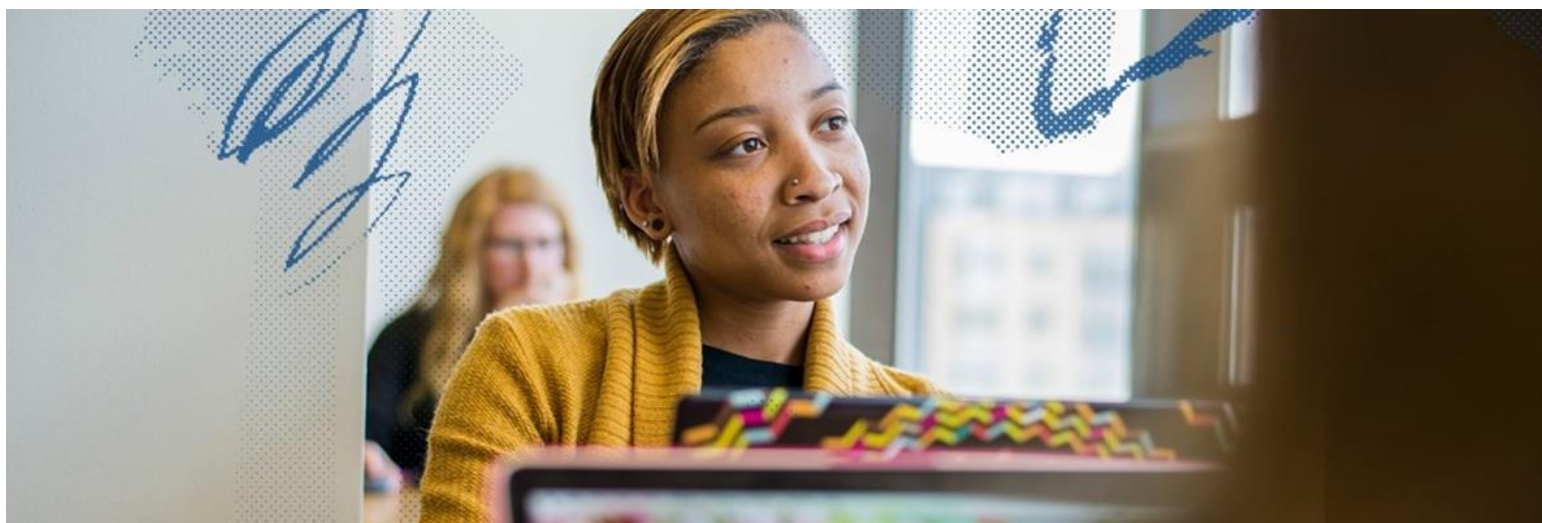


Finding Our Voices: *Maryland Honors Students Speak*



MCHC
2023



Friday, February 24, Towson University

9:00 Registration opens

9:45-11:15 Poster Session
West Village Commons Ballroom

1. Julie Asbury, Notre Dame of Maryland University
Poly-GR leads to neuronal loss and behavioral deficits in a mouse model
2. Abby Bowling, Towson University
Studying the Whydah Galley: Understanding Factors that Influence the Shaping of Historical Narratives
3. Phoebe Calkins, Towson University
Identification of Food Contaminants Using Innate Immune Toll-like Receptors (TLRs)
4. Sienna Carey, Frederick Community College
Industrial/Organizational Psychology in the Workplace
5. Leah Collidge, Towson University
The reasoning behind Japan's decision to bomb Pearl Harbor.
6. Parker Cross, Towson University
The Unsolvable Question: Solving Systemic Racism
7. Ryan Devine, Salisbury University
Development of Divested Youth in Historically Redlined Communities
8. Britney Erickson, Towson University
Inhibition of Innate Immune Signaling may be Influenced by TcpC's NADase Activity
9. Olivia Fullarton, Towson University
Consumption of Processed Foods: Effects on Mental Health
10. Olivia Keller, Montgomery College
Impractical Still Life
11. Sepand Jahrominejad, Hana Shaikh & Meba Tadesse, Montgomery College
Pylos Game Analysis
12. Lilly Norbeck, Towson University
The Nemi Ships: How Two Wrecked Pleasure Boats Expose the True Identity of Caligula
13. Avere Radonovich, Notre Dame of Maryland University
Examining Burnout in Critical Care Nurses After the COVID-19 Pandemic
14. Derin Sabir, Montgomery College
Determining the concentration of H₂O₂ in teeth whitening products by redox titration.
15. Daryna Soloviova, Towson University
Unconventional electromagnetic surface waves at the interface of two metals
16. Kay Walter, Towson University
Exploring Hospital Infrastructure to Combat Water Loss
17. Famous Yamoah, Montgomery College
CRISPR-Cas9: Producing a Transgenic Mouse Model of 34-bp Heterozygous Deletions of TMEM98 Gene Mutation

11:20 Welcome: Dr. Cynthia Cooper, Interim Provost, Towson University

11:30-12:30: Opening Plenary, WVC Ballroom

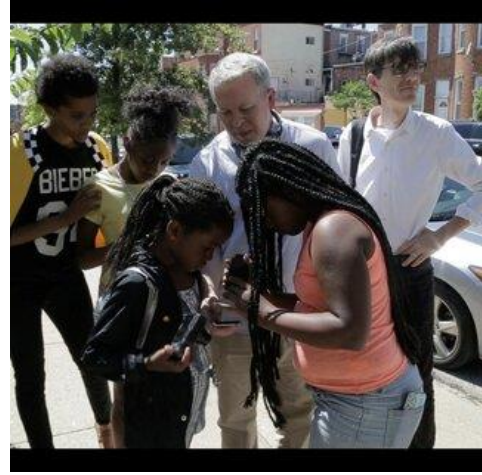
CCBC Students Speak: A Journey with the Green Book

Moderator: Adrienne Washington, Community College of Baltimore County

12:30-2:00 Lunch & Keynote Presentation
Dr. Matthew Durlington

The Principles of Engaged Research: Lessons from Baltimore

Matthew Durlington is a professor in the Department of Sociology, Anthropology & Criminal Justice at Towson University. He is an urban and visual cultural anthropologist and serves as the Executive Director for Community Engagement and Partnerships at Towson University. His research interests include suburban teenage heroin overdose phenomena; gated communities in South Africa; and housing, race, and gentrification in Baltimore.



2:00-2:15 Break

2:15-3:30 Session A

A1. Social Issues in Our Communities, WVC 304

Moderator: Elsbeth Mantler, Community College of Baltimore County

A'nya Cox, Chitpreet Kaur, Lydene Noble, Mary Scally, Community College of Baltimore County

A2. Practical Problems, WVC 305

Moderator, Dr. Bruce Thompson, Frederick Community College

1. Patrick Chamoun, Frederick Community College
Saving Honors: Scaling the Enrollment Cliff
2. Carla Kemtchouang, Frederick Community College
Calculus Approach for Ceiling Fans
3. Nathaniel Wachter, Frederick Community College
The I-270 Nightmare: Exploring Traffic Relief Plans for D.C. Commuters

A3. Ancient and Modern Justice, WVC 306

Moderator: Joan Naake, Montgomery College

1. Olivia Keller, Montgomery College
More Than "An Eye for an Eye": A Perspective on Aeschylus' Oresteia
2. Sarah Kreh, Frederick Community College
Innocence Behind Bars: DNA Exoneration
3. River Myer, Salisbury University
Medieval Antisemitism: A Medieval Religious Hatred That Developed into a Modern Racial Hatred

3:30-3:45 Coffee Break

3:45-5:15 Session B

B1. Women's Voices, WVC Ballroom

Moderator: Jai Devine, Towson University

1. Madalyn Piotter, Frederick Community College
Renaissance and Mannerist Female Artists: Success and Struggle
2. Summer Suliman, Montgomery College
A Plague to Our Culture: Female Genital Mutilation and Cutting in East Africa
3. Jahnaiya Sutherland, Montgomery College
Giving Black Women a Voice in the Workplace: Sponsorship in Corporate America

B2. Perspectives on Human Behavior I, WVC 304

Moderator: Dr. Terry Cooney, Towson University

1. Carl Brashears, Towson University
Music, Memory, and The Potential to Change Worlds
2. Olivia Davis, Salisbury University
Catching up with Cressey: Including Cressey's Fraud Triangle and the Triangle of Fraud Action in Fraud Detection
3. Isabel Malizia, Hood College
Does Hood College Vote?: A Case Study of Political Knowledge and Voting on the Hood College Campus

B3. Science Straight Up and with a Twist, WVC 305

Moderator: Kara Rogers Thomas, Frostburg State University

1. Sarah Bianca, Salisbury University
Prescription of SSRI's as a Frontline Treatment
2. Will Hunter, Towson University
Biological Micro-Locomotion
3. William O'Boyle, Frostburg State University
The Value of Creative Writing in the Natural Sciences and STEM

B4. Issues in International Affairs, WVC 306

Moderator: Walter Donoughe, Towson University

1. Normand Bayigamba, Montgomery College
Modern-Day Eugenics: Eurocentrism in Rwandan Genocide Scholarship
2. Nikki Golembowski, Towson University
Dignified, Orderly, and Safe for All: An Analysis of the International Organization for Migration's Mission, Effectiveness, and Connection to the Baltimore Area
3. Marina Martins, Montgomery College
The Incidental Crisis: A Comparative Study about the Refugee Dilemma during World War II

5:15-6:00 Speed Dating

This is our transfer and graduate program fair. All institutions are invited to participate. Tables will be available. Bring your literature, swag, and recruiters!

5:45-6:30 Student Caucus and Networking Meeting (all welcome)

Moderators: Darryl Peterkin, Samantha Santoro, and Betsy Yarrison

5:45-6:30 Faculty Nuts & Bolts & Networking Meeting (all welcome)

6:30-8:00: Dinner and awards presentation

MCHC Executive Board

Portz Nominees from Two-Year Colleges



*Marielle Amigos
Montgomery College*

*Katherine Duckworth
Frederick Community College*



*Stacy Jones
Community College of Baltimore County*



*Shaniqua Singleton
University of Baltimore*

*Elizabeth Wash
Salisbury University*



*Phuong Dinh Nguyen
Towson University*

*Isabel Malizia
Hood College*



Portz Nominees from Four-Year Colleges

Saturday, February 25, Cyberspace (University of Baltimore, virtual host)

9:00-10:15 Session C

C1. Perspectives on Human Behavior II, Breakout Room 1

Moderator: TBD

1. Ian Njenga, Montgomery College
Are Election Exit Polls Biased?
2. Usoff Samantar, Frederick Community College
Does Music Affect Risk Taking?
3. Andressa Viscone, University of Baltimore
"I won't stand for it!" The Role of Meaningfulness in Life in Employees' Decision to Leave a Noxious Work Environment

C2. Potpourri, Breakout Room 2

Moderator: Kara Rogers Thomas, Frostburg State University

1. Maddox Hancock, Frostburg State University
Catfish Country: The Culture and Economics of Mississippi's Best Idea
2. Sydney Redford, Towson University
The Aftermath of War and Its Effects on Children with Disabilities

C3. Celebrating Native American History and Heritage, Breakout Room 3

Moderator: Dr. Betsy Yarrison, University of Baltimore

1. Skylar Blackbull, McDaniel College
The Unbreakable Code
2. Katherine Duckworth, Frederick Community College
Reclaiming the Past: The Biggs Ford
3. Rebekah Opher, University of Baltimore
A Multidisciplinary Study of the Self-Determination of the Mescalero Apache

C4. Science and Nature, Breakout Room 4

Moderator: TBD

1. Jonathan Cleary, University of Baltimore
Aeroponic Food Growing Systems
2. Kaylie Musard, Frederick Community College
Polar Petals: Using Graphs of Polar Equations to Replicate Common Flowers and Their Surface Area
3. Avery (Jasper) Teal, Montgomery College
Sound Healing

10:30-11:45 Session D

D1. Women's Voices, Breakout Room 1

Moderator: Dr. Betsy Yarrison, University of Baltimore

1. Serena Brontide, University of Baltimore
You Couldn't Drown a Hurricane
2. Kate Cramer, McDaniel College
A Woman's Place: A Studio Art Investigation of the Role of Women in Society

D2. Cybersecurity, Breakout Room 2

Moderator: PD Nguyen, Towson University

1. Alfred Alexander, Montgomery College
Securing Data
2. Colin Poag, Towson University
From Russia with Love: How to Cause Mass Destruction with a Keyboard

D3. Math in Real Life, Breakout Room 3

Moderator: Dr. Bruce Thompson, Frederick Community College

1. Amanda Tsai, Frederick Community College
Applications of Linear Algebra in Cryptography
2. Zoey Tsai, Frederick Community College
Search Ranking Algorithms: An Application of Linear Algebra

D4: Health Politics, Breakout Room 4

Moderator: Dr. Alison McCartney

1. Kerri Donohue, Frederick Community College
What is Fair and Inclusive? Transgender Women in Sports
2. Garrett Hitchens, Hood College
Sponsorship Bias in Nutritional Research: How Money Shapes the American Diet

D5. Potpourri II, Breakout Room 5

Moderator: Walter Donoughe

1. Carly Nascembeni, Salisbury University
Do Prisoners Need Ethics or Does Ethics Need Prisoners?: Ethics Education in Prison Combats Epistemic Injustice
2. Marie Well, Montgomery College
Reading and Writing History - Our Story - the Only Story that Connects us All

11:45-1:00 Closing Plenary

Finding Our Voices: Maryland Honors Students Speak

Stacy Jones, Community College of Baltimore County, Sarah Kreh, Frederick Community College, Nikki Singleton, University of Baltimore; Elisabeth Wash, Salisbury University,
Moderator: Samantha Santoro, Towson University

Zoom links for 2023 MCHC Conference

Friday, February 24

Topic: MCHC conference

Time: Feb 24, 2023 11:00 AM Eastern Time (US and Canada)

Join Zoom Meeting

<https://towson-edu.zoom.us/j/96540342569?pwd=eWUycEZNZHVmQWdNR1QyODdqYmg2UT09>

Meeting ID: 965 4034 2569

Passcode: 32431222

One tap mobile

+13017158592,,96540342569#,,, *32431222# US (Washington DC)

+13092053325,,96540342569#,,, *32431222# US

Saturday, February 25

<https://ubalt.zoom.us/meeting/register/tJYlce6sqz4sHdb1QPfEATKTxlFAwQPC1L4u>