

# Posters on the Bay 2024

# Presentations

**Wren Adkins** - Wicomico County

Project Title: Synthesis and Characterization of Fe(II) Complexes Exhibiting Temperature Dependent Spin Transition

Faculty Mentor: Seth Frieze

**Brian Bowers** - Montgomery County, **Bryan Yoder** - Anne Arundel County, **Mark Schweitzer** - Wicomico County, **Isaac Dugan** -

Frederick County, **John Meyers** - Baltimore County

Project Title: bathmap.net

Faculty Mentor: Sophie Wang

**Madison Cuthbert** - Montgomery County

Project Title: Government Warnings and Local Knowledge: The Case of the Plymouth Tubing Company Factory

Faculty Mentor: Michael Lewis

**Lillian Fooks** - Queen Anne's County

Project Title: It is a Bird Eat Bird World: Potential Differences in Diets of Red vs Grey Eastern Screech Owls (*Megascops asio*)

Faculty Mentor: Eric Liebgold

**Siddharth Ghosh** - Wicomico County

Project Title: Effects of Aircraft Produced Sonic Booms on Marine Life

Faculty Mentor: Noah Bressman

**Stefani Lanahan** - Dorchester County

Project Title: Determining the Relationship Between Shape and Charge in Electrospray Ionization

Faculty Mentor: David Kiefer

**Dominick Lepke** - Baltimore County

Project Title: Project Decentralized Reporting Standards

Faculty Mentor: David P. Weber

**LaMaree James** - Prince George's County, **Stephora Cesar Alberi** - Wicomico County, **Andersen Herman** - Wicomico County

Project Title: Road Safety on the West Side of Salisbury

Faculty Mentor: Ryan Weaver

**Sydney Jett** - Anne Arundel County

Project Title: Skinniness and Success: The Media's Promotion of Body Image and Behavior Associations in Women

Faculty Mentor: Viktoria Basham

**Makenzie Kennedy** - Cecil County, **Richard Brown** - Wicomico County, **Peyton Rayne** - Wicomico County, **Hannah Bertholdt** - Carroll County

Project Title: Forget-Me-Nots

Faculty Mentor: Ryan Weaver

**Logan Lankford** - Somerset County

Project Title: Post Pandemic Innovations: Closing the Gap in Children's Social-Emotional Learning Through Creative Arts

Faculty Mentor: Viktoria Basham

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**Lian Peach** - York County, Pennsylvania, **Abigail Potter** - Carroll County, **Margaret Atherton** - Penobscot County, Maine  
Project Title: Presidential Citizen Scholars: Period Power  
Faculty Mentor: Ryan Weaver

**Abigail Potter** - Carroll County  
Project Title: Contraceptive Access in Lower Eastern Shore MD  
Faculty Mentor: Brandye Nobiling

**Nero Schrader** - Fairfax County, Virginia  
Project Title: Homeless Job Fair  
Faculty Mentor: Ryan Weaver

**Jane Simoncic** - Anne Arundel County  
Project Title: The effects of Lavendustin-A on peripheral nerve degeneration in hyperglycemic zebrafish (*Danio rerio*)  
Faculty Mentor: Jessica Clark

**Emma Tarquinio** - Frederick County, **Bryce Machalek** - Montgomery County, **Charles Laird** - Somerset County  
Project Title: Bioremediation of Urban Runoff at BISM  
Faculty Mentor: Ryan Weaver

**Veronica Velarde** - Montgomery County  
Project Title: Influential Factors of Physical Activity: A Comparison of Three Different Universities.  
Faculty Mentor: Susannah Taylor

**Jarrett Walton** - Carroll County  
Project Title: Policies of the Tudor Court: The Change and Development in Policy Under Henry VII and Henry VIII from 1500-1532  
Faculty Mentor: Kristen Walton

**Elizabeth A. Wash** - Charles County, **Hayden Davis** - Kent County, **River Myer** - Carroll County,  
Project Title: Accessible Public Restroom in Downtown Salisbury  
Faculty Mentor: Ryan Weaver

**Daniel Whiddon** - Howard County, **Aslynn Gorkos** - Baltimore City, **Aidan Stanislavsky** - Wicomico County, **Joshua Adey** - Baltimore County  
Project Title: Flag Football in West Salisbury  
Faculty Mentor: Ryan Weaver

**Luke Zolenski** - Worcester County  
Project Title: Visualization of Sound  
Faculty Mentor: Don Spickler

**Sean Zupnik** - Frederick County  
Project Title: Effects of Blood Flow Restrictive Bicep Curl Exercise on Arterial Stiffness  
Faculty Mentor: Timothy Werner

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