

AGNR DISCOVERY & INNOVATION NIGHT



STUDENT PRESENTERS

"Climate-Resistant Development in the Mekong Delta" - Study Abroad in Vietnam

Vivian Maneval

*Environmental Science & Policy;
Marine and Coastal Management*
vmaneal@terpmail.umd.edu

Comparative Quantitative Analysis of Cochlear Nuclei in Archosaurs and Lepidosaurs

Rebeca Fuquen

*Animal Science: Science/Pre-
Professional*
Studio Art (double degree)
rfuquen@terpmail.umd.edu

Agriculture Future of America Leaders Conference 2023

Sophie McCloskey

*Agricultural Science and Technology;
Environmental Horticulture*
Smcc789@terpmail.umd.edu

Julianne Vengroski

*Animal Science: Science/Pre-
Professional*
Vengroskij@gmail.com

Australian Wildlife while Studying at the University of Sydney

Katherine Spangenberg

*Animal Science: Animal Care &
Management*
kspang25@terpmail.umd.edu



STUDENT PRESENTERS

Changes in the Determinants of Travel Demand for the Washington DC Metrorail Systems after COVID-19: Influencing Sustainable Urban Development

Janna Chapman

*Environmental Science & Technology
Geographical Sciences
jkchap16@umd.edu*

Chemical Composition of Elderberry Extract and its Inhibitory Effect on SARS-CoV-2 Spike Protein and ACE2 Binding, and Radical Scavenging Properties

Melody Zeng

*Biological Sciences: Cell Biology and Molecular Genetics
mzeng12@terpmail.umd.edu*

Dairy Club: AGNR's Newest Extracurricular

Laura Jean Maher

*Agricultural Science & Technology:
Agricultural & Extension Education
lmaher@terpmail.umd.edu*

Thomas Podles

*Animal Science: Science/Pre-Professional
tpodles@terpmail.umd.edu*

Developing a Community Garden Solar Tool Shed

Maria Berezina

*Environmental Science & Technology: Ecological Technology & Design
berezina@terpmail.umd.edu*

Anushka Tandon

*Environmental Science & Technology: Ecological Technology & Design
atandon1@terpmail.umd.edu*



Designing and Planning a Garden at Mario Loiderman Middle School to Alleviate Food Insecurity in a Food Desert

Caleb Austin

Landscape Architecture
caustin4@terpmail.umd.edu

Elia Choi

Landscape Architecture
ychoi1@umd.edu

Grazelle Giray

Landscape Architecture
ggiray@terpmail.umd.edu

Christina Le

Landscape Architecture
cle27846@terpmail.umd.edu

David Phan

Landscape Architecture
dmphan@terpmail.umd.edu

Edamame Pollinator Internship

Lucy Hayes

Environmental Science &
Technology: Ecological Technology
& Design
lhayes13@umd.edu

Fermentation Science

Maya Mulligan

Fermentation Science
mayafay@terpmail.umd.edu

Primate Keeper Internship

Michaela Riedel

Animal Sciences
mriedel@umd.edu

Precision Agriculture

Abigail Selnick

Agricultural Science and
Technology: Environmental
Horticulture
aselnick@umd.edu



STUDENT PRESENTERS

Exploring the World
Beneath Our Feet:
Join the Maryland Soil
Judging Team

Gabriel Acevedo

*Environmental Science &
Technology: Soil and Watershed
Science*
Acevedogabri99@gmail.com

Exploring the
Relationship between
Muscle Cellularity and
Mass in Rainbow
Trout
(*Onocorhynchus
mykiss*)

Akash Raghu

*Biological Sciences: Physiology and
Neurobiology*
akashr@terpmail.umd.edu

High-Pressure Liquid
Chromatography
(HPLC) Method
Development and
Optimization for
Dicarboxylic Acid
Quantification

Jillian Wimbush

*Environmental Science & Technology:
Ecological Technology & Design*
jwimbush@terpmail.umd.edu

Maryland Farm
Bureau Legislative
Internship:
Advocating for
Agriculture in
Annapolis

Olivia Scuderi

*Animal Science: Animal Care &
Management*
oscuderi@terpmail.umd.edu



Integrating Programmatic Enhancements into the Old Woman Creek NERR Phenological Species Monitoring Program

Jason Manzon

*Environmental Science &
Technology*
jmanzon@terpmail.umd.edu

MANRRS: National Conference Experiences and Opportunities

Ashley Fennell

*Agricultural and Resource
Economics: Agribusiness*
afennell@terpmail.umd.edu

Noah Lee

*Environmental Science &
Technology: Ecological Technology
& Design*
nlee1239@terpmail.umd.edu

Maryland Farm Bureau: Professional Development Opportunities for Student Members

Raven Herron

*Animal Science: Science/Pre-
Professional*
Rherron1@umd.edu

Cheyenne Van Echo

*Animal Science: Science/Pre-
Professional*
cvanecho@terpmail.umd.edu

Reflecting on Experiences with AFA: Ambassador Program, Technology and Sustainability Institutes

Grace Tisone

Plant Sciences: Plant Biology
Gtisone@terpmail.umd.edu



Terps Feeding Terps: Supporting Campus Food Security Through the UMD Campus Food Gardens & Campus Pantry

Daniel Feliciano

*Environmental Science &
Technology: Natural Resources
Management*
dfelici3@terpmail.umd.edu

Nicole Miko

*Biological Sciences: Physiology and
Neurobiology*
Public Health Science
nmiko@terpmail.umd.edu

Grace Walsh-Little

*Environmental Science & Policy:
Culture and the Environment*
gwalshli@terpmail.umd.edu

Sigma Alpha Sorority Professional Development

Alyssa Hottle

*Agricultural Science and Technology:
Environmental Horticulture*
Ahottle1@terpmail.umd.edu

Sarah Peltzer

*Combined Agricultural and Veterinary
Medicine*
Speltzer@terpmail.umd.edu

Natural History Research Exoerence

Mary Gbenro

*Environmental Science & Policy:
Environmental Geosciences and
Restoration*
mgbenro1@terpmail.umd.edu

Veterinary Fellows in the Fashion Capital: Pre- Veterinary Experience in Milan

Katerina Fortouna

*Animal Science: Science/Pre-
Professional*
Kfortoun@terpmail.umd.edu

Penelope Topouzoglou

*Animal Science: Science/Pre-
Professional*
ptpouz@terpmail.umd.edu



The Case For UMD's
Arboretums as a
Nexus of Urban
Forestry, Modernizing
Educational Spaces,
and Achieving The
United Nations's
Sustainable
Development Goals

**Esther Pereira Trostler
Feron**

*Environmental Science & Policy:
Land Use
Agricultural Communication and
Leadership (IAA Certificate)*
eferon@terpmail.umd.edu

Summer Internship in
the Food Microbiome

Kevin Lam

*Nutrition and Food Science: Food
Science*
Klam1238@terpmail.umd.edu

Please take a brief moment to
complete our event survey:



<https://go.umd.edu/3VKuppl>

On behalf of the students, faculty, and staff
of the College of Agriculture and Natural
Resources **THANK YOU** for joining us
this evening.

Our students benefit greatly from your support and
engagement. We hope you will stay in touch! You can
email us at AGNRCareers@umd.edu.