

# MACKENZIE LONGO

EDUCATOR, SCIENTIST, & ADVOCATE

## CONTACT



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468 Ohio Avenue  
Beaver, PA 15009

## CERTIFICATION

STATE OF PENNSYLVANIA

Teacher License, 7-12 Biology

## EDUCATION

BACHELOR OF SCIENCE IN BIOLOGY;  
DEGREE IN HONORS

Seton Hill University

Greensburg, PA | May 2023

PA SECONDARY 7-12 CERTIFICATION  
PROGRAM

Seton Hill University

Greensburg, PA | May 2023

MASTER OF SCIENCE IN BIOLOGICAL  
SCIENCES

University of Northern Colorado

Greely, CO (DE) | Current

## PROFESSIONAL AFFILIATIONS

National Science Teachers  
Association | 2023 - Present

Pennsylvania State Educators  
Association | 2022- Present

## PROFILE

- High school educator who aims to make science fun, engaging, and applicable to all students, and strives to empower students to challenge the stereotypes in STEM.
- Effective and timely communicator with students, families, colleagues, and administrators, including basic fluency in Spanish.
- Skilled practitioner with experience in various biology, health sciences, and other science disciplines who uses real life connections, examples, and laboratory exercises to engage students.

## PROFESSIONAL EXPERIENCE

HIGH SCHOOL HEALTH SCIENCE TEACHER | LINCOLNPARKPERFORMING  
ARTS CHARTER SCHOOL

AUG. 2023 - CURRENT | Midland, PA

- Full-time teacher instructing in Health Sciences including Anatomy 1 and 2, Reproductive Health, Growth and Development, Medical Terminology, and Toxic Substances to classrooms of up to 34 students in grades 9-12
- Designed and implemented curricula for four different courses
- Established rapport with students, parents, and critical family members; using Spanish speaking skills as needed
- Enhances student engagement for learning science through laboratory exercises, peer collaboration, and direct instruction
- Participates in a cross-departmental Professional Learning Community
- Plays integral role in assisting department director with general duties, including the creation of a departmental honor society and club.
- Coordinate student enrichment trips, including Women in Science Awards at Seton Hill University, and an annual cohort of students to Allegheny General Hospital's Surgery Observation program

SUMMER CAMP INSTRUCTOR | PENN STATE BEAVER

JUNE 2023 – CURRENT (SEASONAL) | Monaca, PA

- Designed, planned, and implemented engaging science lessons for two different summer camps, including Crime Scene Investigation Camp (Ages 9-14) and Ingenious Science Camp (Ages 6-9)
- Coordinated with campus staff, Campus Police, and State Police to use all possible resources for students while staying within budget
- Adapts lessons annually to ensure repeat students have a unique experience each year

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## AWARDS

SCOTT ENDOWED BIOLOGY  
SCHOLARSHIP

Seton Hill University | 2023

TROUTMAN MEMORIAL AWARD FOR  
EDUCATION

Seton Hill University | 2023

RUTH O'BLOCK GRANT SCHOLAR

Seton Hill University | 2021 - 2023

## PROFESSIONAL REFERENCES

Amanda Willard, Ph.D.

Director of Undergraduate Studies,  
Dept. of Biological Sciences

Carnegie Mellon University

C: 724.991.8153

E: [awillard@cmu.edu](mailto:awillard@cmu.edu)

Monica Graziani, Ed.D.

Cooperating Teacher

Franklin Regional High School

C: 724.413.2457

E: [mgraziani@franklinregional.k12.pa.us](mailto:mgraziani@franklinregional.k12.pa.us)

April Gallagher

Spanish Teacher

Lincoln Park Performing Arts Charter

School

C: 724.513.8366

E: [april.gallagher@lppacs.org](mailto:april.gallagher@lppacs.org)

## EXPERIENCE CONTINUED

STUDENT TEACHER | FRANKLIN REGIONAL HIGH SCHOOL

JAN. 2023 - APRIL 2023 | Murrysville, PA

- A full-time student teacher instructing in Honors Anatomy and Physiology, Forensic Science, and Project Lead the Way: Human Body Systems to classrooms of up to 28 students in grades 9-12
- Established rapport with students through classroom community building
- Enhanced student engagement for experiential science learning through maintaining a collaborative learning classroom environment and leading laboratory exercises
- Observed, planned, and taught various levels of classes adapted based on both student and schedule needs
- Completed professional development in new NGSS standards, CRASE training, and curriculum design and planning

## RELATED EXPERIENCE

COMMUNITY VOLUNTEER | Greater Pittsburgh Area, PA | 2022 - Current

- Vice President of Communications for the Junior League of Pittsburgh completing various volunteer and fundraising experiences for and with underserved communities
- Local Chairperson for the Distinguished Young Women of Beaver County Program, a 501c (3) nonprofit, securing over \$1400 in cash scholarships annually and providing personal development opportunities for high school juniors

THEEXCELLENT EXPERIMENTAL STEM EXPERIENCE, CREATOR AND DIRECTOR | Beaver, PA and Greensburg, PA | 2021 - Current

- Designed, coordinated, and implemented STEM-based kits with corresponding curriculum in four different schools
- Secured donations and grants for funding and coordinated volunteers through kit assembly
- Created a corresponding YouTube Channel featuring live demonstrations
- Awarded four highest passing scores from the Seton Hill Honors Program for excellence