

MACKENZIE LONGO

EDUCATOR, SCIENTIST, & ADVOCATE

CONTACT



724.622.8107



longomj21@gmail.com



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 | LINCOLN PARK PERFORMING
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

Monica Graziani, Ed.D.

Cooperating Teacher
Franklin Regional High School

C: 724.413.2457

E: mgraziani@franklinregional.k12.pa.us

April Gallagher

Spanish Teacher

Lincoln Park Performing Arts Charter
School

C: 724.513.8366

E: 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

THE EXCELLENT 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