

Angela Hood

Education Program Leader · Math and Science Tutor

PROFILE SUMMARY

Experienced science educator dedicated to inclusive, interdisciplinary, and equitable science education. Committed to student-centered, phenomenon-based, and three-dimensional learning. Proficient in multiple learning management systems, productivity software suites, and collaboration platforms. Adaptable and quick thinker, known for strong collaboration and leadership skills. Lifelong learner with a passion for discovery and continuously expanding knowledge.

CONTACT

(734) 680-6127

amhood@umich.edu

Baltimore, MD

[linkedin.com/in/amhood85](https://www.linkedin.com/in/amhood85)



PROFESSIONAL EXPERIENCE

Education Program Leader

March 2023 - present

Cary Institute of Ecosystem Studies, Baltimore, MD

- Collaborate with a wide range of stakeholders including educators, administrators, and researchers.
- Organize and lead professional learning to support 3D science instruction and integration of Earth and Space Science standards into Life and Physical Science courses.
- Engage in research tasks to collect student and teacher data to support project goals
- Manage logistics and budgetary aspects of EarthX and Urban Critical Zone education projects.
- Present EarthX and Critical Zone education efforts at local and regional conferences.

EDUCATION

M.A.T. Secondary Education

Eastern Michigan University
2017

B.S. International Political Economy

University of Michigan
2014

A.S. Science

Alpena Community College
2010

Secondary Science Educator: Earth Science - Chemistry - AP Environmental Science

November 2018 - March 2023

Ann Arbor Pioneer High School, Ann Arbor, MI

- Maintain written and verbal communication between students, parents, and administration.
- Monitor the progress of over 120 students throughout the academic year.
- Design and implement accessible and equitable educational opportunities for diverse learners.
- Adapt instruction and create curriculum for in-person, online, and hybrid learning aligned with the Next Generation Science Standards.
- Coordinate and collaborate with colleagues to improve student outcomes.
- Mentor new science teachers.
- Utilize Schoology, PowerSchool, and Google Classroom learning management systems.
- Collaborate with the University of Michigan and Eastern Michigan University to host Bachelor's and Master's degree candidate intern teachers.

CERTIFICATES AND AWARDS

CITIE Program Certificates:

Social-Behavioral-Educational
Researchers, Responsible
Conduct of Research for
Research Staff
2023-2027

Sigma Xi Teacher of the Year

UofM Chapter, Co-recipient
2023

Teacher Learning Network Facilitator

August 2020 - August 2022 (position dissolved)

Ann Arbor Pioneer High School, Ann Arbor, MI

- Organize and lead weekly virtual professional development sessions for science teachers across the district.
- Coordinate curriculum adaptation for the transition to virtual education during the 2020-21 academic year.
- Lead district-wide efforts to promote inclusive, accessible, and multicultural science education.

KEY SKILLS

Curriculum Development
Conflict Resolution
Creative Problem Solving
Time Management
Multitasking
Stakeholder Support
Collaboration
Proficiency in Google Suite
Proficiency in Microsoft Suite
Adaptability
Empathy
Budget Management
Purchasing Orders
Professional Development
French Language (beginner)

- Facilitate communication and collaboration between all high schools in the district.

Math and Science Tutor

September 2016 - Present

Mally A.C.T., West Bloomfield Twp., MI

- Assist students in engaging with and comprehending secondary math and science curriculum.
- Create individualized supports for students preparing for SAT/ACT exams.
- Help students build confidence in their learning abilities.
- Maintain comprehensive student progress logs.