

## **CLAUDIA FOERG**

Royal Oak MI 48073

### **Professional Statement**

As a dedicated Science Educator with over 25 years of experience, I am committed to fostering a deeper understanding of environmental science, climate change, and sustainability among students. By developing opportunities for meaningful hands-on experiences in outdoor education, students will be inspired to become more active in environmental stewardship. My goal is to empower students with the knowledge, skills and hope to drive positive environmental change, fostering a generation of informed and responsible global citizens.

### **Work History**

#### **2023-2024 Cranbrook-Kingswood Schools, Faculty**

- Science Educator: AP Biology, designed class materials and hands-on experiences.
- Developed a watershed analysis unit for all AP biology classes.
- Senior Class Moderator

#### **2002-2023: U of D Jesuit High School & Academy, Faculty**

2018-2023 Science Faculty.

- Created and implemented an outdoor education element to the biology curriculum, engaging students to investigate the relationship between human actions and environmental health.

2010-2018: Science Department Chair

- Oversaw 12 science, physical education, and technology teachers, curriculum development, and budget allocations.
- Developed a robust science curriculum catering to students of all levels and interests.
- Facilitated the Shell-Eco Car Program, one of the few high schools in Michigan participating. Students built energy efficient cars competing across North & South America.
- Co-designed a STEM research class, pairing students with local university professors for original research projects.
- Implemented a freshman science/math support program to ensure student success.
- Developed a sophomore-freshman mentoring program to acclimate new students.
- 2002-2023: Science Educator
- Developed and implemented curriculum for Honors Biology, AP Biology, and Anatomy & Physiology.

#### **1995-2002: Oak Park High School, Oak Park, MI**

- Science Educator: Taught Biology and Physics.

## **Projects/Service Work**

### **2018-Present: 4H Volunteer**

#### **2023-Present: Ribbon Farms**

- Worked with youth ages 5-18 in the 4H programs.

### **2018-2022: Pingree Farms**

- Part-time farm manager, care of animals, setting up volunteer schedules, developing curriculum for visiting school groups, and providing opportunities for 4H members to learn about animal care, sustainable agriculture and biosecurity.

## **U of D Jesuit High School & Academy, Detroit, MI**

### **2017-2023: Labre Ministry Coordinator**

- Worked with students to provide fellowship and food to the homeless of Detroit. This weekly program now includes 20 students and returning alumni who serve throughout the year.

### **2016-2023: Science Outreach**

- Developed an after-school science enrichment program at Munger Elementary and Bates Academy, conducting age-appropriate science experiments.

### **2016-2023: Science Explosion Night**

- Organized an evening of science experiments for middle school students from the Metro Detroit area, with faculty providing hands-on science activities.

### **2004-2023: Immersion Service Trips**

- Served as an adult leader and coordinator on service trips ranging from local week-long trips to 10-day trips to Central America. Duties included preparing students, leading reflections, and collecting donated materials. Accompanied Brother Jim Boynton to Guatemala for a medical mission with alumni.

## **Education**

- MAT: Wayne State University
- BS Biology: Wayne State University
- Ignatian Leadership Program Certification: Jesuit Schools Network, 2017

## **Certifications**

- Professional Teaching Certificate, State of Michigan
- Certified Environmental Educator MAEOE (accredited by NAAEE)