

# Beyond Benign 2021 Online Courses for High School Science Educators

## Introduction to Green Chemistry

June 7 – August 2, 2021

Looking to create a safer more engaging learning environment for your students? This course will equip you to integrate green chemistry principles and practices into your classroom by teaching through real-world sustainable innovations. Develop safer labs and lessons aligned to your local standards in an interactive online environment that allows you to go at your own pace.

**INSTRUCTOR:**

**Cassandra Knutson**, Beyond Benign Certified Lead Teacher. Cassie, earned her Master's Degree in Science Education and Online Distance Learning Certificate from University of Minnesota in 2013. She earned ACS-CEI Award for Incorporating Sustainability into Chemistry Education in 2018. She has been leading green chemistry trainings and developing green chemistry curriculum since 2016.

**Participation and Fees Both Courses:**

**\$475:** Payable to Beyond Benign at registration

**\$140** (optional): Payable to Colorado School of Mines for 3 graduate credits

**Register by May 15, 2021 at:**

<https://www.beyondbenign.org/k12-online-courses/>

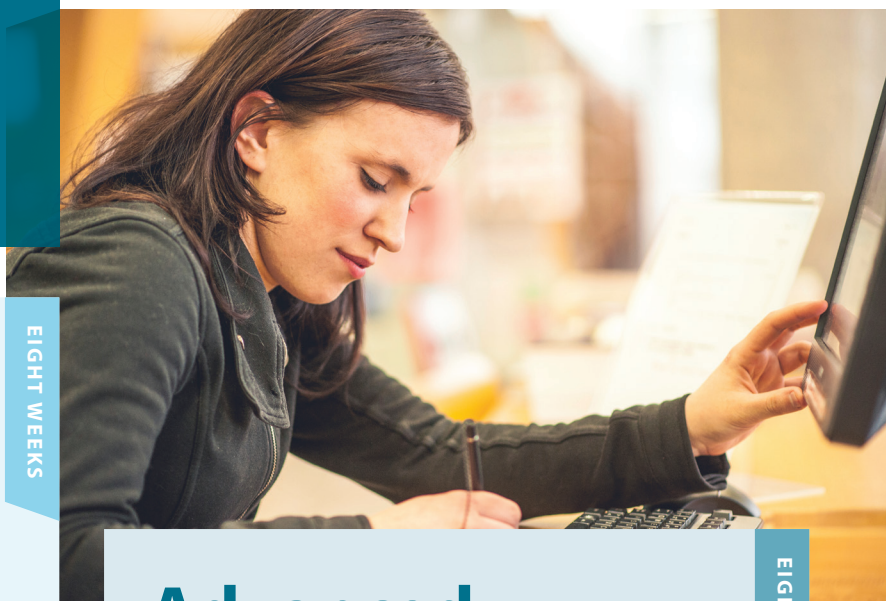
WA teachers will receive ½ off registration thanks to sponsorship from WA State Dept. of Ecology's code: **ECOLOGY2021**

WA teachers will be eligible to receive **48 STEM Clock hours** Educational Service District 112

**For more information contact:** Jane Butler

[jane\\_butler@beyondbenign.org](mailto:jane_butler@beyondbenign.org)

EIGHT WEEKS



## Advanced Green Chemistry: Connections to Our World

June 7– August 2, 2021

Ready to take green chemistry to the next level in your classroom? In this course you will expand your knowledge of green chemistry principles and practices by analyzing Green Chemistry Challenge Awards. In addition, you will investigate the pedagogy for effective guidance of student-based research projects. Forum discussions and assignments will be featured along with 4 synchronous Zoom sessions:

- Dates TBD

**INSTRUCTOR:**

**Tanya Elmer**, Beyond Benign Lead Teacher. Tanya earned her Master's in Educational Leadership in 2005 and has been teaching chemistry for 20 years. Tanya serves as an adjunct chemistry instructor at Northwest Nazarene University and is a former Idaho Science Teacher of the year for her region. She has been practicing green chemistry with her students since 2014.

EIGHT WEEKS



**beyondbenign**  
green chemistry education

**About Us:** Beyond Benign's mission is to develop and disseminate resources that empower educators, students and the community to practice sustainability through green chemistry.