

Beyond Benign

2018 Online Courses for High School Science Educators

Introduction to Green Chemistry

EIGHT WEEKS

June 11 – August 6, 2018

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:

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.

Participation and Fees Both Courses:

\$450: Payable to Beyond Benign at registration

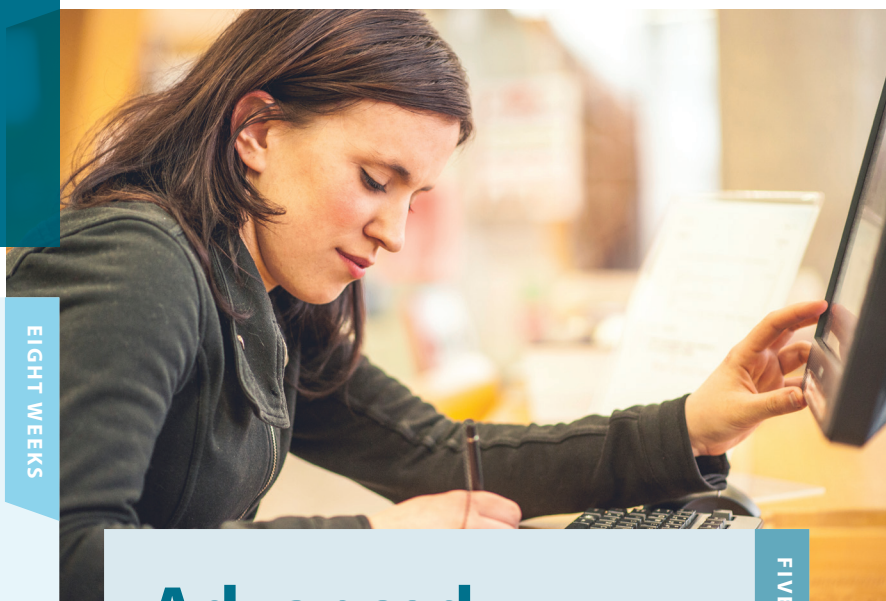
\$135 (optional): Payable to Colorado School of Mines for 3 graduate credits

WA teachers will receive **½ off registration** thanks to sponsorship from WA State Dept. of Ecology

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

Register by May 25, 2018 by contacting Kate Anderson:
Kate_anderson@beyondbenign.org

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. The organization works to prepare the current and next generation to create and choose sustainable, economical and effective products by institutionalizing green chemistry, filling a knowledge gap for scientists and community members.



Advanced Green Chemistry: Connections to Our World

FIVE WEEKS

June 11 – July 23, 2018

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 Presidential Green Chemistry Challenge Award technologies. In addition, you will investigate the pedagogy for effective guidance of student-based research projects and inquiry-based projects.

INSTRUCTOR:

Ann Lambert, Beyond Benign Lead Teacher. Ann, earned her Master's Degree in Secondary Education from Eastern Nazarene College and achieved National Board Certification in 2002, with a specialization in chemistry. She has been leading green chemistry trainings and writing curriculum with Beyond Benign since 2010.



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green chemistry education

www.beyondbenign.org