Wicked Problems: Investigating real world problems in the biology classroom
June 18-23, 2018
Harvey Mudd College
Claremont, California
https://qubeshub.org/groups/summer2018

Climate change. Emerging infectious diseases. Water quality. Crop production. We invite you to explore how to use wicked problems like these to engage your students in your classroom, and beyond. Wicked problems are open-ended, complex problems without clear solutions, which involve both social and scientific challenges. These problems are a space to add effective pedagogical approaches such as case pedagogies, and community based or place-based learning. Wicked problems also provide a rich space to include systems thinking, interdisciplinary approaches, and quantitative skills such as data science and modeling.

Wicked problems require diverse problem solving strategies, so we encourage you to bring a colleague from another discipline who would be interested in working on wicked problems. BioQUEST has always been an interdisciplinary group, and we welcome colleagues outside biology who are interested in working on biological problems.

This workshop is appropriate for future faculty, college faculty from two and four year institutions, and high school faculty teaching advanced or AP biology. Given the breadth of the topic, all biological disciplines from molecular biology to ecology will find a niche. Faculty from other disciplines are welcome as well, and we encourage teams to apply.

Application deadline: April 2, 2018
Application: https://qubeshub.org/groups/summer2018/application

Please contact the organizers with any questions:
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