



# Discovery Corps Senior Fellowship: Integrating the "bio" into the environmental biogeochemistry of the arsenic project.

CHE 0725257. Julian Tyson, University of Massachusetts Amherst.

## Broader Impacts

Research integrated with teaching via the further development of an independent study program, in which first-year students engage in authentic research in small groups mentored by upper-level undergraduates.

Underrepresented K-12 students and teachers will participate in guided inquiry activities related to arsenic in their local environments.



Grad student in middle school class

CCA pressure-treated wood: a potential source of arsenic



VIEWIXGEN

Teachers learn to measure arsenic.



Undergrads work on independent studies and summer REU.



Students work on projects after school.

