

Table of Learning Objectives of the RETUrN Learning Community linked to Public Policies and Civic Engagement

Science Learning Objectives	Sociology Learning Objectives	Public Policies and Civic Engagement Aspects
How does Sociology and Chemistry allow us to understand the reclaiming and the redevelopment of Superfund sites?		
Investigate basic concepts of 1) environmental risk assessment. 2) reaction chemistry including spectroscopic methods	Synthesize key terms and concepts in urban, medical and environmental sociology Ability to integrate these materials	1) Superfund site designation; Environmental risk documentation; and Superfund clean-up process. 2) Urban Renewal and Public Health Policy.
How is risk assessment linked to reuse planning for Superfund sites?		
Environmental Risk Assessment and Human Health Hazards	Environmental Risk Assessment and Human Health Hazards	Prepare students to be more adept as citizens, for example, attending Superfund RAB meetings where data would be presented.
Quantify elements or compounds and relate it to human health risks. Analyze field experiment data.	Cost/Benefit Analysis of change, especially for the most vulnerable.	Policy to alleviate or reduce homelessness.
How do you create a new community on a Superfund site?		
Remediation Technologies and their chemical reactions. for remediation. Communicate data and acknowledge parameters of ambiguity on the remaining chemicals. Critique EPA Videos Prepare video and poster materials.	Define the basics or parameters of a livable community and recognize different community perspectives. Write papers on these social issues, incorporation the various voices.	Introduced class to the aspects of the public input. Presented posters to public and College community.