The complex intertwining of human systems and natural systems are increasingly visible as societies are grappling with profound issues like racial justice, public health, and economics, amidst and shaped by rapidly shifting ecological systems and changing climates. Given these realities, what kinds of education do we need for human worlds and natural worlds to be generatively intertwined such that justice and sustainability are achievable? What kinds of knowledge, reasoning, and decision-making do we need to cultivate? What forms of political and ethical sensibilities do we need? In this talk I present two participatory design-based research projects focused on developing models of interdisciplinary field-based science education that are grounded in cultivating socio-ecological systems understandings and that take seriously historically powered dynamics of education and of science. I explore the kinds of curricular tools and pedagogical practices utilized and enacted in these learning environments that support more rigorous and just forms of teaching and learning. I argue that under the right conditions children across cultural communities can and do engage in robust science learning that also supports culturally thriving and just forms of education. However, there are important and persistent challenges with respect to Indigenous peoples, our ways of knowing, and our presence in ongoing worlds.

Zoom access:
www.tinyurl.com/antiracismchicostate
Passcode:167450

Butte Hall 101 with pizza, refreshments, and a short discussion after the talk

Please RSVP for the watch party here:
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