

# Environmental and Water Resources Engineering Seminar Series Presents:

Thursday, October 3<sup>rd</sup> 2024, 3:30-4:30pm, ECJ 1.308

## From Engineering to Start-Up Company Contributing to the Food-Water-Environment Nexus

Magi Richani, CEO AlpineBio

*Maseeh Department of Civil, Architectural and Environmental Engineering Outstanding Young Alumna for 2024,  
MS in Engineering from the University of California, Berkeley 2012,  
BSCE from the University of Texas at Austin 2011.*

### Abstract

Engineers can be versatile, and Magi Richani will describe her professional choices from a being classic UT BSCE grad, to a Berkeley MS graduate, to project manager for Shell, and then pivoting to biotechnology to be the founder and CEO of a start-up for the more



efficient production of casein. One of Time Magazine's Top GreenTech companies of 2024, her firm has grown in eight years to over 50 employees with more than \$100M in venture capital investment. In addition, she has 10 patents as intellectual property protection. The result is the production of vegan cheese protein, making food more efficiently, while requiring less water, and producing less greenhouse gas emissions by not using cows, truly an example of what starts here changes the world.

### Background

Magi Richani is the founder and CEO of AlpineBio, a San Francisco based biotech startup. She is the 2024 Department of Civil, Architectural, and Environmental Engineering Outstanding Young Alumna. She received her BS from the University of Texas at Austin and MS from the University of California, Berkeley. Among other accolades, she has been recognized by MIT Technology Review as one of 35 innovators under 35 for Climate Change.

