# Melissa Reynolds

## Faculty Director of Core Facilities

*Colorado State University*

## From a VPR perspective: How we support core facilities financially and beyond

### *The Cost of Cores to the Community*

The cost of maintaining and sustaining shared facilities is challenging as operational costs increase, infrastructure ages and researcher needs evolve. This presentation focuses on the levers that core facilities have and do not have to remain solvent and relevant. Of particular importance is the recognition that for any particular core, new budget models necessitate more flexible core structures.

## Speaker Bio

Melissa Reynolds, associate dean for research in the College of Natural Sciences, focuses on the molecular design and fabrication of biomaterials for use in medical device applications. She also serves as director of the center for cannabinoid research in the college.Reynolds' research includes synthesis of molecular and polymer biomaterials containing therapeutic functional groups; fabrication and engineering of materials that include nanofibers for tissue engineering; and studies of biomaterials with potential translation to medical applications.For their research on biodegradable polymers and metal-organic frameworks, Reynolds and her group earned a TechConnect National Innovation Award in 2013. She was named Educator of the Year by the Colorado Bioscience Association in 2011, and was selected as one of the six inaugural Boettcher Investigators with the Webb-Waring Biomedical Research Program. In addition, Reynold's National Science Foundation CAREER award was funded in 2014.Reynolds earned her Ph.D. from the

University of Michigan. She currently serves as the Faculty Director of Core Research Facilities at CSU.