



The Iota Chapter of Phi Beta Kappa at the University of California – Riverside

Presents a Visiting Scholar Public Lecture

Delivered by

Professor Karen Fleming
Department of Biophysics, Johns Hopkins University

“Nurturing a More Inclusive STEM Pipeline”

Tuesday February 9, 2021, 12 noon

Zoom link: <https://ucr.zoom.us/j/98721410671?pwd=dHFDY25MeW1sNkxGVWxnazAyNXZpQT09>

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Abstract

When your kitchen sink leaks, do you blame the water? The answer to this seemingly rhetorical question reveals a fatal paradox in the STEM pipeline metaphor, which is often invoked to explain the loss of female and minority talent in the science, technology, engineering and mathematics fields. Of course, when it comes to your kitchen, you blame the plumbing, and you call a plumber to fix the pipe. Yet scientific communities have historically blamed women and minorities – aka the water – for dropping out of the STEM pipeline. In this talk I will present data to explain where, how and why women leave STEM fields and how we can plug the leaks of this talent pool. These data show that a “fixing the women” approach will never achieve the inclusive excellence we seek as a community and as a nation for the future of STEM. To move forward, I will highlight ideas and evidence-based good practices showing how we can all nurture a more inclusive STEM pipeline that reflects the diversity of our world.

For additional information, please contact Professor Richard Cardullo (cardullo@ucr.edu)