

Community For Rigor (C4R)

Mission Summary

It has gotten increasingly clear in recent years that science has a rigor problem: seminal papers have been found fraudulent, much of the broader literature is underpowered, and it's difficult to engage in a serious discussion about the state of academia without acknowledging any of the several systemic issues plaguing it today. We want to help affect change by thinking about and taking action against whatever root causes are at play.

Chief among these are the state of graduate education, the stigma associated with the admission and discussion of mistakes made in scientific research, and systemically driven disincentives that discourage researchers from publishing negative results.

At its heart, C4R is about a community- and movement-driven effort to address these and other issues with the aim of improving rigor in scientific research. We believe that scientists want to do good science and that teaching them the problems that come from violating the principles of rigor will help make science more useful and meaningful. We will thus produce *ridiculously* awesome flipped classroom materials to teach the principles of rigor, while also cultivating a healthier cultural dialogue around the subject. Our goal is to help center rigor in science.