

BARRIERS TO STEM CAREERS



The below quotes were taken from interviews between CGS scientists and Howard University pre-service educators. The discussions addressed barriers in academic and career development.

NOT CULTURALLY RESPONSIVE

"If there's a way that doing math makes a difference for something that we need in our day to day lives, I think, introducing it that way maybe helpful."

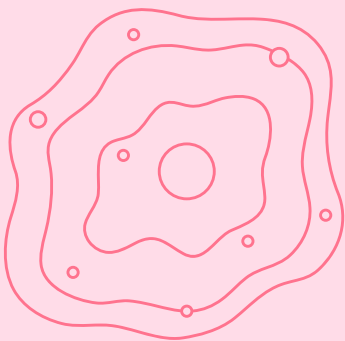
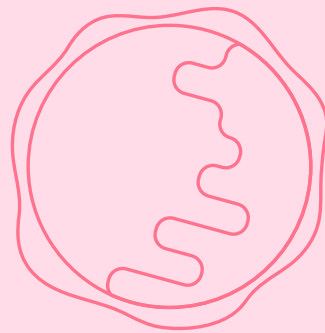


UNCLEAR CAREER ENTRY POINTS

"If you talk to several of us here, it's actually been pretty meandering. So I initially wanted to do something in science, but wasn't sure."

UNPAID INTERNSHIPS

"Unless you can afford to just take off a summer and work for free, then you can't do it. That's one key area that I think needs to go, that we need to compensate people for their time and effort."



DEFICIT MINDSET

"If a student makes a mistake [in math or physics] don't belittle them, don't put them down. It's hard. The fact that they are trying, and the fact that they're making mistakes is part of the game."

IMPOSTER SYNDROME

"I just want to say there's no need to be scared by science, I mean it's a colorful world and all kinds of interesting phenomena waiting for you to understand, explain, and predict."

