

Abstract Submitted
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Creating a Feminist and Queer Physics KARLA GARCIA, SAKI KHAN¹, Haverford College — The fields of Physics and Astronomy have a long history being dominated by white, straight, able-bodied, cisgender men. This track record directly affects the present and future, with a minority of physicists, astronomers and physics students from underrepresented backgrounds being heard or seen within these fields. In order to bring forth change, the structure of physics and astronomy, both environmentally and theoretically, must be questioned. This project aims to do this by exploring different knowledge systems, understanding the harm of colonial science and institutions of discrimination, noting the contributions (and lack thereof) from Black people, Indigenous people, and people of color (BIPOC), queer people, and women, and focusing on what introductory classrooms can do differently to make physics more accessible to students.

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