

Casey E Berger

Table of contents

1	Interdisciplinary Science	1
2	Facilitating learning	1
3	Equity in STEM	2
4	Professional Development Resources	2

Assistant Professor
Physics and Astronomy
Bates College

1 Interdisciplinary Science

Life is more interesting on the boundaries!
My Research and Publications
Data Science for Physicists

2 Facilitating learning

Inclusive Classrooms
Teaching Philosophy
Resources for Equity in STEM



Figure 1: I talk all about my love of interdisciplinary science

3 Equity in STEM

Academia in general and STEM fields in particular have a long way to go towards creating a welcoming environment where women, LGBTQ folks, BIPOC, and other underrepresented groups can thrive. We all have a responsibility to listen, learn, and be part of the solution.

4 Professional Development Resources

Our education – especially those of us in STEM – focuses on content and skill building in a narrow, deep area of interest. Rarely are we explicitly taught the so-called “soft skills” of communication and teamwork and problem solving and creative thinking, let alone the “life management” skills of time tracking, prioritization, and finding room for rest and recovery.

I’ve assembled here a set of tools and resources for effective work and a reflective life.

Resources for Professional Skill Building

5