

# SE&T Colloquium Series-Winter 2020

Speaker	Dr. Adrienne Traxler Department of Physics, Wright State University
	Host: Dr. Chris Nakamura
Title	<i>Gender matters: Patterns of inequity in physics</i>
Abstract	The percentage of women in STEM fields has risen in the past decades, but physics continues to lag behind in addressing gender and racial underrepresentation. It is reasonable to ask: What gender-based factors drive talented people out of the field, and what can physicists (and other scientists) do about it? I will discuss some of the evidence for gender bias in physics and in STEM fields more broadly, highlighting both large-scale statistical trends and emerging specifics. To understand these patterns of inequity, and why they are so durable, I will introduce social-psychological concepts such as implicit bias and microaggressions in the context of physics. Finally, I will discuss what scientists can do to help--in how we structure our courses, how we talk with and about our students, and what younger scientists can do while they are still students. Resources from the American Physical Society and other organizations hold more information on the problem and more tools that departments and individuals can use. Together we can make physics and other STEM fields a more welcoming home for people of all genders.
Date	Tuesday, March 17
Time	4:10-5:00pm
Place	Pioneer 240
	Refreshments will be served at 4:00pm.