Stanford

Paul Bergeron

Lecturer

Physics

Bio

BIO

Dr. Paul Bergeron is a lecturer in the physics department, focusing on teaching the 40 series and engaging in curriculum reform. His background is in dark matter phenomenology, working on supersymmetric extensions to the Standard Model, detection of dark matter at neutrino telescopes, and the programmatic tools used by the community to make predictions. While doing particle physics research, his time was split with teaching, first as an LA at UCSC during his undergrad and then during his PhD at the University of Utah as a TA, Head TA, adjunct lecturer at a community college, and instructor for a continuing education course in astronomy that he developed. His time at the University of Utah also included Physics Education Research (PER) into the efficacy of Content Rich group problems as part of a curriculum redesign effort in the department there. Following his PhD, he did a post doc with the interdisciplinary education research group 3 Dimensional Learning for Undergraduate Science at Michigan State University. While there, he worked with faculty in the STEM Teaching and Learning Fellowship as they worked to align their teaching with how scientists think and do science, while doing research into the corresponding gateway course transformation effort and into student engagement with the Scientific Practice of using and constructing (scientific) models. After his post doc, he worked for two years as a professor at Pasadena Community College teaching introductory physics and astronomy lectures and laboratories. Originally from San Jose, he is excited to finally be back in the Bay Area and to be a part of the Stanford community!

ACADEMIC APPOINTMENTS

- Lecturer, Physics

Teaching

COURSES

2025-26

- Electricity and Magnetism: PHYSICS 43 (Spr)
- Light and Heat: PHYSICS 45 (Aut)
- Mechanics, Concepts, Calculations, and Context: PHYSICS 41E (Win)
- STEMentors in Physics 43: PHYSICS 43S (Spr)

2024-25

- Electricity and Magnetism: PHYSICS 43 (Spr)
- Light and Heat: PHYSICS 45 (Aut)
- Mechanics, Concepts, Calculations, and Context: PHYSICS 41E (Win)