Assistant Professor of Physics

The Department of Physics and Astronomy at Swarthmore College invites applications for a tenure-track position in experimental physics at the Assistant Professor level beginning with the fall semester of 2018.

Swarthmore is a highly selective liberal arts college located near Philadelphia, whose mission combines academic rigor with social responsibility.

The Department of Physics and Astronomy has around fifteen majors and minors per year, most going on to graduate study. Our faculty are committed to providing a comprehensive education, including research opportunities, to all majors and minors regardless of their post-graduation plans. We have a strong experimental and laboratory program with faculty research in plasma, soft condensed matter, and materials science with a focus on energy and also on biophysics. The department has two theoretical physicists working in early universe physics and soft condensed matter and two astrophysicists working in stellar and exoplanetary fields. Physics and Astronomy faculty share a strong commitment to interdisciplinary teaching, both across the sciences and connecting the sciences to the social sciences and humanities. All upper level classes are small and most are taught seminar style. Student research involvement is a focus of the department. Most faculty have research labs/facilities on campus, some do their experimental research at larger, national facilities off campus.

The successful candidate will have a PhD in hand by August 2018, a compelling classroom presence, a broad range of teaching and research interests appealing to a diverse student population, a demonstrated interest in teaching physics at all levels of the undergraduate curriculum, and who can develop a vibrant experimental physics research program in either a core physics subfield or an interdisciplinary subfield.

Applicants should submit (1) a cover letter, (2) a CV, (3) a statement of teaching experience, interests, and approach, and (4) a description of experimental research interests and proposed activities. (5) Three letters of reference must be submitted by the application deadline. We are committed to building a culturally diverse educational environment in the department. Applicants are encouraged to include in their cover letter a discussion of what strategies they would bring to bear that would further this goal. Application packages should be submitted through Interfolio at https://www.interfolio.com/ and addressed to Prof. David Cohen, Chair, Department of Physics and Astronomy, Swarthmore College, Swarthmore, PA 19081. For full consideration, the deadline for receipt of applications is November 15, 2017.