

FACULTY POSITION IN ENGINEERING AND ETHICS OF UNMANNED AIRCRAFT SYSTEMS



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PennState

The Pennsylvania State University (www.psu.edu) is embarking on a transformative series of co-funded hires in ethics designed to ensure that Penn State becomes a leader in ethics-informed interdisciplinary research and the integration of ethical literacy throughout the curriculum.

The Department of Aerospace Engineering (www.aero.psu.edu) enjoys an excellent international reputation in aeronautics and astronautics. The Department currently has 17 full-time faculty members, with more than 225 juniors and seniors and more than 100 graduate students. Annual research expenditures exceed \$6 million.

Penn State at University Park is a land-grant institution located within the beautiful Appalachian mountains of central Pennsylvania. State College and nearby communities within Centre County are home to roughly 100,000 people, including over 40,000 students, and offer a rich variety of cultural, recreational, educational, and athletic activities. State College is a wonderful community offering a high quality of life.

The Department of Aerospace Engineering and the Rock Ethics Institute (the “Rock”) invite nominations and applications for an open-rank tenure-track position starting in 2016. The Department seeks an outstanding individual who is committed to undergraduate and graduate education and to the establishment of an externally-funded research program that supports graduate education.

Candidates must possess technical expertise related to the design and engineering of unmanned air vehicles and systems, as well as demonstrable complementary interests in the societal and ethical aspects of such systems. Candidates who can contribute to interdisciplinary and collaborative programs involving UAS and ethics are of primary interest. The research area represented by this search could be viewed as a special aspect of a broader one at *the intersection of robotics, cognitive science, human-computer interactions, autonomy, and ethics*. Applicants must have a doctorate in engineering or science.

This aerospace faculty member will be affiliated with the Penn State Rock Ethics Institute (rockethics.psu.edu). We seek candidates who will build on the Rock’s tradition of excellence in collaborative, interdisciplinary ethics research and ethically informed decision support for significant societal issues, as well as its success in integrating ethics into the curriculum.

Responses received before January 2016 are assured full consideration, but the search will remain open until the position is filled. Applicants should submit electronically a **single** pdf file to job 60531 at www.psu.jobs. The file should contain: a cover letter; a CV; statements of research and teaching interests; a statement of how the candidate’s work is relevant to the Rock’s vision and how such a position would enhance their own work; and the names and contact information for at least three references.

This publication is available in alternative media on request. Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status. Employment will require successful completion of background check(s) in accordance with University policies.

Campus Security Crime Statistics: For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to www.police.psu.edu/clery, which will also provide you with detail on how to request a hard copy of the Annual Security Report.