



## ***STATLER COLLEGE OF ENGINEERING AND MINERAL RESOURCES***

### **CLUSTER HIRES IN ROBOTICS**

The Statler College of Engineering and Mineral Resources at West Virginia University (WVU) invites applications for multiple tenure-track faculty positions in the general area of robotics. The primary appointments are most likely in the Department of Mechanical and Aerospace Engineering (MAE) or the Lane Department of Computer Science and Electrical Engineering (LCSEE), however, depending on the research expertise and interests of the successful candidates, appointments (including dual appointments) are possible in any engineering department. Specialty areas of emphasis for this search include, but are not limited to human-robot interaction, artificial intelligence, robotic manipulation, multi-agent systems, soft robotics, 3D computer vision, and space robotics. It is anticipated that these positions will be filled as early as January 2020, but no later than August 2020, at the level of Assistant or Associate Professor, depending upon the qualifications and experience of the selected applicants.

Eligible candidates must hold an earned Doctorate degree in robotics engineering, aerospace engineering, mechanical engineering, computer science, electrical engineering, or a closely related field, at the time of appointment. The successful candidates must demonstrate the ability or potential to (1) teach lecture, laboratory or design courses at both the undergraduate and graduate levels, (2) develop and sustain an independent, nationally recognized and competitive externally-sponsored research program, (3) collaborate effectively within multi-disciplinary teams of faculty and other researchers across WVU campus, other academic and government institutions, as well as the private sector, and (4) perform professional service activities. A notable record of peer-reviewed publications and other scholarly activities, effective communication skills, and evidence of potential to attract competitive research funding are required for these positions. Candidates for the rank of Associate Professor must also have an outstanding record of teaching, research, and service.

West Virginia University is the comprehensive Land Grant University of the State of West Virginia with a main campus enrollment of over 29,000 students, and a Carnegie Classification of Highest Research Activity (i.e., R1 University). Morgantown is a safe, inclusive and family-friendly community with a regional population of about 137,000 residents and is ranked among the most livable small cities in the country. It lies within a high technology corridor that includes several federal research facilities, such as the NASA's Independent Verification and Validation Facility (IV&V), U.S. Department of Energy's National Energy Technology Laboratory (NETL), the National Institute of Occupational Safety and Health (NIOSH), and the Federal Bureau of Investigation (FBI). The city is located within reasonable driving distances from Pittsburgh, PA and Washington, DC. Additional details on the area and the university are available at <http://www.morgantownwv.gov> and <http://www.wvu.edu>

The Statler College of WVU currently has eight academic departments with over 4,700 students and 135 faculty members. It is nationally recognized for high quality teaching and research, as well as for the accomplishments of its faculty, students, and alumni. The Statler College has invested significant resources in robotics, leading to the development of world-class educational and research facilities and the hire of outstanding new faculty. Interdisciplinary teams of undergraduate and graduate students in the College have won eight national robotics competitions during the last six years, including a total prize of

\$855,000 in the NASA Sample Return Robot Centennial Challenge. For more information about WVU robotics, please visit <https://robotics.wvu.edu/>.

To apply for this position, visit [www.jobs.wvu.edu](http://www.jobs.wvu.edu). Applicants must submit a cover letter, curriculum vitae, a two page research statement, a one page statement of teaching philosophy, three representative publications, and contact information for at least three professional references. Review of applications will begin on September 16, 2019. Only candidates who submit complete documentation of professional quality will be considered in the review process. For further information, please contact Dr. Earl Scime, Interim Dean of the Statler College, by telephone (304-293-5125) or e-mail ([escime@wvu.edu](mailto:escime@wvu.edu)), or visit our website at <https://www.statler.wvu.edu/>

*West Virginia University is an Equal Opportunity/Affirmative Action Employer and the recipient of an NSF ADVANCE award for gender equity. The University values diversity among its faculty, staff and students, and invites applications from all qualified individuals, including minorities, females, individuals with disabilities, and veterans. WVU provides faculty members with a supportive environment for developing a visible and productive career (<https://talentandculture.wvu.edu/new-employees>), and facilitating suitable work-life integration (<https://faculty.wvu.edu/policies-and-procedures/work-life-integration>). WVU also offers a Dual Career Program to assist partners of its faculty members in job search and the transition of their own careers.*