

Herman Koenig Endowed Chair Position

The Department of Electrical and Computer Engineering at Michigan State University announces that the Herman Koenig Endowed Chair Position is open for applications. Candidates with a strong research and development background in electrical engineering, mechanical engineering, computer science, or other robotics-related or evolutionary design-related disciplines are sought to fill this position. The Herman Koenig Chair is chartered to expand and strengthen the ECE Department's excellence in education and research in evolutionary robotics or other forms of evolutionary computation and its application in important areas of societal need. MSU has recently received an award creating a National Science Foundation Science and Technology Center, the BEACON Center for the Study of Evolution in Action, funded at \$5 million/year, with ten years of funding expected. This center will unite electrical engineers and computer scientists with biologists in the joint study of evolutionary processes, in biology labs, in the field, and in the computer. BEACON will involve over 30 faculty researchers at MSU and another 30 at four partner institutions (North Carolina A&T State University, University of Idaho, University of Texas at Austin, and University of Washington). The successful candidate will be expected to do research and develop applications that advance the mission of BEACON, building on the strong collaborations it provides, as Herman Koenig did in fostering collaboration across engineering and biological disciplines. The tenure home and primary appointment will be in Electrical and Computer Engineering, but joint appointments are possible.

The ECE Department offers both undergraduate and graduate programs with a strong emphasis on design and experiential education at the undergraduate level and leading research at the graduate level. In addition to evolutionary computation and its application in many subdisciplines, the department has expertise in a number of areas including power electronics, microsystems, robotics and automation including nanomanipulation, advanced materials including thermoelectrics, electromagnetics, diamond and diamond-like carbon, non-destructive evaluation, biomedical engineering, computer architecture, wireless sensor/communication networks, and security. The ECE Department enrolls over 180 graduate students and graduates over 100 BS degree students annually.

The ECE Department includes 40 tenured/tenure-track faculty and enjoys the resources of the College of Engineering at Michigan State University. Michigan State University, a research intensive premier Land Grant University, enjoys a park-like campus of over 2,000 developed acres and over 3,000 acres of outlying research facilities and natural areas. The campus is located within the city of East Lansing and adjacent to the capital city of Lansing. The Greater Lansing area has approximately 250,000 residents. The local communities have excellent school systems and place a high value on education. Michigan State University is proactive in exploring opportunities for the employment of spouses, both inside and outside the University.

Applications will be considered as they are received until the position is filled. Applicants should submit a full resume, a cover letter, and the names and contact information of three references. Applications should be submitted to: Koenig Endowed Chair Search Committee, Electrical and Computer Engineering, 2120 Engineering Building, Michigan State University, East Lansing Michigan 48824-1226. For more information please visit the web site at <http://www.egr.msu.edu/koenig-search> and the BEACON web site, <http://www.beacon.msu.edu>.

The Center, the College of Engineering and the University are committed to building a culturally diverse faculty and strongly encourage applications from women and minorities. MSU is an Affirmative Action/Equal Opportunity Employer