

THE UNIVERSITY OF PENNSYLVANIA
Department of Electrical and Systems Engineering
Adaptive, Self-Organizing Systems

UNIVERSITY OF PENNSYLVANIA, DEPARTMENT OF ELECTRICAL AND SYSTEMS ENGINEERING (ESE) invites applications for a tenure track faculty position at the Assistant Professor level to begin September 2002. The particular areas of interest are: adaptive systems, learning, stochastic process simulation, optimization, decision science, control theory, and applications of these disciplines. Individuals with research and teaching interests in information systems, networks, and other types of human-machine systems will be given special consideration. More senior appointments will be entertained based on the qualifications of the candidate. The Department emphasizes excellence in research and in teaching with close connections to other departments in the School of Engineering and Applied Science, and to other schools including the Wharton Business School and the School of Medicine, among others.

The University of Pennsylvania is an Ivy League University in Philadelphia, the 5th largest city in the US. This position is the first to be advertised for the new ESE Department at Penn. ESE is the result of the merger of two Departments -- EE and SE. The merger is intended to capitalize on the increasing overlap in intellectual interests between the existing 16 faculty in Electrical Engineering (EE) and 8 faculty from Systems Engineering (SE). The new department is envisioned as having three primary research thrusts: (a) Systems Science (complex adaptive systems, operations research, general systems theory, etc.); (b) Network Systems (telecommunications, transportation, distributed human-machine interaction, etc.), and (c) Electrosiences (nanotechnology, sensors, electromagnetics, signal processing, etc.). We expect that most of the innovative and exciting research developments will occur at the intersections of the three thrust areas and at the interface between those and many other fields represented at Penn. We seek to hire new faculty that will help us to strengthen this approach.

A curriculum vitae, including the names and contact information of at least four references, and a personal statement defining research and teaching interests should be forwarded to: Faculty Search Committee, 293 Towne Building, 220 S. 33rd Street, University of Pennsylvania, Philadelphia, PA 19104-6315 or by email to: dgorte@seas.upenn.edu. Applications will be processed as received and the search will continue until the position is filled.

The University of Pennsylvania is an equal opportunity/affirmative action employer.

Applications by women and minorities are encouraged.