Job Title: Assistant/Associate Professor

Physics

Campus: Manhattan
Starting date: August 2016

Job Summary: The Department of Physics at Kansas State University seeks an experimental physicist with research interests in soft condensed matter physics. Areas of interest include nanoparticle assembly, biological problems at the cellular and molecular levels, emergent phenomena, macromolecules, structured fluids, colloids and aerosols, and light scattering and its application to these systems. The scientist will engage in experimental research at the molecular or continuum levels of these physical or biological systems. Cross disciplinary research plans that overlap with ongoing AMO projects in the department will be reviewed with interest, but are not required. The department has an outstanding Experimental and theoretical Condensed Matter Physics program, involving seven faculty members, most of whom are involved in research related to soft matter physics. Research Interests include synthesis and self-assembly of nanoparticles, surface structure and surface interactions of nano/bio components, light scattering, metallic and conducting polymer Nanowire fabrication and applications, cellular adhesion and migration, aggregation phenomena for both proteins and particles, and nanostructured magnetic systems. The group has strong ties and collaborations with faculty in Chemistry, Biology, Biochemistry, Mechanical Engineering, Chemical Engineering, Grain Science and the Terry C. Johnson Center for Basic Cancer Research. A description of research in the Physics Department can be found at [http://www.phys.ksu.edu/research/condensed-matter.html](http://www.phys.ksu.edu/research/condensed-matter.html).

Qualifications:
Candidates must have a PhD in Physics or a closely Related field. To be considered at the Associate level position Candidates must present credentials which will justify an appointment at that level.

Total Rewards:
https://www.k-state.edu/hcs/benefits/

How to Apply:
Applications should be sent to the Soft Matter Search Committee, 1228 N. 17th St. 116 Cardwell Hall, Kansas State University, Manhattan, KS 66506-2601 or to softmattersearch@phys.ksu.edu. Applications should include a cover letter that addresses their qualifications for the position, a vita and statements of research and teaching interests. Applicants should arrange to have three letters of reference sent to the address above. Screening of applicants will begin on December 1, 2015 and continue until the position is filled.

Contact Information:
Peggy Matthews
peggym@phys.ksu.edu
785-532-1602

Responsibilities:
The successful candidate will demonstrate a strong commitment to teaching and mentoring of students and to serving a diverse population. Will be expected to obtain external funding for research activities, collaborate with other faculty in physics and other academic departments and build a national and international reputation in their field of expertise.

Kansas State University is an Equal Opportunity Employer of individuals with disabilities and protected veterans and actively seeks diversity among its employees. Background check required.