The Schools of Chemical, Materials, and Mechanical Engineering at Purdue University have identified Energetic Materials (propellants, explosives, and pyrotechnics) as a major thrust for interdisciplinary research and education. To this end, Purdue is accepting applications for all levels (Assistant, Associate, or Full Professor). Candidates must hold a Ph.D. degree in Engineering, Science or a related field. They should have a distinguished record of research accomplishment and a commitment to teach in both undergraduate and graduate programs. Specific research fields of interest in the energetic materials area include, but are not limited to: i) synthetic chemistry of new and emerging energetic materials, and ii) formulation, processing and handling of energetic materials. The successful candidates will conduct original research, advise graduate students, will teach undergraduate and graduate level courses, and will perform service both at the School and University levels. Candidates with experience working with diverse groups of students, faculty, and staff and the ability to contribute to an inclusive climate are particularly encouraged to apply. Previous experience working with energetic materials is valued, but not required. The primary faculty appointment will be in Chemical, Materials, or Mechanical Engineering.

The ability to synthesize, handle, formulate, deploy, detect, track, and defeat new and emerging energetic materials is critical to public safety and quality of life. Purdue University has recently unveiled ‘Big Moves’, a range of initiatives designed to broaden Purdue’s global impact and enhance educational opportunities for its students. The College of Engineering at Purdue is currently undergoing extensive growth, with an expanding number of faculty that are opening new and exciting research directions. The focus in the Energetic Materials area is a signature element of this growth.

Submit your application online at: https://engineering.purdue.edu/Engr/InfoFor/Employment. The application should include a cover letter, a complete and detailed vitae, and statements of research and teaching interests. Also, please include names, addresses, telephone numbers, and e-mail addresses for three or more references. For information/questions regarding applications contact the Office of Academic Affairs, College of Engineering, at coeacademicaffairs@purdue.edu. Screening of applications will begin December 15, 2015 and will continue until the position is filled. A background check will be required for employment in this position.

Purdue’s main campus is located in West Lafayette Indiana, a welcoming and diverse community with a wide variety of cultural activities and events, industries, and excellent schools. Purdue and the College of Engineering have a Concierge Program to assist new faculty and their partners regarding dual career needs and facilitate their relocation.

_Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply._