FACULTY POSITION(S)
DESIGNER PARTICULATE PRODUCTS
COLLEGE OF ENGINEERING

The College of Engineering at Purdue University has set a strategic priority to build a world leading pre-eminent team in Designer Particulate Products including foods and feed, consumer goods, specialty chemicals, agricultural chemicals, pharmaceuticals and energetic materials. The team will focus on model-based process design to produce engineered particles and structured particulate products, developing the understanding of process-structure-function relationships for these products, and building capacity through a highly qualified workforce in particulate science and engineering. The College invites applications for any rank (assistant, associate or full Professor for multiple positions). Purdue University seeks to attract exceptional candidates with interests and expertise in:

1. On-line sensing, Process analytical technologies, Process control applied to the manufacture of particulate products; and
2. Modeling multiphase particulate systems related to either (a) manufacturing processes, or (b) product performance in use and the environment.
3. Molecular self-assembly with application to areas such as particle engineering and product design and performance.

However, outstanding candidates in other areas of particle technology related to the manufacture of particulate products will also be considered.

Successful candidates must hold a Ph.D. degree in some field of Engineering or a related discipline and demonstrate excellent potential to build an independent research program at the forefront of their field, work well in a larger interdisciplinary team, as well as potential to educate and mentor students. The successful candidates will conduct original research, will 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.

The College of Engineering at Purdue University has a strong core of faculty engaged in particulate products research as well as significant interdisciplinary efforts across campus, with other academic institutions, and industry partners. 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. For a detailed description of research activities see https://engineering.purdue.edu/Engr/AboutUs/StrategicGrowthInitiative/Teams.

Submit applications online at https://engineering.purdue.edu/Engr/AboutUS/Employment/Applications, including curriculum vitae, teaching and research plans, and names of three references. For information/questions regarding applications contact Senem Guler, Faculty Employment Specialist, College of Engineering, at coeacademicaffairs@purdue.edu. Review of applications will begin on December 1, 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.