

**Associate Director for Research
Birck Nanotechnology Center**

The Birck Nanotechnology Center (BNC) in Discovery Park is launching an internal search to identify an individual with demonstrated leadership and vision for the position of Associate Director for Research of the Center. Birck Nanotechnology Center provides shared lab space, state-of-the-art equipment, and expert scientific and engineering staff to support collaborative research by resident and nonresident users. This includes the 25,000 square foot Scifres Nanofabrication Laboratory. A portion of the cleanroom is configured as a biological/ pharmaceutical cleanroom to facilitate bionanotechnology research in collaboration with Bindley Bioscience Center.

Key facilities such as surface analysis, nano metrology, roll-to-roll manufacturing, electron microscopy, molecular beam epitaxy, atomic layer deposition, microelectromechanical and femtosecond laser provide analytical services to support a wide variety of research. Current areas of research emphasis include computational and experimental nanoelectronics, nanophotonics, nanobiotechnology, nanoenergy conversion as well as nanomanufacturing. The BNC's highly collaborative atmosphere includes space for industry partners and companies; the BNC supports and facilitates technology transfer and entrepreneurship.

The Associate Director for Research will be responsible for the oversight of the research scientists and enable more large-scale faculty projects. Through collaborative and engagement activities, the Associate Director will increase the number of faculty projects using Birck Nanotechnology Center facilities and increase interactions with industry and international partners. The Associate Director will also play a key role in helping/advising the commercialization of technology developed at BNC.

The position of Associate Director will cover 0.25 FTE of full-time academic year salary + 1 month of summer support or equivalent discretionary funds. The associate director will report to the Director of the Birck Nanotechnology Center. The Associate Director is a member of the Purdue University Faculty with the rank of tenured Associate or Full Professor. The Associate Director is expected to maintain an active research program. Administrative experience in the leadership of multi-investigator research programs and experience with industrial partnerships is highly desirable. The anticipated start date is July 1st, 2019.

Nominations/applications should be submitted by email to Jaime Turner at jjturner@purdue.edu by June 7th. The applications should include a letter of interest that outlines qualifications for the position, curriculum vitae, and the name of three references with their email addresses and phone numbers. Any questions regarding the search should be directed to Ali Shakouri.