



**DEPUTY DIRECTOR
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 Deputy Director 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, 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 and nanoenergy conversion. There is a new initiative in roll-to-roll nanomanufacturing. The BNC's highly collaborative atmosphere includes space for industry partners and companies; the BNC supports and facilitates technology transfer and entrepreneurship.

The Deputy Director will work closely with faculty on collaborative, interdisciplinary research projects within the Birck Nanotechnology Center in order to enhance the reputation of BNC as a collegial place to advance faculty research. Through these activities, the Deputy Director will enable more large-scale faculty projects that align with the Center's strategic directions. In order to accomplish this, he/she will establish procedures for joint submission of grants (cost share, space, and shared equipment). Through collaborative and engagement activities, the Deputy Director will increase the number of faculty projects using Birck Nanotechnology Center facilities and increase interactions with industry. The Deputy Director will also play a key role in helping/advising the commercialization of technology developed at BNC.

The position of Deputy Director is a 0.5 CUL with a reporting line to the Director of the Birck Nanotechnology Center. The Deputy Director is a member of the Purdue University Faculty with the rank of tenured full Professor. The Deputy Director is expected to maintain an active research program. He/she will work closely with BNC's Engineering and Facility Managers to provide leadership in the day-to-day operations of the Center. Administrative experience in the leadership of multi-investigator research programs and experience with industrial partnerships is highly desirable.

Nominations/applications should be submitted by email to Jaime Turner at jjturner@purdue.edu by October 28, 2013. 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 Al Rebar at rebar@purdue.edu.