

**Director of Institute for Bioscience and Biotechnology Research-IBBR
Position # 118732**

The University of Maryland and the National Institute of Standards and Technology are seeking an outstanding individual to serve as Director of the *Institute for Bioscience and Biotechnology Research (IBBR)* with the vision of making IBBR a premier biotechnology research institute. A primary role of the new Director will be to lead and significantly expand a joint NIST/UM research effort that combines basic, measurement and translational research for the development, manufacturing and standardization of advanced therapeutics and supporting diagnostics.

IBBR-(www.ibbr.umd.edu) is a joint research institute, which brings together partner institutions including the University of Maryland, College Park (UMCP), University of Maryland, Baltimore (UMB) and the National Institute of Standards and Technology (NIST). The research strengths of IBBR are in the areas of 1) structural biology 2) biomolecular engineering and biofabrication 3) host-pathogen interactions and 4) therapeutic design and development. IBBR leverages collective research strengths of the partnering institutions in medicine, biosciences, technology, quantitative sciences and engineering, to foster integrated, cross-disciplinary team approaches to scientific discovery and education, and to serve the expanding economic base of biosciences and technology in the state of Maryland and the nation. IBBR's research programs are conducted in two Maryland locations, one in Shady Grove and the other in College Park.

The Director will be a University of Maryland employee and have Visiting Scientist status at NIST. The Director reports to the Senior Vice President and Provost of the University of Maryland College Park and works closely with Associate Directors from NIST and UMB. The next Director will have the opportunity to recruit faculty and staff, acquire needed instrumentation for transformational research, develop new and innovative technological solutions, and create partnerships with commercial entities to facilitate translation to clinical practice.

We seek candidates with distinguished records of academic, administrative or industrial experience and evidence of exceptional leadership, interpersonal and communication skills. Broader leadership responsibilities include the following:

- Promoting an environment and standards for cutting-edge, world class research at IBBR
- Overseeing the management and administration of all IBBR operations
- Developing and articulating the vision for IBBR in coordination with the University's and NIST's research strategic plans
- Coordinating with partnering institutions, UMCP, UMB and NIST, regarding research programs for faculty and students
- Working with University leadership on recruitment and retention of IBBR faculty
- Building on the international reputation of the Institute to create a premier biotechnology research institute for the US in the Washington, DC area.
- Working with the IBBR CFO to manage the research budget to ensure financial stability for the IBBR
- Interacting with Department Chairs of the academic homes of IBBR faculty to jointly evaluate and promote shared faculty

- Networking and interacting with other University research groups to create interdisciplinary programs
- Working closely with industry partners to facilitate commercial application and competitiveness.

The successful candidate for the Director of IBBR will have the following qualifications:

- Recognized leader in the medical and biosciences, biotechnology, engineering, and/or molecular biology. This may include either a sustained record (>10 years) of outstanding peer reviewed NIH, NSF, or DOD funding, publications and academic accomplishments and/or proven success in research and development in the biotechnology industry.
- Strong management experience and demonstrated leadership abilities in a research-based organization. He or she will have excellent skills of communication, collaboration, listening, consensus-building, and entrepreneurial/translational thinking. He or she should have experience working with multidisciplinary research teams.
- An advanced degree in a relevant professional or academic field is required.

Applicants should submit a letter of interest, a resume, and the names, addresses, and contact information of at least four references. Apply online jobs.umd.edu/applicants/Central?quickFind=58047. Confidential review of nominations and applications will continue until the position is filled.

Requests for information should be addressed to:

Darryll J. Pines, Search Committee Chair
 Dean, A. James Clark School of Engineering
 c/o Sandy Davis, Assistant to the Provost
 University of Maryland, College Park, 20742
 Email: sandyd@umd.edu; Phone: (301) 405-6813

Sponsoring Institutions:

The University of Maryland-College Park (UMCP) is an AAU research and land-grant university, situated within 10 miles of the nation's capital, and is the largest public research university in close proximity to Maryland's biotechnology corridor. It has 37,000 students and 10,000 faculty and staff in 12 schools and colleges. External research funding is about \$500 million annually; a \$1 billion capital campaign is near completion. The University of Maryland-Baltimore (UMB) is the State's public health, law and human services university devoted to excellence in professional and graduate education, research, patient care, and public service. It has 6,349 students and 6,717 faculty members and staff in 6 schools and colleges. Sponsored research funding is approximately \$588 million annually. The Biopark is a university-associated research that accelerates biotechnology commercialization and economic development in the surrounding community and throughout the region. The National Institute of Standards and Technology-NIST is a non-regulatory federal agency within the U.S. Department of Commerce. NIST's mission is to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve our quality of life. NIST employs about 2,900 scientists, engineers, technicians, and support and administrative personnel. The State of Maryland is home to more than 500 core

bioscience companies, representing approximately 8% of the U.S. industry. This is the 2nd largest cluster (per capita) in the U.S. and 4th overall in “core biotechnology” companies (Ernst and Young, 2006-2008). Approximately one-half of Maryland’s bioscience industry is engaged in therapeutic development. Another 25 % provide supporting research services. The rest are creating gene-based diagnostics, integrating biologics and nanotechnology into medical devices, and developing innovative R&D technology platforms.

The University of Maryland, College Park, actively subscribes to a policy of equal employment opportunity, and will not discriminate against any employee or applicant because of race, age, sex, color, sexual orientation, physical or mental disability, religion, ancestry or national origin, marital status, genetic information, political affiliation, and gender identity or expression. Minorities and women are encouraged to apply.