The Department of Biomedical Informatics (BMI, http://medicine.osu.edu/bmi/) in partnership with multiple departments and units at The Ohio State University Wexner Medical Center (OSUWMC) is seeking outstanding candidates for tenure track faculty positions at all levels (assistant, associate, and full professorships) in the area of bioinformatics and computational biology. BMI leads robust and expansive informatics research, service, and training programs spanning multiple domains including: high performance computing, bioinformatics, computational biology, translational bioinformatics, imaging informatics, clinical research informatics, clinical informatics, and public health informatics. These efforts are complemented by strong collaborations among the informaticians, biologists, clinicians, computer scientists, and engineers. Faculty and staff in BMI have comprehensive access to an advanced information systems environment including inpatient and outpatient electronic health records, data warehousing platforms, a variety of enterprise research information systems, and high-performance computing and data management facilities for both clinical and biologic data, the latter being afforded by a partnership with the Ohio Supercomputer Center (http://www.osc.edu). Unprecedented growth in extramural programmatic funding and a recent $1 billion expansion of OSUWMC further enhance the breadth and depth of resources at the nation’s largest, integrated health sciences campus.

We are interested in researchers engaged in all relevant areas of translational bioinformatics and computational biology, such as (but not limited to):

- Development of integrative biological and clinical “Big Data” management, analysis, and high performance computing platforms to enable the efficient usage of high-dimensional data such as NGS, imaging, and molecular perturbations.
- Development and application of integrative network analyses, data mining and machine learning methods for generating testable hypothesis and identify actionable discoveries.
- Visualization and integrative modeling of multi-scale biomedical data and processes.

These faculty positions are partially funded by The Ohio State University’s Discovery Themes Initiative, a significant faculty hiring investment in key thematic areas in which the university can build on its culture of academic collaboration to make a global impact.

The Ohio State University is committed to establishing a culturally and intellectually diverse environment, encouraging all members of our learning community to reach their full potential. We are responsive to dual-career families and strongly promote work-life balance to support our community members through a suite of institutionalized policies. We are an NSF Advance Institution and a member of the Ohio/Western Pennsylvania/West Virginia Higher Education Recruitment Consortium.

Successful candidates will have a Ph.D. and/or M.D. degree, or equivalent formal training, with excellent research experience. Applicants for senior positions should demonstrate outstanding academic and scholarly achievements as well as a vigorous external-funded research program.

Preferred qualifications for this opportunity include: 1) experience mentoring members of underrepresented groups; and 2) experience developing or working in interdisciplinary research teams.

Interested candidates should please send a full CV, including publications and funding records, detailed plans for research and educational programs, the names of three references, and two representative publications to: biomedical.informatics@osumc.edu. Preference will be given to applications received by March 31, 2015.