

THE UNIVERSITY OF MICHIGAN  
REGENTS COMMUNICATION

Approved by the Regents  
September 15, 2011

ACTION REQUEST: Establishment of an Academic Department

DEPARTMENT NAME: Computational Medicine and Bioinformatics

EFFECTIVE DATE: January 2, 2012

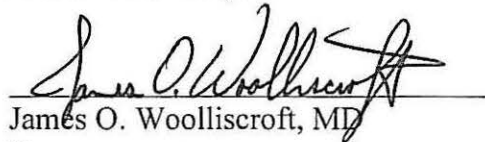
The Medical School requests approval to establish the Department of Computational Medicine and Bioinformatics (CMB) effective January 2, 2012. Computational Medicine and Bioinformatics originated as a campus-wide center created and financed within the Medical School in 2005. As a center, it successfully established itself as a distinct discipline with a formation of highly regarded interdisciplinary research centers and graduate training program supported by grants from the National Institutes of Health. CCMB is also a home for scholarly research in bioinformatics carried out by the faculty who develop and apply computationally intensive techniques such as integrative studies that link molecular measurements and models to behaviors in animal models and humans, computational protein folding, sequence pattern recognition, biomarker discovery, and biomedical literature and data mining, advancing our understanding of biological processes. This research is medically relevant and critical to advancing modern biomedical research with its avalanche of genomic and proteomic information requiring powerful computational methods and an integrated research cyberinfrastructure.

The establishment of a department will enable further academic growth of the faculty and trainees of this discipline and facilitate the Medical School's ability to attract the very best new faculty and trainees to the University. The department will continue to support the highly collaborative environment that has successfully built bridges to faculty across the University in research and training.

The Medical School Dean and its Executive Committee believe that the establishment of an independent Department of Computational Medicine and Bioinformatics is critical to sustaining and enhancing the University's reputation of excellence in this field and helping the faculty to pursue collaborative scholarly activities with their peers across the University and across the nation. The recommendation to establish a Department of Computational Medicine and Bioinformatics was approved by a vote of the Executive Faculty of the Medical School on August 5, 2012.

**It is recommended** that the Board of Regents approve the establishment of the department of Computational Medicine and Bioinformatics effective January 2, 2012.

Recommended by:



James O. Woolliscroft, MD  
Dean  
Medical School

Recommendation endorsed by:



Ora Hirsch Pescovitz, MD  
Executive Vice President for  
Medical Affairs



Philip J. Hanlon, PhD, Provost  
and Executive Vice President for  
Academic Affairs