Inclusion of Department-Like Body of Biomedical Engineering Program in the Division of Natural Sciences

Motion
The Division of Natural Sciences Executive Committee approved the inclusion of the Department-Like Body Biomedical Engineering (BME) in the College of Engineering & Applied Science as a member of the Division of Natural Sciences. Faculty in the department may choose affiliation in the Natural Sciences, Professions or Social Sciences.

Rationale
Biomedical Engineering lies at the forefront of the biomedical research revolution experienced over the past few decades. Biomedical engineering is based on interdisciplinary activities including the biological, physical, chemical, mathematical, and computational sciences with engineering principles in order to study biology, medicine and behavior.

As found in NIH's 1997 definition of Biomedical Engineering, "Biomedical engineers develop devices and procedures that solve medical and health-related problems by combining their knowledge of biology and medicine with engineering principles and practices. Many do research, along with medical scientists, to develop and evaluate systems and products such as artificial organs, prostheses (artificial devices that replace missing body parts), instrumentation, medical information systems, and health management and care delivery systems. Biomedical engineers also may design devices used in various medical procedures, imaging systems such as magnetic resonance imaging (MRI), and devices for automating insulin injections or controlling body functions."

2015-16 Division of Natural Sciences Executive Committee
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