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

Motion
The Executive Committee of the Division of Professions 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 Professions. Faculty in the department may choose affiliation in the Natural Sciences, Professions, or Social Sciences.

Rationale
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. Faculty in Biomedical Engineering may possess terminal degrees in a wide variety of disciplines. Predicated on the interdisciplinary nature of Biomedical Engineering, the augmented Executive Committee of the BME program has recommended seeking affiliations with the Divisions of Natural Sciences, Professions, and Social Sciences.

As described in the 1997 NIH 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 Professions Executive Committee
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