

Gary Gabriele, PhD

Drosdick Endowed Dean of Engineering at College of Engineering | Villanova University

Villanova, PA, US

Gary Gabriele, PhD, is a leader in engineering education and training the next generation of engineers to meet societal demands.

Description

Training the next generation of engineers to meet societal demands for increasingly sophisticated structures, systems, products, technology and environmental issues is Dr. Gabriele's main focus. He is an authoritative source on what engineering educators are doing to develop academic and practical instruction that puts students ahead of the curve, giving them a competitive edge. Dr. Gabriele has had extensive experience in teaching engineering and product design, has developed innovative engineering design programs that combine engineering with other disciplines, such as architecture and the social sciences. He can also address the complexities of multidisciplinary design that involves resolving conflicting design objectives that drive a design in opposing directions. Prior to arriving at Villanova, Dr. Gabriele was Division Director for Engineering Education and Centers at the National Science Foundation.

Industry Expertise

Research, Education/Learning

Topics

Engineering Careers, Careers in Science Technology Engineering and Mathematics (STEM), Systems Design, Engineering Education, Engineering Design

Affiliations

Education

Purdue University

PhD

Purdue University

MSc

Norwich University

BS

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