

## Read Online Duke University Biomedical Engineering

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Michael D Lynch | Duke Biomedical Engineering

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Biomedical Engineering | College of Engineering & Applied ...

A number of investigators both in the Medical Center and the Department of Biomedical Engineering are pursuing these goals problems in imaginative and innovative ways. Phillip Benfey, Ph.D. Department of Cell Biology  
Email: [philip.benfey@duke.edu](mailto:philip.benfey@duke.edu) ... Duke University. Regeneration Next is powered by WordPress at Duke WordPress Sites.

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improve human health through research—from creating the world's first real-time, three-dimensional ultrasound diagnostic system to developing the first engineered blood vessels.

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generous gift from Duke Engineering alumnus Alan L. Kaganov, and matching funds from the Pratt School of Engineering and the Duke Department of Biomedical Engineering. "The challenge of bridging the funding gap that Duke Engineering startups faced resonated with my career experience.

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Graduate School

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process used by biomedical engineers and investigate how they create new diagnosis and treatment methods in tissue engineering, genetic engineering, drug delivery, and biomedical instrumentation.

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Ph.D., Duke University, Biomedical Engineering (2016) B.S., University of Virginia, Biomedical Engineering (2011) Awards. Dean's Award for Excellence in Mentoring, Duke University, 2016; Exceptional Student Award by the International Society

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for Advancement of Cytometry, 2013 & 2015;  
NSF Graduate Research Fellowship, 2012-2015;  
Selected ...

### Duke Biomedical Engineering

Areas of specialization include: biochemical engineering, bioanalytic chemistry, biofluid mechanics, biomedical materials, biomedical modeling, biosensors, biotechnology, cell and tissue engineering, computational systems biology and synthetic biology, DNA-based therapeutics, data acquisition and processing, drug delivery, electrophysiology, ultrasound imaging and

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Regeneration Next Tissue Engineering - Duke University

Jennifer West is the Fitzpatrick Family University Professor of Engineering and Associate Dean of Engineering at Duke University. She has been elected to the National Academy of Engineering and the National Academy of Inventors. She is co-founder of Nanospectra Biosciences. West Lab alumni are leaders in both academia and industry.

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