

# **John E. Speich, Ph.D.**

**Professor and Associate Chair, Department of Mechanical and Nuclear Engineering at VCU College of Engineering**

Engineering East Hall, Room E3254, Richmond, VA, US

Engineering and program development expert with research focused on bladder biomechanics and robotics

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## **Biography**

Professor of Mechanical Engineering since 2018

Director of Cooperative Education for the VCU School of Engineering since 2015

Associate Chair of the VCU Department of Mechanical & Nuclear Engineering since 2010

Director of Undergraduate Studies for Mechanical Engineering since 2007

Associate Professor of Mechanical Engineering 2007 - 2018

Assistant Professor of Mechanical Engineering 2001- 2007

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## **Industry Expertise**

Education/Learning, Research, Mechanical/Industrial Engineering, Medical Devices

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## **Areas of Expertise**

Bladder biomechanics and urodynamics, Smooth muscle biomechanics, Medical Devices, Robotics, Mechanical Engineering, Engineering Education, Cooperative Education

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## **Affiliations**

American Society of Mechanical Engineers (ASME), Society of Urodynamics Female Pelvic Medicine & Urogenital Reconstruction (SUFU), American Urological Association (AUA), International Continence Society (ICS)

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## **Education**

**Vanderbilt University**

Ph.D. Mechanical Engineering

**Vanderbilt University**

M.S. Mechanical Engineering

**Tennessee Technological University**

B.S. Mechanical Engineering

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