

# Research Groups

Vanderbilt University School of Engineering fosters strong partnerships inside the university and with its research peers. The combination of innovative research, commitment to education, and collaboration with a distinguished medical center creates an invigorating atmosphere for faculty members, research staff, graduate students and undergraduates.

## **Biophotonics Center at Vanderbilt**

**Anita Mahadevan-Jansen**, Orrin H. Ingram Professor of Engineering, Professor of Biomedical Engineering  
[vanderbilt.edu/vbc](http://vanderbilt.edu/vbc)

## **Vanderbilt Center for Mechanobiology**

**Cynthia Reinhart-King**, Cornelius Vanderbilt Professor of Engineering, Professor of Biomedical Engineering

## **Center for Rehabilitation Engineering and Assistive Technology**

**Michael Goldfarb**, H. Fort Flowers Professor of Mechanical Engineering

**Karl Zelik**, Associate Professor of Mechanical Engineering  
[engineering.vanderbilt.edu/create](http://engineering.vanderbilt.edu/create)

## **Consortium for Risk Evaluation with Stakeholder Participation**

**David Kosson**, Cornelius Vanderbilt Professor of Engineering, Professor of Civil and Environmental Engineering  
[cresp.org](http://cresp.org)

## **Frist Center for Autism and Innovation**

**Keivan Stassun**, Stevenson Professor of Physics & Astronomy, Professor of Computer Science  
[my.vanderbilt.edu/autismandinnovation/](http://my.vanderbilt.edu/autismandinnovation/)

## **Institute for Software Integrated Systems**

**Janos Sztipanovits**, E. Bronson Ingram Professor of Engineering  
[isis.vanderbilt.edu](http://isis.vanderbilt.edu)

## **Institute for Space and Defense Electronics**

**Ron Schrimpf**, Orrin H. Ingram Professor of Engineering, Professor of Electrical Engineering  
[isde.vanderbilt.edu](http://isde.vanderbilt.edu)

## **Laboratory for Systems Integrity and Reliability**

**Douglas Adams**, Daniel F. Flowers Professor, Distinguished Professor of Civil and Environmental Engineering  
[vu.edu/lasir](http://vu.edu/lasir)

## **Multiscale Modeling and Simulation Group**

**Peter Cummings**, John R. Hall Professor of Chemical Engineering  
[my.vanderbilt.edu/mums](http://my.vanderbilt.edu/mums)

## **Vanderbilt Center for Environmental Management Studies**

**Mark Abkowitz**, Professor of Civil and Environmental Engineering, Professor of Engineering Management  
[vanderbilt.edu/VCEMS/](http://vanderbilt.edu/VCEMS/)

## **Vanderbilt Center for Transportation and Operational Resiliency**

**Craig Philip**, Research Professor of Civil and Environmental Engineering  
[vanderbilt.edu/vector](http://vanderbilt.edu/vector)

## **Vanderbilt Institute for Data Science**

**Douglas Schmidt**, Cornelius Vanderbilt Professor of Engineering, Professor of Computer Engineering and Computer Science  
<https://www.vanderbilt.edu/datascience/>

## **Vanderbilt Institute for Integrative Biosystems Research and Education**

**John Wikswa**, Cain University Professor, Professor of Biomedical Engineering  
[vanderbilt.edu/viibre](http://vanderbilt.edu/viibre)

## **Vanderbilt Institute of Nanoscale Science and Engineering**

**Sharon Weiss**, Cornelius Vanderbilt Professor of Engineering, Professor of Electrical Engineering  
[vanderbilt.edu/vinse](http://vanderbilt.edu/vinse)

## **Vanderbilt Institute for Surgery and Engineering**

**Benoit Dawant**, Cornelius Vanderbilt Professor of Engineering, Professor of Electrical Engineering  
[vanderbilt.edu/vise](http://vanderbilt.edu/vise)

## **Vanderbilt University Institute of Imaging Science**

**John Gore**, Hertha Ramsey Cress Professor of Medicine, University Professor of Radiology and Radiological Sciences, Professor of Biomedical Engineering  
[vuiis.vanderbilt.edu](http://vuiis.vanderbilt.edu)