

	<b>Institution</b>
1	Auburn University
2	Duke University
3	East Carolina University
4	Georgia Institute of Technology
5	Indiana University
6	Johns Hopkins University
7	Pennsylvania State University
8	Rowan University
9	Rutgers, The State University of New Jersey
10	Tennessee Tech University
11	The Children's Hospital of Philadelphia
12	UC San Diego
13	University of Connecticut
14	University of Georgia Research Foundation, INC
15	University of Houston
16	University of Illinois at Urbana-Champaign
17	University of Kentucky
18	University of Louisville
19	University of Maryland
20	University of Minnesota
21	University of Nebraska-Lincoln
22	University of New Mexico
23	University of Pennsylvania
24	University of Pittsburgh
25	University of South Florida
26	University of Texas at Austin
27	University of Virginia
28	University of Washington
29	University of Washington Bothell
30	Virginia Commonwealth University
31	Wake Forest University School of Medicine
32	Worcester Polytechnic Institute

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**Site Name**

Collaborative Approaches among Scientists and Engineers
REU Site for Meeting the Grand Challenges in Engineering
Biomedical Engineering in Stimulation, Imaging, and Modeling (BME-SIM)
REU Site: Southeastern Undergraduate Internship in Nanotechnology
REU Site: Multidisciplinary Research for Undergraduates in Nanomaterials for Energy and Biological Applications
REU Site: Program in Nanotechnology for Biology and Bioengineering
REU Site: Penn State Cardiovascular Research: Engineering A Translational Experience (CREATE)
REU Site: Biomedical Materials, Devices, Therapeutics, and Emerging Frontiers
REU Site: Cellular Bioengineering --From Biomaterials to Stem Cells
Manufacturing and Techno-Entrepreneurship
REU Site: Injury Science Research Experience for Undergraduates
REU Site: Engineered Materials for Tissue Engineering and Drug Delivery
REU Site: Entrepreneurial Research Experience for Undergraduates
REU Site: Interdisciplinary Research Experiences in Nanotechnology and Biomedicine
REU Site: Neurotechnologies to Help the Body Move, Heal, and Feel Again
REU Site: Frontiers in Biomedical Imaging
REU Site: A Multidisciplinary Research Experience in Engineered Bioactive Interfaces and Devices
REU SITE: Interdisciplinary Micro/nano/additive-manufacturing Program Addressing Challenges Today ,Ài Next Generation (IMPACT-NG)
REU Site: New approaches to engineering cells, tissues, and organs
REU Site: Neural Systems Engineering
REU Site: Undergraduate Research Opportunities in Biomedical Devices at the University of Nebraska-Lincoln
Research Experiences for Undergraduates in Nanoscience and Microsystems Engineering
REU Site: SUNFEST: Summer Undergraduate Research in Sensor Technology
REU Site: American Student Placements in Rehabilitation Engineering
REU Site: REU in Functional Materials and Manufacturing at University of South Florida
REU Site: BME Community of Undergraduate Research Scholar
REU Site: Multi-Scale Systems Bioengineering and Biomedical Data Sciences
REU Site: Sensorimotor Neural Engineering
REU Site: Next-generation health monitoring systems with flexible electronics, novel algorithms and secure communication
REU Site: Mechanobiology at VCU
REU Site: Imaging and mechanics-based Projects on Accidental Cases of Trauma(IMPACT)
REU Site: Integrated Bioengineering Research, Education, and Outreach Experiences for Females and Underrepresented Minorities at WPI

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**Site URL**

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<a href="http://reu.bioengineering.illinois.edu/">http://reu.bioengineering.illinois.edu/</a>
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<a href="https://bioe.umd.edu/undergraduate/reu">https://bioe.umd.edu/undergraduate/reu</a>
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<a href="http://www.unl.edu/summerprogram/biomedical">http://www.unl.edu/summerprogram/biomedical</a>
<a href="http://reu.unm.edu">http://reu.unm.edu</a>
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<a href="http://www.wpi.edu/+bmereu">http://www.wpi.edu/+bmereu</a>

Department	City	State	Zipcode
College of Engineering and College of Sciences and Mathematics	Auburn	Alabama	36849
Pratt School of Engineering	Durham	North Carolina	27708
Engineering	Greenville	North Carolina	27858
Institute for Electronics and Nanotechnology	Atlanta	Georgia	30332
Integrated Nanosystems Development Institute (INDI)	Indianapolis	Indiana	46202
Institute for NanoBioTechnology	Baltimore	Maryland	21218
Biomedical Engineering	University Park	Pennsylvania	16802
Biomedical Engineering	Glassboro	New Jersey	8028
Biomedical Engineering/School of Engineering	Piscataway	New Jersey	8854
College of Engineering	Cookeville	Tennessee	38505
The Center for Injury Research and Prevention	Philadelphia	Pennsylvania	19146
Bioengineering	La Jolla	California	92093
School of Engineering	Storrs	Connecticut	6269
College of Engineering	Athens	Georgia	30602-5016
IUCRC BRAIN Center	Houston	Texas	77204
Department of Bioengineering	Urbana	Illinois	61820
College of Engineering	Lexington	Kentucky	40506
J.B. Speed School of Engineering	Louisville	Kentucky	40208
Bioengineering	College Park	Maryland	20742
Biomedical Engineering	Minneapolis	Minnesota	55455
Biological Systems Engineering	Lincoln	Nebraska	68583
Center for Microengineered Materials & Materials & Department of Chemical & Biological Engineering	Albuquerque	New Mexico	87131-0001
School of Engineering and Applied Science	Philadelphia	Pennsylvania	19104
Rehabilitation Science & Technology	Pittsburgh	Pennsylvania	15213-2303
College of Engineering	Tampa	Florida	33620
Biomedical Engineering	Austin	Texas	78712-1532
Biomedical Engineering	Charlottesville	Virginia	22908
Center for Sensorimotor Neural Engineering	Seattle	Washington	98105
Division of Engineering & Mathematics, Electrical Engineering Program	Bothell	Washington	98011
Biomedical Engineering	Richmond	Virginia	23219
Biomedical Engineering	Winston-Salem	North Carolina	27157
Biomedical Engineering	Worcester	Massachusetts	1609

## Research Topics/Keywords

Cross-disciplinary research projects that span the discipliners of Engineering, computer science, chemistry, biology, physics and geosciences, team mentoring  
Grand Challenges, Biomedical Eng., Civil Eng. and Environmental Eng., Electrical and Computer Eng., Mechanical Eng. and Materials Science  
Biomedical Engineering, Bioengineering, Biomechanics, Motor Control, Biomaterials, Stimulation, Imaging, Virtual/Augmented Reality, Modeling, Computational  
Nanotechnology, nanoscale science and engineering, physics, chemistry, engineering, biomedical engineering, materials science  
NanomtIs, Nanofab, Future Mfg, Nanobiosensors, Batteries, Fuel Cells, Nanofluidics, Paper-based Analytical Devices, Phase Change Magnetic Nanomaterials, Bio  
Engineering, Biosciences, Stem Cells, Diagnostic Tools, Nanotechnology, Nanobiotechnology, Computational, Immunotherapy, Tissue Repair, Biomedical, Chemical & Bion  
Cardiovascular, biomaterials, devices, translational, tissue engineering, creativity  
Biomedical Engineering, Biomaterials Engineering, Bionanotechnology, Medical Devices, Pharmaceutical Engineering & Therapeutics, Nanomanufacturing, Regenerat  
tissue engineering, regenerative medicine, drug delivery, imaging, translational research, innovation, entrepreneurship, MEMS, biomaterials, stem cells, bioengin  
Manufacturing, Entrepreneurship, Techno-entrepreneurship, Engineering, Robotics, Additive, 3D Printing, Mechanical, Electrical, Chemical  
injury science, injury prevention, pediatrics, concussion, traffic safety, violence prevention  
Biomaterials, Polymers, Cells, Tissues, Mechanical Properties, Nanoparticles, Collagen, Fibronectin, Electrospinning, Foams, Hydrogels  
entrepreneurship, intellectual property, multidisciplinary, business plan, idea generation, engineering, technology  
Nanotechnology, Biomedicine  
neurotechnology, neuroscience, computational neuroscience, brain imaging, medical devices, neuroprostheses, neural interfaces, robotics, neural engineering, rehabi  
Bioengineering, medicine, microscopy, microscope, spectroscopy, tomography, molecule, cell, tissue, cancer, oncology, neuron, brain, analysis, diagnostics, diagnosis, sim  
Biomaterials, Biological systems, Membranes, Interfaces, Devices  
Nanotech, Advanced Mfg, Eng, MEMS, Additive Mfg, 3D Printing, Micro-fluidics, Nano-mfg, Microelectronics, Sensors, Optics, Electrokinetics, Energy Transfer, Micro-r  
bioengineering, engineering cell, tissues, organs  
Biomedical Engineering, Neural Engineering, Computational Modeling, Biomedical Devices  
Biomedical Engineering; Biomedical Devices; Bioengineering  
nanomaterials, biomaterials, nanoparticles, energy conversion, catalysts, fuel cells, imaging, flow cytometry, drug delivery, Self assembly, Optoelectronic devices,  
Sensors, Sensor Technology, Sensors for Robotics, Imagers, Biomedical, Biosensors, Chemical Sensing, Nanotechnology, Bio-inspired sensing, Electrical Engineerin  
Rehabilitation Engineering  
functional materials, manufacturing, nanomaterials, composites, sensors, materials science, materials engineering  
Research Cancer  
Systems bioengineering, biomedical engineering, Systems biology, biomedical data science, biology, bioinformatics, computational biology  
biosciences, neuroscience, neural engineering  
Biomedical devices, flexible electronics, signal processing, data security  
Mechanobiology, cell mechanics, cell engineering, tissue engineering, drug delivery  
Biomechanics, biomedical engineering, cancer, computing, finite element Modeling, fracture, human, injury, medical imaging, military, motor vehicle crash, robo  
biomedical engineering, regenerative medicine, biomechanics, anti-microbial, biomaterials

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