

Institution	Industry	Niche Opportunity
University of Virginia (U.Va.)	Advanced Manufacturing	Semiconductor Technologies
	Advanced Manufacturing	RF/VLSI Circuit Design
	Advanced Manufacturing	Robotics
	Advanced Manufacturing	Electronic Components
	Aerospace	Aerospace Components Engineering
	Communications	Mobile Communications Equipment
	Communications	Secure Communications/Cyber Security
	Communications	Wireless Networks
	Communications	Mobile Communications
	Energy	Biofuels
	Energy	Photovoltaic Technologies
	Energy	Wind Energy
	Energy	Smart Grid Technologies
	Energy	Grid Security
	Energy	Energy Storage Platforms
	Energy	Energy Metering Equipment
	Energy	Energy Systems Engineering
	Energy, Environment	Carbon Sequestration Technologies
	Environment	Water Quality
	Environment	Green/Sustainable Building Design (Residential and Commercial)
	Environment	Sustainable Landscape Design
	Environment	Environment/Climate Change Research
	Environment	Environmental Policy
	Environment, Nanotechnology	Environmental Impacts of Nanotechnologies
	Information Technology	Computer Software
	Information Technology	Cloud Computing
	Information Technology	Data Analytics
	Information Technology	Network Security/Cyber Security
	Information Technology	High Performance Computing
	Information Technology	Modeling and Simulation
	Information Technology	Visualization
	Information Technology	Education Technologies
	Information Technology	National Security Technologies
Information Technology, Life Sciences	Bioinformatics	
Information Technology, Life Sciences	Remote Patient Monitoring and Care Delivery	

	Information Technology, Life Sciences	Integration of Social Media and Patient Care
	Life Sciences	Medical Device Development
	Life Sciences	Diagnostics and Assays
	Life Sciences	Imaging and Radiology
	Life Sciences	Research Reagents
	Life Sciences	Inflammation Research
	Life Sciences	Neuroscience
	Life Sciences	Public Health and Aging
	Life Sciences	Pharmaceuticals
	Life Sciences	Therapeutics
	Life Sciences	Biomarkers
	Life Sciences	Drug Delivery
	Life Sciences	Cancer Research
	Life Sciences	Personalized Medicine
	Materials	Polymers
	Materials	Materials Engineering
	Materials	Construction Materials
	Nanotechnology	Nanomaterials
	Nanotechnology	Nanoscale Devices
	Nanotechnology	Nanoscale Electronics
	Nanotechnology	Nanomanufacturing/Nanotube Applications
	Nanotechnology	Targeted Delivery of Nanomedicine
	Sensors	Environmental Sensing
	Sensors	Remote Sensing
	Sensors	Sensor Networks
	Transportation	Autonomous Vehicle Technology
	Transportation	Vehicle Safety Technologies/Research
	Transportation	Driver Monitoring
	Transportation	Shipbuilding Technologies
	Transportation	Transportation Engineering
	Transportation	Vehicle Performance
		Optics and Lasers