



What we imagine, we can make happen

At GE Global Research, we believe that “what we imagine, we can make happen.” Our world-class scientists and engineers are developing advanced technologies for industries ranging from wind energy to aviation and from healthcare to entertainment. In fact, GE Global Research is the world’s most diverse industrial research lab, with researchers in every major technical discipline at four state-of-the-art centers around the world.

GE Global Research has been the cornerstone of GE technology since its founding as the first U.S. industrial research lab in 1900. Our esteemed researchers have included innovation giants such as Charles Steinmetz, Irving Langmuir and William Coolidge. We’ve been honored to produce Nobel Prize winners and incredible technology breakthroughs ranging from the modern medical X-ray tube to man-made diamonds to composites for the world’s most powerful jet engine.

Today, our researchers are creating the next generation—and beyond—of technology for one of the world’s most successful and admired companies. At our headquarters in Niskayuna, in Upstate New York, nearly 1,600 technologists—the majority of whom hold doctorate degrees—work on multi-disciplinary teams in ten primary technology laboratories: energy and propulsion, ceramics and metallurgy, electronics and energy conversion, micro and

nano structures, biosciences, computing and decision sciences, imaging technology, material analysis, polymer and chemicals, and material systems. And, perhaps the only thing more diverse than the technologies is our people, who hail from more than 50 countries. GE Global Research labs also are located in Munich, Germany; Shanghai, China; and Bangalore, India.

GE Global Research provides rich, rewarding technical careers. Collaborative research and an open-idea environment are fundamental. Our technical career path provides a framework for researchers to grow with development, learning and recognition. If you have ideas, passion and drive, you have a place where you can succeed. If new challenges and new industries energize you, GE Global Research is a place where you will thrive.



Imagine what GE
Global Research
will make happen
next. Are you ready
to join us?



Breadth and depth of technology unrivaled

Our range of technical disciplines is vast—and below is just a sampling of major fields of study. There’s always an exciting new challenge on the horizon at GE Global Research because “what we imagine, we can make happen.” Visit ge.com/research to learn more about our current opportunities.

Technology Organizations

- Biosciences
- Ceramics & Metallurgy Technologies
- Computing & Decision Sciences
- Electronics & Energy Conversion
- Energy & Propulsion Technologies
- Imaging Technologies
- Material Analysis & Chemical Sciences
- Material Systems Technologies
- Micro & Nano Structures Technologies
- Polymer & Chemical Technologies

Typical Majors

Typical Majors	Biosciences	Ceramics & Metallurgy Technologies	Computing & Decision Sciences	Electronics & Energy Conversion	Energy & Propulsion Technologies	Imaging Technologies	Material Analysis & Chemical Sciences	Material Systems Technologies	Micro & Nano Structures Technologies	Polymer & Chemical Technologies
Aerospace/Aeronautical Engineering				•	•			•		
Biochemistry	•						•			
Biology	•						•			
Biomedical Engineering	•			•		•			•	
Chemical Engineering	•	•		•	•		•	•	•	•
Chemistry	•	•					•		•	•
Computer Science	•		•			•				
Electrical Engineering			•	•		•		•	•	
Environmental Engineering	•						•			
Industrial Engineering		•	•						•	
Instrumentation	•	•		•		•			•	
Manufacturing Engineering		•					•	•		
Materials/Metallurgy		•		•			•	•	•	•
Mathematics/Statistics	•		•							
Mechanical Engineering		•	•	•	•	•		•	•	
Nuclear Engineering		•		•	•	•				
Optical Engineering		•				•		•	•	
Physics	•	•		•	•	•	•	•	•	•
Systems Engineering			•	•	•	•		•	•	

