









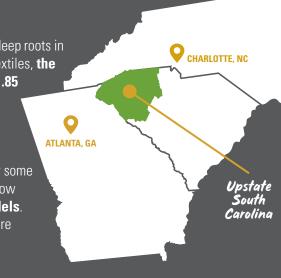








Upstate businesses are engineering materials that are solving industry challenges and producing materials for some of the world's most complex products — innovations now found in **Boeing's 787 Dreamliner to BMW's X models**. From surfboards to circuit boards, Upstate companies are making materials that are lighter, stronger, and faster.



Strength in Engineering







UPSTATE LEADERS IN ENGINEERED MATERIALS

















FUELING THE CLUSTER

From advancing optical connectivity to pioneering bioresorbables to lightweighting solutions for the automotive and aerospace industries, innovation and engineering are fueling the advanced materials cluster in the Upstate. And, our local research institutions are partnering with Upstate companies to support innovative R&D and engineering that propel industry forward.

ADVANCED MATERIALS RESEARCH LABORATORY

Clemson's Advanced Materials Research Laboratory (AMRL), a state-of-the-art facility, houses internationally recognized research programs in optoelectronics, chemistry and materials science.



• Electron Microscopy Laboratories

Available resources include:

- Laser & Chemical Laboratories
- Optical Fiber Drawing Capabilities • Class 100 Clean Rooms & Instrumentation Facilities

CLEMSON COMPOSITES CENTER

Companies can test, refine and commercialize cost-effective technologies related to all aspects of composites and lightweight materials design, process, manufacturing, characterization and testing at this investigative research and educational hub.



Manufacturing equipment includes manual and automated injection molding, compression, forming and continuous processes.

Facility includes:

- Composite Production Lab
- Compounding / Lab Scale Injection Molding Lab
- Pre- and Post-Composite Fabrication Lab
- Industry Scale 1,000-ton High-Pressure Resin Transfer Molding Press

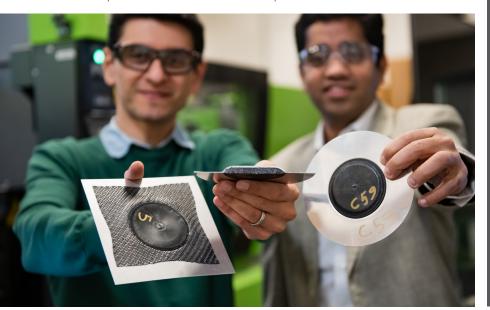
McNAIR CENTER FOR AEROSPACE INNOVATION & RESEARCH

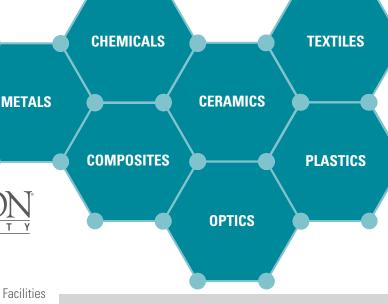
The McNair Center's mission is to support the aerospace industry through education, research and economic engagement, with \$30 million in annual research grants and 100 graduates each year.



Primary research areas:

- Advanced Composites
- Advanced Air Mobility
- Combustion
- Automation







Deciding where to lay down roots was a big decision, but the partnership offered by state and local officials in combination with access to talent and amenities in the area made it easy. We look forward to growing a world class team and operation in Union County, South Carolina.

Doug Hardesty

CHIEF OPERATING OFFICER, MYCOWORKS

RECENT UPSTATE ANNOUNCEMENTS by Capital Investment

COMPANY	CAPEX	JOBS
Toray Industries	\$200,000,000	125
MycoWorks	\$107,000,000	400
Pregis	\$80,000,000	120
Sealed Air Corporation	\$70,000,000	0
Glen Raven	\$70,000,000	135
Smurfit Kappa	\$68,000,000	200
Evrnu	\$51,850,000	65
Fibertex Nonwovens Inc	\$49,500,000	39
TC Transcontinental Packaging	\$47,000,000	0
Verdeco Recycling	\$43,000,000	79

