

# RESEARCH AREAS



### TRANSFORMATIVE RESEARCH IN HEALTH, SUSTAINABILITY, CONNECTIVITY AND EDUCATION

Embark on a journey of transformative research at the Henry M. Rowan College of Engineering. Guided by the resonating question posed by Henry M. Rowan himself, our college excels in impactful research, with a dedicated focus on **health**, **sustainability, connectivity** and **education.** These pillars form the foundation for our endeavors as we tackle challenges of profound global significance.

→ "Where would my money have the most impact? Where would it actually change people's lives?"

– Henry M. Rowan

Learn more at go.rowan.edu/impactfulresearch



# FACULTY RESEARCH

# IMPACTFUL SUSTAINABILITY Sustainable Materials & Processes

## Joseph Stanzione, III, Ph.D.

Dr. Joseph Stanzione III, a professor of chemical engineering and the founding director of Rowan University's Advanced Materials & Manufacturing Institute (AMMI), has secured funding of up to \$36 million to develop new "super" materials and explore ways to integrate traditional and novel manufacturing processes on a single platform. This collaborative project, involving the Army Research Laboratory and various industry and academic partners, will focus on combining unconventional, domestically sourced raw materials with innovative manufacturing methodologies while advancing fundamental materials science and engineering.

**Grant Award:** Convergent Manufacturing Platforms: Fundamental Research Guided by Operational Utility

**Grant Funding:** \$36 million 8/27/2024 – 8/26/2029

#### EDUCATION

Ph.D., Chemical Engineering, University of Delaware

M.S., Chemical Engineering, Drexel University

B.S., Chemical Engineering, Drexel University



HENRY M. ROWAN COLLEGE OF ENGINEERING



**LEARN MORE:** Scan the QR code to learn more about Dr. Stanzione's Award.