

Calendar

NJ SAMPE Events

April 9, 5:00 PM - Student Night

Virtual Networking Session & Presentations
Alexander Bohensky, Austin Felixbrod, and
Donovan F. Kenny - Rowan University
Isha Shah - Rutgers University

[Teams Meeting Link](#) | Passcode: JZ7ow6zs

May 8, 5:30 PM

Presentation by Airtech International
Location To Be Announced

SAMPE Webinars

April 16, 10 AM PST (1 PM EST)

“Life Cycle Analysis of Carbon Fibres”

Presented by Ignaas Verpoest,
Prof. Emeritus, U Leuven, Belgium

[Register](#)

May 7, 10 AM PST (1 PM EST)

SAMPE Tech Briefing

Presented by the
SAMPE Technical Committees

[Register](#)

SAMPE 2025

May 19 - 22

Indianapolis, IN

CAMX 2025

September 8 - 11

Orlando, FL

Remembering Raymond Wegman, Founding Member of NJ SAMPE

The Chapter Board was saddened to learn of Ray Wegman’s passing on March 14, 2025. He was 96 years old.

Ray was born in Clifton, New Jersey on September 22, 1928. With his first wife, he had a son and a daughter. Ray married Rose Marie Cole in 1964 and had four more daughters. They were married for 48 years.

Ray graduated from the Newark College of Engineering in 1949 and obtained a BS in Chemistry from Seton Hall University in 1951. In 1956, he joined Picatinny Arsenal, where he developed procedures to bond uranium, beryllium, and rare earth metals. After 30 years at Picatinny, he retired and started his own consulting company, Adhesion Associates.

In 1976, Ray started an effort to organize a diverse group of materials engineers into a local chapter of SAMPE. The first organizational meeting was held on June 17, 1976 at his home in Ledgewood, NJ. Each of the 7 originating members advanced the treasury \$10 to cover organizational expenses. Ray was elected Chairman at the second meeting on July 22, 1976 at the Village Barn in Lake Hopatcong. At the end of the first year, a social meeting was held on June 17, 1977 at the Meadowbrook Dinner Theater in Cedar Grove NJ. The show was Guys and Dolls.



Raymond Wegman, NJ SAMPE's first Chapter Chairman and longest tenured SAMPE member.

Throughout his career, Wegman published more than thirty papers, taught research findings, and authored multiple books on nondestructive test methods for structural composites and surface preparations for adhesive bonding and structural repair. He also co-authored over 20 American Society for Testing and Materials (ASTM) standards for materials and processes for durable rigid wall relocatable structures.

In recognition of his contributions, Ray was elected a Fellow of SAMPE in 1985. He was a SAMPE member for 57 years.

Last Call: Free SAMPE Student Memberships

NJ SAMPE is pleased to offer a limited number of free Student Memberships to support university students who desire to get more involved in SAMPE.

This program has generated a lot of interest - only a few more memberships remain to be claimed!

Contact Joe Abrantes, our Educational Outreach Chair, at joe@njsampe.org for more information.

This opportunity was made possible by our generous Chapter Sponsors.

We are especially grateful to [Kaneka North America](#), who allocated additional funds specifically for this purpose.



Student Night: April 9th

This year’s Student Night meeting will be held virtually on Wednesday, April 9th.

We invite all Chapter members to join the call at 5 PM for a networking session prior to the student presentations.

Our speakers this year will be representing Rowan University and Rutgers University.



Alexander Bohensky, Austin Felixbrod, and Donovan F. Kenny, a team of three Mechanical Engineering students from Rowan University, will discuss their progress toward design and fabrication of composite bridge structures for the SAMPE student competition.



Presenter Isha Shah is a junior studying Mechanical Engineering at Rutgers University - New Brunswick. Shah works in Dr. Jonathan Singer’s Hybrid Micro-Nanomanufacturing Lab, studying a manufacturing technique known as self-limiting electrospray deposition (SLED).

Their presentation, entitled "Why do we SLED? nSLED² = SLED", will review the group’s recent work in attempting to address some of the limitations of the technique.

[Teams Meeting Link](#) | Passcode: JZ7ow6zs

Dial in by phone: +1 347-779-1810

Phone conference ID: 744 072 198 #

Sponsor of the Month: Rowan University AMMI

Founded in 2019, the Advanced Materials & Manufacturing Institute (AMMI) focuses on advancing fundamental and applied science and engineering technology related to materials and manufacturing.

With the vision to responsibly utilize nature's chemistries to enhance material performance and to improve global sustainability, AMMI activities are mapped to four strategic technical initiatives: Advanced Composites, Optics/Photonics, Batteries, and Sustainability.

They partner with other universities and community colleges, government agencies, industry leaders, and non-profits, to address challenges in education, energy, food & water, national security, and sustainability at both the national and local level.

AMMI's main facilities are located at Rowan's South Jersey Technology Park in the Samuel H. Jones Innovation Center (SJIC). Approximately 4,500 square feet of space at SJIC includes dedicated offices and state-of-the-art labs for optics/photonics, characterization, synthesis, and composites. They also utilize shared lab space for 3D Printing and Mechanical Testing.

On the main university campus, AMMI has collaborative facilities with the Physics & Astronomy department in Rowan's Science Hall, and with the Mechanical & Chemical Engineering departments in Rowan Hall.

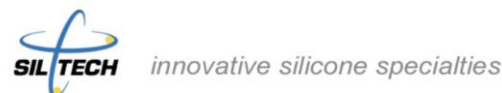
Located in Rowan Hall and unique to AMMI is their Cold Spray Facility, where they conduct research in Cold Spray Additive Manufacturing (CSAM).

For more information, contact:

Professor Joe Stanzione
Founding Director
856-256-5356
stanzione@rowan.edu



Thank You to Our 2024 - 2025 Corporate Sponsors



We are the New Jersey Chapter of SAMPE

Chartered in 1977, NJ SAMPE is one of the oldest Chapters in the SAMPE network. We serve the greater NJ/NY/CT/PA area by focusing on our membership, as well as student and young professional outreach. NJ SAMPE includes ten SAMPE Fellows, thirteen Senior Honorary Members, one SAMPE George Lubin Award Winner, and one SAMPE Young Professionals Emerging Leadership Award Winner. NJ SAMPE was designated as SAMPE's first Center of Excellence for Additive Manufacturing in 2018.

We welcome you to participate and network, either for business opportunities, recruitment, or keeping up with industry trends in the region. As the only technical society encompassing all fields of endeavor in materials and processes, SAMPE provides a valuable forum for scientists, engineers and academics. We especially invite students and young professionals to engage in dialog with industry members, explore career options, make presentations at monthly meetings, and join our local student chapters.

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