

NJ SAMPE Scholarship Program – Last Call for Applications



NJ SAMPE's scholarship program supports students planning to pursue higher or vocational education in science, technology, engineering, or mathematics (STEM).

Scholarships are offered annually for full-time study at an accredited university or vocational school of the student's choice. The Program is administered by the NJ SAMPE Board of Directors, and all awards are granted without prejudice. For the 2024-25 academic year, awards will be granted up to the maximum amount of \$2000.

Applicants must either be members of one of our 3 local student chapters or relatives of NJ SAMPE Chapter members having a minimum of one year of membership with the Chapter as of the application deadline. An eligible Chapter member may also serve as sponsor for a deserving candidate's application (ex: neighbor, intern, etc.).

Submit applications to joe@njsampe.org no later than March 15, 2024.

Winners will be notified before our Student Night meeting in April, where the scholarship awards will be presented.

For complete information on eligibility, the application and awarding process, please visit our [website](#).

Student Night Speaker Slots Available

Students are invited to present their projects, research, or SAMPE Student Chapter activities to Chapter membership at Evonik (Piscataway, NJ) on Thursday, April 4th.

Those interested in presenting should contact Howard Kliger at hskliger@comcast.net.

Giants of NJ SAMPE: Ray Wegman

Founder of the NJ SAMPE Chapter

Raymond F. Wegman's education and career were focused on developing safe and high-quality products and processes. He graduated from the Newark College of Engineering in 1949 and obtained a BS degree in Chemistry from Seton Hall University in 1951. In 1956, he started working at Picatinny Arsenal, where he developed procedures to bond uranium, beryllium, and rare earth metals. His expertise was sought during the Vietnam Era to improve the safety and life expectancy of the titanium panels of the Cobra and Huey helicopters. Ray's work helped standardize repairs across Army bases nationally.

After 30 years of working in civil service, Ray retired and started his own consulting company, Adhesion Associates. He accomplished a lot during this time, including writing over 20 American Society for Testing and Materials (ASTM) standards for materials and processes for durable rigid wall relocatable structures. Ray also served as the Chairman of this subcommittee and was recognized with the title of Fellow. In addition, he holds several process patents, published over thirty papers, taught research findings, and authored multiple books on nondestructive testing methods for structural composites, surface preparations for adhesive bonding, and structural repair. His work in this field still stands as a representation of the original work done.

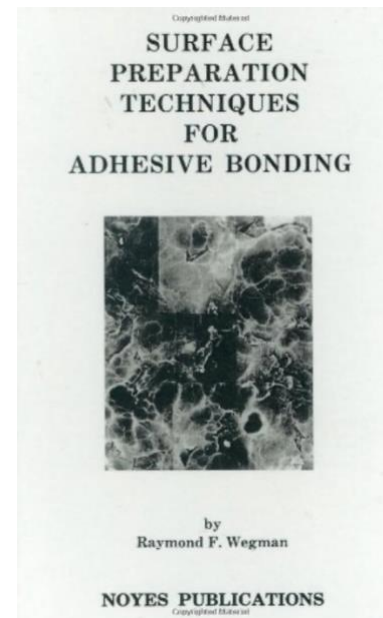
Ray has had a long and impressive career with SAMPE, dating back to his attendance at the Fort Worth Chapter monthly meeting in 1967. Despite initially struggling to start a New Jersey Chapter, he eventually found success as the Chairman and Senior National Director of the Metro New York Chapter.

In 1976, he finally achieved his goal of starting the New Jersey Chapter and held the first organizational meeting in his backyard.



This Chapter went on to become incredibly successful, winning the SAMPE Best Chapter Award for 11 out of 12 years until the award was retired. In recognition of his contributions, Ray was elected a Fellow of SAMPE in 1985, and he has remained an active member of the association's committees for over 40 years.

It's wonderful to hear that Ray has decided to move back to New Jersey at the age of 95 after spending many years enjoying his hobbies of golf, swimming, and traveling in Florida. It's heartening to know that he's chosen to be closer to his daughter's family, grandchildren, and great-grandchildren.



One of Ray Wegman's many publications from his long career in the composites industry. [Image credit: amazon.com]

Save the Date!

Banquet in honor of George Lubin
Award Recipient Leonard Poveromo.
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Upcoming Events

Preview our calendar of events for the
second half of our 2023-2024 season.
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Sponsor of the Month

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Save the Date: Len Poveromo Banquet

NJ SAMPE will be honoring long-time SAMPE member and recent George Lubin Memorial Award winner Leonard Poveromo with a banquet dinner, to be held on March 26, 2024 at Bridgewater Manor in Bridgewater, NJ.

The Lubin Award is one of the most prestigious awards given by SAMPE and reserved for those who have meritoriously fostered the advancement of material and process technology and/or enhanced the attainment of the objectives of the Society. Recipients must have attained national or international recognition in the materials and processes field.

Please join us in celebrating Len's 47-year career and technical contributions to the advanced composite industry.

All are invited. RSVP by March 15th.



Professionals - \$75 per seat
Retirees & Students - \$50 per seat
Pre-payment options are available.
Check or cash accepted at the door.

Event sponsorship opportunities are available:
Student seats, centerpieces, beverage tickets

Contact megan@njsampe.org for payment, details, and sponsorship opportunities.

Planning for 4th Annual Additive Manufacturing Symposium Underway

Missed our 3rd Annual Regional Additive Manufacturing Symposium at Rowan University? Now's your chance to help plan and participate in our 4th symposium, scheduled for June 2024.

NJ SAMPE is looking for speakers, session moderators, event sponsors, student poster entries, catering support, copywriters, and anyone else that wants to help shape this annual event, reinforcing NJ SAMPE's designation as a SAMPE Center of Excellence for Additive Manufacturing.

Please contact joe@njsampe.org today to join the planning committee.

Strong Turnout for February's meeting at Rowan University

Our February monthly meeting, sponsored by the Rowan University Student Chapter, featured a 3-person panel discussion on careers in materials and process engineering. Dr. Russell Caspe, Gentex; Melissa Jaime, Aurorium; and Michael McClain, P.E., CQ Medical fielded questions from over 15 students, as reported by Faculty advisor Dr. Behrad Koohbor.



This meeting was the 3rd career panel hosted this season, with others well-received at NYU Tandon and Rutgers University, in conjunction with their respective Student Chapters.



Panel members Dr. Russell Caspe, Melissa Jaime, and Michael McClain, P.E., scoring the famous NJ SAMPE YETI tumblers for their valuable participation.

Local Women Network with SAMPE Leadership

On February 12th, women from the Northeast region joined SAMPE CEO Rebekah Stacha and North America Executive Cabinet President Sarah Cox on a virtual call to network and share personal experiences.

Attendees enjoyed discussing how to increase women's engagement in SAMPE events.

Both Stacha and Cox expressed interest in hosting more of these sessions and expanding them to include members from across North America.

SAMPE Mourns the Loss of Scott Beckwith

Dr. Scott Williams Beckwith passed away peacefully at home on February 7th after a long battle with heart failure and diabetes. He was 82 years old.

Scott was a member of SAMPE for nearly 50 years and served in many roles, including Global Technical Director and as the SAMPE Journal Editor-in-Chief.

Dr. Beckwith's obituary can be found [here](#).

[Note: This article was adapted from a SAMPE North America [LinkedIn post](#).]

2024 Calendar

NJ SAMPE Events

March 26

Banquet in Honor of Leonard Poveromo
Bridgewater Manor, Bridgewater, NJ

April 4

Annual Student Night, Evonik Corporation,
Piscataway, NJ

Students looking to present should contact
Howard Kliger at hskliger@comcast.net

June

4th Annual Additive Manufacturing Symposium,
Location TBD

SAMPE North America Technical Committee Events

February 21 - 11 AM ET (Webinar)

Welding of Thermoplastic Composites:
Fundamentals and Improvements

Dr. Ali Yousefpour,
Aerospace Manufacturing Technology Centre,
National Research Council Canada

February 21 - 12 PM ET (Webinar)

Advanced Manufacturing of Compositionally
Complex Ultra-High Temperature Ceramics for
Extreme Environments

Dr. Bai Cui, University of Nebraska-Lincoln

February 28 - 11:30 AM ET (Presentation)

Rheological and crystallization behaviors of low
processing temperature poly(aryl ether ketone)

Nick Enos, University of Southern Mississippi

For more information and to register for a
webinar, visit [SAMPE365](https://www.sampe.org/SAMPE365).

SAMPE Events

May 20 - 23

SAMPE 2024, Long Beach, CA

September 9 - 12

CAMX, San Diego, CA

Sponsor of the Month:

Evonik Corporation

Evonik is one of the world's leading specialty chemicals companies. The strategy of Evonik focuses on specialty chemicals, customer-focused innovation, and a performance-oriented culture.

Evonik supplies high performance materials for environmentally friendly as well as energy-efficient systems to automotive, paints & coatings, adhesives, construction, and many other industries. While Evonik products often contribute only small amounts of material, those elements are precisely what make the difference.

Evonik stands for attractive business and innovative prowess. Their corporate culture is geared toward results, profitable growth, and increasing the value of the company.

Operating in over 100 countries, Evonik benefits from close customer relationships and leading market positions. Over 32,000 employees are united by the understanding that no product is so perfect that you can't make it better.

For more information, contact:

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Piscataway, NJ 08854
732-981-5246
joe.abrantes@evonik.com



Thank You to Our 2023 - 2024 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 10 SAMPE Fellows, 13 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.

Benjamin M. Rasmussen Chair
Vice-Chair/Student Chapter Liaison
Treasurer
Secretary
Director/Membership Programs
Director/Media
Young Professional Representative

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.

[Melissa Jaime](#), Aurorium
[Joe Abrantes](#), Evonik
[Megan Casey](#), TotalEnergies Cray Valley
[Joseph F. Stanzione](#), Rowan University AMMI
[Amir Islam](#), Bally Ribbon Mills
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