

From: Info Info@sampe.org
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To: jingalls78@gmail.com

SF



Quarterly Newsletter

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Welcome to the SAMPE Foundation's Newsletter

Award Programs Kick off 2023

The SAMPE Foundation has a dual strategy for promoting K-12 STEM education. Firstly, it supports distinguished educators in the STEM domain through the William Dahlgren Teacher of Excellence Award. Secondly, it extends direct assistance to commendable STEM programs across the globe through its Special Grant Awards Program.

William Dahlgren Teacher of Excellence

This spring the SAMPE Foundation approved seven Dahlgren Awards. Each teacher will receive an Honorarium of \$500.

Lisa Whiting - St. Paul VI Catholic High School
Andre Chou - St. Margaret's Episcopal School
Karen Coulombe - Cavero Mid High School
Elvira Deyampont - Thames Elementary School
Tom Amijs - Don Bosco Technisch Instituut Halle, Belgium
Anthony Grisillo - Glenwood Elementary School
Cara Levin - Lakeview Elementary School

Special Grant Awards Program

The SAMPE Foundation is currently accepting grant proposals aimed at enhancing K-12 STEM education globally as part of their outreach initiatives. The board evaluates each proposal to determine the potential benefits of the proposed STEM program. This year, the Foundation awarded two grants of \$10,000 each:

STEM Teachers NYC

STEM Teachers NYC was established in 2011 and has since become a leading organization for teacher-led professional development and integrated teacher-leader growth. They are highly regarded in New York City and the Tri-State area, sought after by teachers, principals, and administrators for their exceptional professional development in science, engineering, and applied math. Additionally, they are a preferred choice for funders who invest in STEM education. In July and August, they hosted 12 successful Summer STEM Institute workshops, which were attended by 181 people. Notably, 81 of those attendees teach in Title I schools. This program was made possible by the SAMPE Foundation Grant

funding, which is supporting the program for the second consecutive year.

Bancroft Elementary School

STEM is a new program for elementary schools in Kennett Square, Pennsylvania. Kennett Square is the Mushroom Capital of the World and home to many Hispanic migrant worker families. The schools are composed of 48% White, 45% Hispanic, and 7% Black, Asian, and other races. 46% of the students qualify for free or reduced lunch. SAMPE Foundation's Special Projects Grant provided \$10,000 to fund two hydroponic systems for the school's STEM program. Hydroponics will provide innovative experiences in growing food and expanding the students' knowledge base of sustainable living, farm to table, and giving back to the community. Hydroponics will be incorporated into the curriculum throughout the school year involving all students in learning sustainable ways to grow food and impacting about 950 students (grades 1 – 5).

Thank You Notes



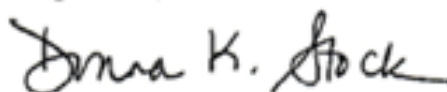
 **BEYOND THESE TOWERS**
THE CAMPAIGN FOR WORCESTER POLYTECHNIC INSTITUTE 

THANK YOU
Your Gift Makes a Difference

Thank you for facilitating a gift supporting *Beyond These Towers: The Campaign for WPI*. In a world beset by challenges, what we have created and what we do at WPI can be of immense value. Your vote of confidence in our vision, and in our innovators, educators, makers, and doers who exemplify that vision, means the world to us. We are so grateful.

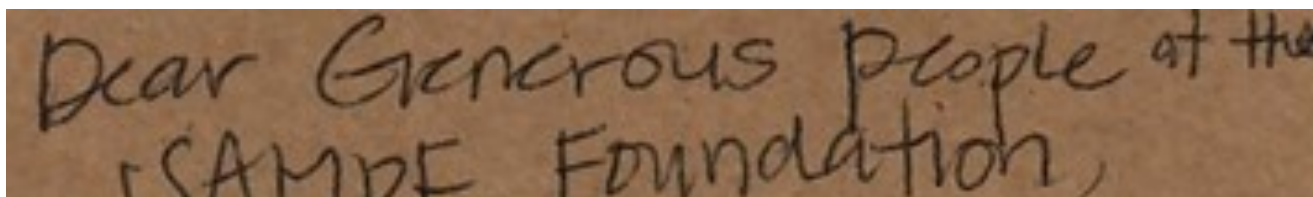
Beyond these towers is tomorrow's university and a brighter world. Thank you for being a part of it. We simply could not do it without you.

With gratitude,



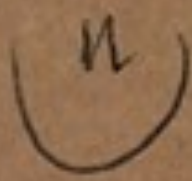
Donna K. Stock
Vice President for University Advancement

Teresa Hislop
Ogden Preparatory Middle School (Dahlgren Teacher of Excellence)



Dear Generous people at the
SAMPE Foundation,

Exciting! I have no idea
how you got my name but
I have no questions
about my appreciation.
Thank you very much for
the teaching award, the
beautiful books and the
check. What an honor it
is to be recognized by
your foundation. Thank
you and thank you
again.



Teresa
Hislop

SAMPE Foundation Video Project

A four-part series on Composites has recently been completed by the SAMPE Foundation. The program was funded by **Boston Materials**, **Airtech Advanced Materials Group**, **Solvay**, and **Krauss Maffei**. The Foundation produced the series at St Margaret's Episcopal School in San Juan Capistrano, CA, and it was presented by Brent Strong, Ph.D., an emeritus faculty member in the Fulton College of Engineering and Technology (Manufacturing) at Brigham Young University and a recognized expert in the field of composite material.

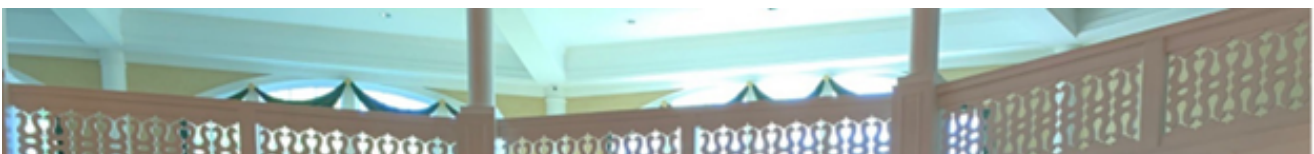
The entire four-part presentation is designed for 9-12 high school students and is available for viewing at no charge. A textbook written by Dr. Strong is also available upon request, free of charge. For further information, please contact THE SAMPE Foundation [directly](#).



- Part 1: [Making the World Better with Composites](#)
- Part 2: [Fibers and Resins: Special Materials for Composites](#)
- Part 3: [Composites Design: Forces and How to Withstand Them](#)
- Part 4: [Composites Manufacturing: Making Actual Composite Parts](#)

BOARD MEMBER PROFILE

George Schmitt
SAMPE Foundation Secretary (Retired Emeritus)





(L-R) (Back Row) Brian Rice, Craig Neslen,
(Middle Row) Karla Strong, Jerome Berg, Ben Dietsch, Tom Margraf
(Front Row) Josh Dustin, Robyn Bradford Vialva, Scott Huelkamp, Gail Hahn, **George Schmitt**, Jim Johnson, Don Klosterman, Doug Ward

In early May, the TCC (the Composites Consortium) allowed the above pictured SAMPE members to use their reception to present the SAMPE Foundation recognition award to George Schmidt. He was extremely appreciative of the recognition, the dinner, and a chance to talk with many of the Midwest Chapter members.

Letter presented to George Schmitt:

“The Board of Directors of the SAMPE Foundation voted unanimously to award him the title of Director Emeritus of the SAMPE Foundation. This title acknowledges his years of exceptional work on the Board and being one of the initial founding Board Members. The Foundation also recognizes him for his many years of outstanding work as Secretary of the Foundation’s Board.”

George Schmitt contributed a vast knowledge of composite materials to SAMPE, and as Director, International Programs at the US Air Force Research Laboratory, beginning in Sep 2005.

He’s a Lifetime member of SAMPE:

- Honorary [Senior Member](#)
- SAMPE [Fellow](#)
- International Past President: 1981-1982
- SAMPE North America Rep on the Global Board of Directors: 2013 - 2015
- Mort Kushner Lifetime Achievement Award: 2014

Well done, George and thank you for your work within the SAMPE Foundation. You will be missed.

MISSION STATEMENT

In 2006, the Society for the Advancement of Material and Process Engineering (SAMPE) established its philanthropic arm, the

In 2009, the Society for the Advancement of Material and Process Engineering (SAMPE) established its philanthropic arm, the [SAMPE Foundation](#). The foundation's mission is to instill an interest and passion for advanced material and process engineering in the next generation of leaders. In order to realize this vision, the foundation promotes education and innovation in the fields of materials and processes on a global basis, particularly at the kindergarten through the 12th-grade level. The foundation provides grants to stimulate an interest in and give access to the resources required for future technological growth in science, technology, engineering and math (STEM).

GET INVOLVED

You can help the SAMPE Foundation support STEM programs by donating [here](#). The Foundation is a 501.3c tax exempt organization. Help our mission for STEM Education.

Donate

Contact Us

SAMPE Foundation Program Administrator
13165 W. Baker Drive
Peoria, AZ 85383
foundation@sampe.org
P: (949) 433-1331

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