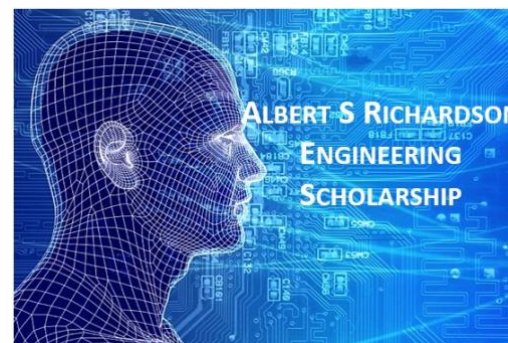




News Release

August 10, 2026

Engineering Scholarships offer next-gen students the opportunity to learn, innovate and lead.

Boston, MA Engineering scholarships drive future innovation by funding potential and reducing financial stress so students can focus on learning, creativity and fueling the research that turns bold ideas into real-world technology. In 2021, AR Products selected Jack Darnell of Canton, OH to receive the Albert S Richardson Engineering Scholarship, a 4-year renewing scholarship.

“It was Jack Darnell’s natural curiosity about things and a vision for his future that helped elevate him to the top of a very impressive pool of candidates,” remarked Sydney Ann Richardson, Scholarship Review Advisor and granddaughter of AL Richardson.

In June, Jack Darnell graduate summa cum laude with a B.S. in chemical engineering along with a biotechnology specialization certificate, a co-op certificate, and a chemistry minor. He recently joined PPG Industries operations leadership rotational program; a 5-year program across all plant operations. PPG's global team of innovators drives sustainable solutions that enhance productivity in the manufacture of paints, coatings and specialty products.

While studying Chemical Engineering at the University of Akron, Mr. Darnell demonstrated a unique blend of technical insight and leadership. As leader of The University’s Chem-E-Car Design team, Jack Darnell and his *pit-crews* recently competed in the American Institute of Chemical Engineer’s (AIChE) North Central Region’s Conference. The Chem-E-Car competition challenges students to design and construct small, chemically powered vehicles that must travel a precise distance using controlled reactions.

Darnell and the Chem-E-Car Design team earned top honors and were recognized for strong technical execution and innovative design. Pit-crew team included Monterey Chambliss, Kari Kurko, Jusae Easter, Daniel Joaquin, Benjamin Messemer, Isaac Lamore, Matt Wolfe, Joseph Joaquin, Asher Moore and Darnell. The UAkron team bested 19 other teams from engineering schools across the Midwest.

The team’s pressure-powered car was driven by a pneumatic motor powered by carbon dioxide generated through a reaction between citric acid and potassium bicarbonate. The battery-powered car used a lead-acid battery. It incorporated an iodine clock reaction as a stopping mechanism, enabling precise control of travel distance. The pressure-powered car stopped within 0.4 meters of the target distance.

A second University of Akron crew of Kat Kunz, Michael Kurko, Isbeth Mendoza, Mackenzie McAvoy, Breck Mooney, Cody Robinson and Darnell competed in ChemE Jeopardy, a competition designed to test participants knowledge across core areas of chemical engineering.

Knowledge, insight, application, testing, and performance are hallmarks of engineering accomplishment.

In 2020, AR Products established the Albert S Richardson Engineering Scholarship to honor and continue the life work of its founder, Canton Ohio native Albert S Richardson, Jr. Jack Darnell was the 2021 recipient of the scholarship.

Darnell's essay focused on the passion that drives invention. "All of mankind's greatest discoveries and achievements were made by passionate, enthusiastic people who had the desire to pursue their dreams," Darnell wrote.

"We hope by awarding this scholarship to Jack Darnell, his contributions in engineering will make a positive impact in the world and continue the legacy of Albert Richardson, my lifelong friend and fellow MIT-educated, aeronautical engineer," commented Guido Frassinelli, Scholarship Review Advisor.

"Engineering is a structured scientific method designed to validate a hypothesis in order to solve technical problems," chief operations officer Elaine Richardson observed. "Jack Darnell is proof of the hypothesis that Canton OH is still educating future engineers with the power to change the world," she added.

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About the Engineering Scholarship.

This scholarship honors the late Albert S Richardson, Jr, a trailblazer in galloping and vibration control, and his father Albert S Richardson, both of Canton, OH. Albert S Richardson, Jr, known as AL, graduated from McKinley High School in 1942. Supported by the Navy V-12 program, AL earned B.S and M.S. degrees in aeronautical and electrical engineering from MIT. The Albert S Richardson Engineer Scholarship is a one-year, renewable \$5000 annual award to one Canton area graduating senior who enrolls in an accredited undergraduate engineering program. Information about the scholarship can be found in the About Us section of the company website at arproducts.org/About Us.

About AR Products, LLC.

AR Products, LLC is a technology, small business in Lexington, MA specializing in engineered, galloping control solutions for high-voltage transmission and distribution lines and the transmission systems connecting wind farms to the power grid. By analyzing sections of at-risk electric transmission systems and recommending the appropriate product and application for the environment, AR Products supports the needs of project engineers and consulting engineers developing viable solutions to a galloping problem. Grounded in fundamental, scientific and engineering principles, AR Products technology provides cost-effective, galloping control that is Intent on asset protection.