



Scholarship Newsletter

“INTELLIGENCE PLUS CHARACTER-THAT IS THE GOAL OF TRUE EDUCATION.”
— MARTIN LUTHER KING JR.

“LIVE AS IF YOU WERE TO DIE TOMORROW. LEARN AS IF YOU WERE TO LIVE FOREVER.”
— MAHATMA GANDHI

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This Special Edition of the newsletter has an emphasis on how we support the local community via the scholarship program.

The Fox Valley Section awards two scholarships. They are the Richard A. Maass Memorial Scholarship for local high schools and the ASQ Section Scholarship for children and grandchildren of our active members. The scholarship is a one-time award of \$2000 that goes directly to the college.

The recipients must be college-bound graduating high school seniors. They are asked to prepare a package that includes a 700-word essay on “The importance of quality products and/or services to the future of our country.” Other documentation is needed such as volunteer hours and a recommendation letter from a reference.

The Scholarship time period is from October—March and the final recipients are named during the May meeting. Please see the website for full information: <https://asq-foxvalley.org/Scholarship>.



Letter from the Scholarship Chair

By Renée Webb

May 2023

Hello colleagues!

On May 3 we gave scholarships to two deserving and outstanding students, Ethan Yost and Anastasia Galinski. Ethan received our primary scholarship that honors Richard A, Maass, one of our section's founding members and a leader in quality. Anastasia received the ASQ Section Scholarship that is open to children and grandchildren of our active members. Ethan and Anastasia's background and essays are showcased in this edition.

On behalf of the Scholarship Committee, I wish Ethan and Anastasia a successful college experience and believe they will be strong advocates for quality in their chosen fields.

Best Regards,

Renée Webb

Fox Valley ASQ Section 1208 Scholarship Chair



Ethan Yost

Ricard A. Maass Memorial Scholarship Recipient

2022-2023



Ethan Yost is a senior at Kaneland High School and will be attending St Louis University. Ethan is majoring in Pediatric Oncology and plans to learn Spanish in order to work bilingually with the children. Ethan presented the Scholarship Committee with an application that included scholastic activities such as being a member of the National Honor Society and Marching Band. His volunteer hours include helping at the Rochelle Community Hospital, Meals on Wheels and Toys for Tots. Ethan is an All State Gymnast and competes for Kaneland and a local gym. Ethan was named “Mr. Kaneland” for raising the most money for charity in the school’s history and preformed daring tumbling skills on stage during the program. Ethan’s reference says, “his work ethic is contagious, his creativity is brilliant, and his character and ingenuity is some of the best she’s ever seen in a high school student.”



Ethan Yost

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Richard A. Maass Memorial Scholarship

Importance of Quality Products/Services to the Future of the U.S.

In today's globalized world, the importance of quality products and services has become increasingly significant. The quality of goods and services is a critical factor that determines the success of any business or organization. High-quality products and services are essential for customer satisfaction, which is the foundation of any business, and therefore, the importance of quality products and services cannot be overemphasized in the future of our country.

Primarily, the quality of products and services determines customer satisfaction. In any business or organization, customer satisfaction will be the key to success, as customers will not continue to patronize a business or service that fails to meet their expectations. Therefore, businesses that offer high-quality products and services tend to attract more customers and retain their existing ones. This leads to customer loyalty, which is crucial for the growth and sustainability of any business. Similarly, quality products and services contribute to the development of brand reputation, which creates the personality and image of a business or organization that sets it apart from its competitors. Businesses that consistently offer high-quality products and services tend to develop a positive brand reputation, thus attracting more customers and creating a sense of credibility. In the long run, customer loyalty and a strong reputation lead to increased revenue and profitability for businesses, which in turn contributes to the growth of the economy.



In addition, quality products and services lead to the development of a skilled workforce. In any industry, quality products and services require skilled labor, and businesses that are committed to offering high-quality products and services often invest in the training and development of their workforce. This increases skilled labor that can contribute to the growth and development of the economy. Skilled workers are almost always productive, innovative, and efficient, which are all necessities for the success of any business or organization.

Not only do quality products and services help with establishing strong businesses and workforces, but they promote innovation and technological advancement. Committed and loyal businesses will develop new and innovative products and services that meet the ever-changing needs of customers, just like how they simultaneously invest in research and development that is at the forefront of technological advancement. This dedication to developing products and services by developing what goes into their production gives businesses a competitive advantage, also contributing to a dynamic economy. Concerning the economy, quality products and services are essential because they contribute greatly to internal improvement. In any country, the growth of the economy is highly important for the well-being of its citizens. Quality products and services give growth to the economy by creating jobs, increasing revenue and profitability, promoting innovation and technological advancement, and attracting foreign investment. The growth of the economy leads to an improvement in the standard of living of its citizens, which is the ultimate goal of any government or society.

Overall, quality products and services are essential to the future of our country. They contribute to customer satisfaction, brand reputation, a skilled workforce, innovation and technological advancement, and economic growth. Businesses and organizations that are committed to offering high-quality products and services are immensely important for the





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success of our country. As a society, we must continue to promote and support businesses and organizations that are dedicated to quality to ensure the future growth and prosperity of the land we call home.





Anastasia Galinski
ASQ Fox Valley Section
Scholarship
2022-2023

Anastasia Galinski is a senior at Hinsdale South High School and plans to major in Economics at Northwestern University. Anastasia is the daughter of active member, Elena Galinski. Anastasia's application included many scholastic activities including Mock Trial, Math Team, several different National Honor Societies, Robotics Team, Softball and Volleyball. Her volunteer activities include being the timer for the Hinsdale South Swim Team, Toy Express Children's Charity, Church Choir and tutoring for all AP classes. Anastasia had the opportunity to get exposed to quality in manufacturing by doing significance tests during an AP Stats class. Utilizing this knowledge, she identified a problem at school and was able to create a survey, design and implement a solution and develop a control process thus saving money and reducing waste at school. She is the first scholarship recipient to demonstrate such advanced quality techniques with real world results. Anastasia's references describes her as, "knowing from the first meeting she would make a mark on Hinsdale South HS and the world. Anastasia is goal oriented, motivated and driven and her level of engagement in the curriculum is the highest she has encountered in her 23-year career."



The Importance of Quality Products and / or Services to the Future of Our Country:

In 2019, 93% of United States households had access to at least one automobile. Many Americans drive to work, run errands, and visit friends and family. Given the important role automobiles play in the United States, the automotive industry contributed \$1.53 trillion, or 3%, to the GDP in 2021 and made up about 15% of manufacturing. Beyond this direct economic impact, the automotive industry also has an indirect impact on the economy via the multiplier effect. Economists estimate that each job for a domestic automobile manufacturer creates eleven jobs in other industries across the nation. Automobile purchases can constitute a high percentage of owners' incomes, so vehicle quality is important to owners. The effects of failures and defects can range from the inconvenience and cost of repairs to contributing or causing accidents that result in injuries or death. As vehicles are used for an average of eight years, reliability is also an important consideration when purchasing a vehicle, giving manufacturers with good reliability a competitive advantage. Quality systems are critical for automotive manufacturers and their suppliers to make high quality automobiles that meet or exceed customer expectations for initial quality and reliability.

The design and assembly of vehicles is complicated. It requires thousands of parts to be put together into one functioning unit. Quality needs to be taken into consideration in the design, manufacture, and assembly of the vehicle systems, because they must consistently perform over the warranty period and beyond. Automotive components must also function for the full range of expected temperature and humidity extremes, from Alaska in winter to Florida in summer. Poor quality or excessive variation in an automotive component can lead to malfunctions or premature failure. If the defective component is common across multiple vehicle lines, it can lead to extensive and expensive recalls with long-term negative impact to company brand image.



The automotive industry is shifting away from internal combustion engine (ICE) vehicles toward electric vehicles (EVs). This shift away from ICE vehicles is risky for large, established Original Equipment Manufacturers (OEMs). While they have traditionally dominated the ICE market, electrified vehicles utilize technology that is new for the established OEMs. This has enabled new OEMs like Tesla and Rivian to emerge in an industry that has historically been an oligopoly. Tesla is headquartered in Austin, Texas, while Rivian is headquartered in Irvine, California. Without quality systems to ensure that their EVs meet customer quality expectations, these new US-based OEMs could squander their first mover advantage into the EV space by not providing the same quality levels customers have come to expect from the established OEMs in the internal combustion engine market. Therefore, quality is an important differentiator in the new EV market.

It is crucial for our country and the future of our manufacturing for established and new domestic OEMs to succeed in this new and growing segment of the US and global marketplace. A key component of the automotive industry's contribution to GDP was automotive exports, which averaged approximately \$8.5 billion per year from 1989 to 2022. By investing in quality systems for EVs, domestic OEMs can not only protect current GDP, but can also provide an even greater contribution to GDP and export excellence to the world, helping power US economic growth for years to come. In addition, good quality in electric vehicles can accelerate consumer adoption of EVs to help this critical transition away from fossil fuel based transportation to reduce greenhouse gas generation and reduce global warming.



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2023 Meeting Dates and Locations

Date	Location	Speaker	Topic
* <u>THURSDAY</u> , September 7, 2023	Webinar	Tiza Pyle	Leadership Development – Navigating Change
Tuesday, October 3, 2023	Location - TBD (In-Person)	Michael Vella	TBD
* <u>THURSDAY</u> No- vember 2, 2023	TBD	TBD	TBD
Tuesday, December 5, 2023	TBD	TBD	TBD

Note: These meetings are on a THURSDAY.

Note: Labor Day is Monday, September 4, 2023.

As meetings become open, please register at
<https://asq-foxvalley.org/meetinginfo.php>