



Dayton ASQ Section 0909 George Thielen Memorial Scholarship Application

Scholarship Purpose

This scholarship honors the memory of George Thielen and his contributions to quality in the Dayton region. It is for undergraduate study of the theory and application of quality control, quality assurance, quality improvement, and total quality management. It covers the engineering, statistical, managerial, and behavioral foundations of those fields.

Application Process

Applicants will be selected from among undergraduate students in the ASQ Dayton Section geographic area.

Applicants must send the application along with the required documentation to their listed school representative **by 12pm (noon) ET on Friday, March 31, 2017.**

Application attachments required:

- Transcript showing courses, titles, and grades with current cumulative GPA and total credit hours noted in the application form
- Two letters of reference
- Two required essays, as described in the application

Dayton ASQ Campus Contacts

Sinclair Community College: Contact Lynn Seery

Quality Engineering Technology Dept.
Lynn.seery@sinclair.edu
Phone #: 937-546-5511

Wright State University: Contact Lynn Seery

Lynn.seery@sinclair.edu
Phone #: 937-546-5511

University of Dayton: Contact Chuck Edmonson

Engineering Technology Dept.
Cedmonson1@udayton.edu
Phone #: 937-229-2853

Central State University: Contact Abayomi Ajayi-Majebi

Manufacturing Engineering Dept.
ajayi-majebi@centralstate.edu
Phone #: 937-376-6181

Applicants are not required to be an ASQ student member.



Dayton ASQ George Thielen Memorial Scholarship Award Application

Applicant Name: _____

Applicant Email: _____

Applicant Phone #: _____ Accept Texts? (circle) Yes No

Applicant Mailing Address: _____

- School: The University of Dayton _____
- Sinclair Community College _____
- Wright State University _____
- Central State University _____
- Other (Provide Name) _____

Degree Program and Major(s): _____

Expected Graduation Date (Month/Year): _____

Leave this section blank – to be completed by the Section Scholarships Chair

Application Number: _____ [to be used for anonymity in the judging process]

All Required Documentation submitted by Applicant? _____

Applicant Meets Minimum Eligibility for Consideration? _____

I. Scholastic Achievements

- a. Transcript - Attach transcript showing courses, titles and grades with current cumulative GPA and total credit hours noted below.

Total Credit Hours Completed _____ Cumulative GPA _____

- b. List Honors, Awards, and Honorary Societies

II. Please list the quality-related courses, seminars or workshops you have completed.

III. Employment Record or Resume: List employment for past three years, emphasizing employment related to quality. If you have not held employment, be sure to emphasize educational experience (#2 above) as it relates to quality.

Leave this section blank – to be completed by the Section Scholarships Chair
Application Number: _____ [to be used for anonymity in the judging process]

IV. Extracurricular Activities:

V. Biographical sketch – provide a brief applicant background:

VI. Essays – attach 2 typed essays as described below. Both essays should show clear links between quality concepts and your past, present, and future work experiences and must be in your own words.

- a. Essay 1: An essay entitled "**How Quality Relates and Applies to My Chosen Career Field**" in 300-400 words
- b. Essay 2: An essay entitled "**How I Plan to Apply Quality Concepts in the Future**" in 300-400 words

Leave this section blank – to be completed by the Section Scholarships Chair

Application Number: _____ [to be used for anonymity in the judging process]

VII. Attach 2 letters of reference

The information as presented on this application is correct and accurate to the best of my knowledge.

Signed: _____ Date: _____

Non-Discrimination Statement:

It is the policy and practice of The George Thielen Memorial Scholarship and Dayton ASQ to treat all candidates for scholarships with dignity and respect and to provide equal opportunity to all persons without regard to color, race, religion, sex, national origin, age, disability, marital status, sexual orientation, military status, or any other category protected by law. In addition, Dayton ASQ prohibits retaliation against any individual who reports discrimination or who participates in any investigation of such reports. This policy covers all scholarship award actions, including distribution of applications, selection process and continuance of scholarship funding.

Dayton ASQ will make reasonable accommodations for qualified individuals with known disabilities, unless doing so would result in an undue hardship or, where doing so would cause a direct threat to the health or safety of the individual or others. This policy governs all aspects of the scholarship award process, including distribution of applications, selection process and continuance of scholarship funding. All information provided regarding any impairment will be handled confidentially to the extent allowable by law.

Candidates for scholarships with questions or concerns about any type of discrimination in the scholarship award process are encouraged to bring these issues to the attention of the Dayton ASQ Section Chair immediately so any such questions or concerns may be addressed promptly.

George Thielen Biography



Mr. George J. Thielen was associated with Modern Technologies Corp., Dayton, Ohio for six years prior to being employed as a Principal Consultant in the Performance Enhancement Services group. In this capacity, he also maintained MTC's corporate quality management system and its certification to the international standard ISO 9001:2000. After 36 years of Federal Service, he retired in 1997 from his position as Director of Engineering, Acquisition Policy, Aeronautical Systems Center, at Wright Patterson Air Force Base.

Mr. Thielen was born in Chicago, Illinois, 9 July 1938 and graduated from St. Ignatius High School there. He received his Bachelor of Science degree in mechanical engineering from Illinois Institute of Technology in 1961, did his graduate work in engineering-management at Drexel University in Philadelphia from 1962 to 1965, and graduated from the Industrial College of the Armed Forces, Resident Course in National Security Management, Washington DC, in 1978. He began his Air Force career by serving for three years as an engineering officer working on the Atlas F and Titan II Intercontinental Ballistic Missile programs.

As an Air Force civilian, he held various project engineering and engineering-management positions at the Philadelphia facilities of the General Electric Company supporting the development and production of the Mark 6 re-entry system for Titan II, the Mark 12 MIRV re-entry system for Minuteman II, advanced reentry systems, and classified space programs. In 1970, he was named chief of the Quality Assurance Division, Air Force Plant Representative Office, General Electric Company, Valley Forge, Pennsylvania. He served for six years as head of that in-plant quality function with cognizance over major missile and space system contracts with the Air Force and NASA.

He came to Wright-Patterson in 1978 to head a newly established "corporate" quality office for Aeronautical Systems Division (ASD) that focused on making product quality and quality improvement active considerations in the acquisition process. In 1985, he was promoted to the senior systems engineering position responsible for engineering support of all ASD programs in the disciplines of reliability, maintainability, quality, producibility and value engineering. In 1990, he was named as technical director for manufacturing and quality in a newly formed integrated Engineering and Technical Management organization. In 1993, he returned to systems engineering to lead the manufacturing and quality engineering group directly responsible for the technical content of the Manufacturing Development Initiative (MDT), a pioneering effort in setting Air Force expectations for simultaneous development of products and processes, and the aerospace industry's adoption of advanced quality systems. In June 1994, he was assigned to his final position as the senior engineer in the Directorate of Acquisition Policy, ASCI AZ. In this capacity, he integrated the Center's efforts for implementation of the technical aspects of acquisition reform.

Mr. Thielen was a member of the Quality 77 study team, a steering group member for the Quality Horizons study, and an R&M panel member in the Project Forecast II study. He chaired the multi-service working group that defined the DoD approach to eliminating fixed defect levels from military specifications, for which he received the 1989 Defense Standardization Program Outstanding Performance Award. He received the Air Force Exceptional Civilian Service Medal in 1993 for his work on the Manufacturing Development Initiative. He is listed in both the 1973 and 1983 versions of Who's Who in Aviation. Mr. Thielen was a member of the American Society of Mechanical Engineers, a senior member of the American Institute of Aeronautics and Astronautics, and the American Society for Quality (ASQ). He was an ASQ certified quality engineer since 1972, and is a past chairman of the ASQ Dayton Section.

From 1991 to 1996, Mr. Thielen chaired the Users Accreditation Advisory Panel for the National Aerospace and Defense Contractors' Accreditation Program (NADCAP), a technical program affiliated with the Society of Automotive Engineers that accredits suppliers to consensus industry standards in non-destructive testing, heat treating, materials testing, airline parts distributors, chemical processing, welding, sealants, coatings, and general quality systems. He served as Secretary for Quality Dayton, a local network of industry, government and academic leaders formed to promote understanding and application of quality technologies and management principles throughout the local community.

Mr. Thielen passed away on December 22, 2010. He is survived by his wife, Anne (DeLizzio) Thielen, son George (Clare), daughter Annette Tyra (Michael), son Gregory, granddaughters Natalie, Rachel, and Sarah, sister Lois Wallace, brother Leonard (Phyllis), and numerous relatives.

Last updated: November 2016