

AWS Foundation National Scholarship Application

Valid for the 2012-2013 Academic Year



Foundation, Inc.

Building Welding's Future through Education

AWS Foundation, Inc.
550 N. W. LeJeune Road
Miami, FL 33126

Deadline to apply – February 15, 2012

Howard E. and Wilma J. Adkins Memorial Scholarship

Introduction

This fund was established in 1994, in memory of Mr. Howard E. Adkins, by family and friends.

Mr. Adkins joined the American Welding Society in 1950, and was active both locally and nationally. Mr. Adkins served as Director-at-Large for the American Welding Society in 1970-73 and in 1976-79. He served as Chairman of the Madison-Beloit Section, was on the Board of Directors of the Chicago Section, and was Vice Chairman of the Aluminum Association Committee on Welding & Joining. Mr. Adkins also served on the subcommittees on Aluminum Filler Metals, Arc Welding and Cutting, Welding Aluminum Piping, and served on the Manufacturers Committee.

Mr. Adkins was instrumental in the creation of the Instructor Membership Award, which is named in his honor. He was a recipient of both District and National Meritorious Certificate Awards, the Lincoln Gold Medal Award, and the Kaiser Aluminum Technical Services Engineering Award of Merit.

Mr. Adkins received his Masters degree in Education from the University of Wisconsin. He taught for eight years in Kentucky public schools, five years in the Air Force Training Command, and ten years in the University of Wisconsin-Mechanical Engineering Department. Mr. Adkins also worked for Kaiser Aluminum & Chemical Sales, Inc.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding engineering.

Eligibility

The Howard E. and Wilma J. Adkins Memorial Scholarship will be awarded to a full-time college junior or senior level student pursuing a minimum four-year bachelors degree in welding engineering (WE) or welding engineering technology (WET); however, priority will be given to welding engineering (WE) students. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Financial need is not required to qualify.
Applicant must have a minimum high school diploma.	Applicant must submit all required application information.
Applicant must have completed enough academic credits to qualify for college junior level status.	Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
Applicant must be a full-time student as defined by the academic institution.	Priority will be given to those individuals residing or attending school in the states of Wisconsin or Kentucky. (A resident is defined as having lived in the specified area for a minimum of one year.)
Applicant must have maintained a minimum 3.2 grade point average in the engineering, scientific and technical subjects, and 2.8 grade point average overall.	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of two years.

Deadline to apply – February 15, 2012

Airgas-Jerry Baker Scholarship

Introduction

Airgas, Inc. (NYSE: ARG) is the largest U. S. distributor of industrial, medical and specialty gases, welding, safety and products. Its integrated network of nearly 800 locations includes branches, retail stores, gas fill plants, specialty gas labs, production facilities and distribution centers. Airgas also distributes its products and services through eBusiness, catalog and telesales channels. Its national scale and strong local presence offer a competitive edge to its diversified customer base. For more information, please visit www.airgas.com.

Jerry Baker, who sold the Southern Welding Supply Company to Airgas in 1986, continues to work for Airgas Mid America, one of Airgas' twelve regional companies, as Director of Corporate Development, working out of its Bowling Green, Kentucky branch. A graduate of Bowling Green Business University with a bachelor's degree in accounting, Jerry began his career in industrial gas and welding supplies in 1954 working for the family business, Southern Welding Supply, and became its sole owner in 1972. After selling to Airgas in 1986, Jerry continued to serve as President of Kentucky Airgas, one of the original hub companies formed by Airgas, until 1995, when the hubs were combined to create the current regional company structure. Jerry continues to show a great passion for the distribution business and has earned the respect of colleagues and customers. Through this scholarship, we hope to encourage others to get the education they need to have a successful career with an industrial gas or welding equipment distributor.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding engineering.

Eligibility

The Airgas – Jerry Baker Scholarship will be awarded to a college undergraduate student pursuing a minimum four-year bachelors degree in welding engineering (WE) or welding engineering technology (WET); however, priority will be given to welding engineering (WE) students interested in pursuing a career with an industrial gas or welding equipment distributor. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Priority will be given to those individuals who demonstrate an interest in pursuing a career with an industrial gas or welding equipment distributor by prior work experience, clubs, organizations, or extra-curricular activities.
Applicant must have a minimum high school diploma.	Applicant must be a citizen of the United States or Canada and plan to attend an academic institution located within the United States or Canada.
Applicant must be a full-time student as defined by the academic institution.	Applicant must submit all required application information.
Applicant must have at least a 2.8 grade point average overall, with a 3.0 grade point average in engineering courses.	Priority will be given to those individuals residing or attending school in the states of Alabama, Georgia, or Florida. (A resident is defined as having lived in the specified area for a minimum of one year.)
Financial need is not required; however, priority will be given to those individuals demonstrating a financial need.	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.

Essay – 300-500 words – “Why I want to Pursue a Career with an Industrial Gas or Welding Equipment Distributor.”

Deadline to apply – February 15, 2012

Airgas – Terry Jarvis Memorial Scholarship

Introduction

Airgas, Inc. (NYSE: ARG) is the largest U. S. distributor of industrial, medical and specialty gases, welding, safety and products. Its integrated network of nearly 800 locations includes branches, retail stores, gas fill plants, specialty gas labs, production facilities and distribution centers. Airgas also distributes its products and services through eBusiness, catalog and telesales channels. Its national scale and strong local presence offer a competitive edge to its diversified customer base. For more information, please visit www.airgas.com.

Terry Jarvis was an employee in the Birmingham, Alabama area, who helped to make Airgas what it is today. Terry worked for Airgas South, one of Airgas' twelve regional companies, for 11 years. He started with Airgas as a truck driver and through a series of promotions became the Assistant Branch Manager in the Pelham, Alabama store. Terry, who died in 1999 at the age of 39, was a well-respected, well-liked associate who was dedicated to Airgas, and this scholarship is named in his memory. Through this scholarship, we hope to encourage others to get the education they need to have a successful career with an industrial gas or welding equipment distributor.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding engineering.

Eligibility

The Airgas - Terry Jarvis Memorial Scholarship will be awarded to a college undergraduate student pursuing a minimum four-year bachelors degree in welding engineering (WE) or welding engineering technology (WET); however, priority will be given to welding engineering (WE) students interested in pursuing a career with an industrial gas or welding equipment distributor. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Priority will be given to those individuals who demonstrate an interest in pursuing a career with an industrial gas or welding equipment distributor by prior work experience, clubs, organizations, or extra-curricular activities.
Applicant must have a minimum high school diploma.	Applicant must be a citizen of the United States or Canada and plan to attend an academic institution located within the United States or Canada.
Applicant must be a full-time student as defined by the academic institution.	Applicant must submit all required application information.
Applicant must have at least a 2.8 grade point average overall, with a 3.0 grade point average in engineering courses.	Priority will be given to those individuals residing or attending school in the states of Alabama, Georgia, or Florida. (A resident is defined as having lived in the specified area for a minimum of one year.)
Financial need is not required; however, priority will be given to those individuals demonstrating a financial need.	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.

Essay - 300 - 500 words - "Why I Want to Pursue a Career with an Industrial Gas or Welding Equipment Distributor."

Deadline to apply – February 15, 2012

Arsham Amirikian Engineering Scholarship

Introduction

This memorial scholarship honors Dr. Arsham Amirikian for his engineering achievements that span five decades and are recognized around the World.

Dr. Arsham Amirikian was one of the world's most innovative civil engineers of his time. His imagination, interest in and devotion to creativity in the art of welding and its application to novel construction techniques, that gave exceptional properties to ordinary materials such as concrete and steel, won him international fame as an author, teacher, inventor, and pioneer. Dr. Amirikian was born in Armenia where he obtained his early education. After graduating from a liberal arts college and an engineering school in Europe, he continued his studies in the United States and received the degree of Civil Engineer from Cornell University in 1923. He received the degree of Doctor of Technical Sciences from the Technical Institute of Vienna, Austria, in 1960.

Dr. Amirikian began his career working in steel fabricating shops. In 1928, he entered the Government service, as an assistant structural engineer in the Bureau of Yards and Docks of the Department of the Navy in Washington, D. C. He remained with the Bureau where he advanced through the grades to Chief Designing Engineer and Special Structures Consultant. In 1971, Dr. Amirikian founded the Amirikian Engineering Company where he continued with the development and application(s) of his engineering design techniques and inventions for the United States Government and other foreign countries.

A long time proponent for all-welded construction, Dr. Amirikian pioneered in numerous applications, including industrial buildings, hangers, towers, storage facilities, floating dry-docks, and gate caissons. At the time of their construction, many of these projects represented the first and largest examples of all-welded construction.

He devoted his entire career to constant development of improved methods of structural analysis, framing arrangements of increased efficiency, and construction techniques and procedures of greater economy covering a wide variety of shore facilities and certain types of floating craft. Many of his naval structures such as the Ami Lift Dock and the Ami Pontoon were unique creations that were used during the Vietnamese War and received international attention.

Purpose

The purpose for this scholarship is to provide financial assistance to an engineering student pursuing a career in the application of the art of welding in civil and structural engineering.

Eligibility

The Arsham Amirikian Welding Scholarship will be awarded to a college undergraduate student pursuing a minimum four-year bachelors degree in civil engineering or welding related degree at an accredited university. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
Applicant must have a minimum high school diploma.	Applicant must submit all required application information.
Applicant must have a minimum 3.0 grade point average overall.	Applicant must maintain a minimum 3.0 grade point average throughout the academic year in order to apply for continued assistance in successive years. The maximum time allowed for financial aid under this grant is four years.
Proof of financial need is required to qualify. FAFSA must be filed.	

Deadline to apply – February 15, 2012

Jack R. Barckhoff Welding Management Scholarship

Introduction

The Jack R. Barckhoff Welding Management Scholarship honors a person who has served the welding community and industry with great distinction. His career of distinguished organizational leadership has enhanced the image and impact of the welding industry.

Throughout his career he has been passionately committed to pursue the development and implementation of management tools to improve the productivity, quality, profitability and competitiveness of welding operations in companies across the United States. Many companies have successfully applied and implemented his philosophy, principles and concepts using the copyrighted Barckhoff Method of Total Welding Management.

Jack R. Barckhoff, P.E. founder and chief executive officer of Barckhoff Welding Management and a member of the 2004 Class of Counselors of the American Welding Society, is a management consultant whose career spans over forty-five years. He teaches a credit course at The Ohio State University, using his recently published book, “Total Welding Management” as the text. Mr. Barckhoff also writes articles, lectures and teaches ‘welding management’ at industrial forums. He established his company in 1976 to pursue his vision for welding management. Prior to that, he spent 20 years with The Lincoln Electric Company.

Mr. Barckhoff is a Life Member of AWS, a past chairman of his Local Section, an Associate Trustee of the AWS Foundation and received the AWS District Meritorious Award. He has provided two national Jack R. Barckhoff Welding Management Scholarships for the College of Welding Engineering at The Ohio State University and holds to the principles of “giving forward” to provide more scholarships while supporting his involvement within the welding community, and welding as an ‘engineered science.’

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding engineering while attending The Ohio State University.

Eligibility

The Jack R. Barckhoff Welding Management Scholarship will be awarded to a college junior pursuing a minimum four-year bachelors degree in welding engineering (WE) at The Ohio State University. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant must submit all required application information.
Applicant must have a minimum 2.5 grade point average overall.	Applicant must be a citizen of the United States of America
Applicant must be a junior currently enrolled in the welding engineering program at The Ohio State University.	Applicants not receiving the award are eligible to reapply
Applicant will be expected to enroll and complete the 2-hour credit course in Total Welding Management at The Ohio State University during his/her Senior Year.	Award recipients may reapply and are eligible to receive the award for a maximum of two years.

Essay

Applicant must complete a 300-500 word essay on how they see their role once they have graduated in improving the world of welding and the welding industry in the United States. And, how will they use their education to improve the U.S. competitive position in welding and manufacturing.

Deadline to apply – February 15, 2012

D. Fred and Marian L. Bovie National Scholarship

Introduction

Fred Bovie began his career as an application engineer in the Gas and Welding Unit at Airco. During his 27 years there, he held a variety of marketing and operating management positions and eventually served as Vice President and General Manager for Airco's arc equipment and filler metal business.

In 1980, Bovie joined Alloy Rods Corp., and served as President until its sale to the ESAB Group in Sweden. Bovie then served as president and chief executive of The ESAB Group, Inc., the company's North American subsidiary until his retirement.

In 2001, Fred Bovie was elected to the AWS Class of Counselors.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a degree in welding engineering at The Ohio State University. Applicants pursuing a degree in electrical engineering may be considered if there are no qualified applicants in welding engineering.

Eligibility

The D. Fred and Marian L. Bovie National Scholarship will be awarded to an undergraduate pursuing a minimum four-year bachelors degree in welding engineering (WE), or electrical engineering, if no qualified applications are received for welding, at The Ohio State University. All applicants must meet the following eligibility requirements.

Applicant must have a high school diploma.	Applicant must submit all required application information.
Applicant must have a minimum 3.0 grade point average overall.	Applicant must be a citizen of the United States of America and plan to attend The Ohio State University.
Applicant must be enrolled full time at The Ohio State University.	Award recipients may reapply and are eligible to receive the award for a maximum of four years.
Proof of financial need is not required.	

Edward J. Brady Memorial Scholarship

Introduction

Ed Brady entered the welding world at the height of the depression in 1933. Arc welding at that time used bare rod, resulting in poor arc control and porosity in the weld deposit. His early experience focused on developing electrode coatings extruded on rod to stabilize the arc, particularly in alloy and stainless steel electrodes.

By 1940, welding was rapidly moving from the maintenance shop to the production floor, replacing the slower bolting and riveting fabrication. The conversion was driven by the demand for war material in Europe and the US build up. Armor steel was difficult to weld without cracking, but Brady's coating formulations resolved the problem.

In 1940, Brady gathered financial backing from four businessmen in York, Pennsylvania. He purchased two used extrusion presses from a scrap dealer, and went into the electrode business as Alloy Rods Company. His competition was the heavily capitalized companies of Lincoln Electric, General Electric, Westinghouse, A. O. Smith, Harnischfeger, and Air Reduction. In spite of this formidable competition, however, Alloy Rods' ability to supply special alloy electrodes coupled with their high service level caused them to flourish.

Brady's active development of new filler metal products expanded his product line from stick electrodes into MIG and Flux cored wires, and distribution to numerous overseas licensee's and distributors. Alloy Rods is now part of ESAB Welding and Cutting Products, a division of the largest welding products producer in the world.

It is the objective of this scholarship to honor Mr. Edward J. Brady for his entrepreneurial spirit, knowledge, perseverance, vision, and respect for welding. His contributions came at a time when welding was "coming of age," and the improvements in quality and process control generated by him were vital to the acceptance of arc welding.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding engineering.

Eligibility

The Edward J. Brady Memorial Scholarship will be awarded to a college undergraduate student pursuing a minimum four-year bachelors degree in welding engineering (WE) or welding engineering technology (WET); however, priority will be given to welding engineering (WE) students. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Proof of financial need is required to qualify. FAFSA must be filed.
Applicant must have a minimum high school diploma.	Applicant must submit all required application information.
Applicant must have a minimum 2.5 grade point average overall.	Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
Applicant must provide a letter of reference indicating previous hands-on welding experience.	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.

Essay - 300 - 500 words - "Why I Want to Pursue a Career in Welding."

Deadline to apply – February 15, 2012

William A. and Ann M. Brothers Scholarship

Introduction

Bill, at the age of 20, took a basic course at The Lincoln Electric Company in Cleveland, Ohio from 1953 to 1954. In April of 1954, Bill began work at Canton Drop Forge Plant #1 as a welder in the extrusion department. He worked there until 1964. At that time, he took a sales job with Premier Industrial Corp. selling specialty-welding rods. In 1966, Bill started Buckeye Corporation in Canton, Ohio. The Company served as a distributor for NCG-Chemetron. In 1973, Bill purchased Mansfield Oxygen Corp. from Mr. and Mrs. E. O. Delp. Here he developed the company with bulk liquid deliveries and built an acetylene plant in 1982. In 1990, his wife, Ann, a retired RN with Aultman Hospital, joined the business handling all the regularity requirements required for the distributors. On August 1, 2001, Bill and Ann sold Buckeye Corporation and Mansfield Oxygen Corp. to Valley National Gases.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding.

Eligibility

The William A. and Ann M. Brothers Scholarship will be awarded to a full-time college undergraduate student pursuing a minimum four-year degree in a welding or welding related program at an accredited university. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant must submit all required application information.
Applicant must have a minimum high school diploma.	Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
Applicant must have a 2.5 grade point average overall.	Priority will be given to those individuals residing or attending school in the state of Ohio. (A resident is defined as having lived in the specified area for a minimum of one year.)
Applicant must be a full-time student as defined by the academic institution.	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.
Proof of financial need is required to qualify. FAFSA must be filed.	

Deadline to apply – February 15, 2012

Donald F. Hastings Scholarship

Introduction

The Donald F. Hastings Scholarship honors a person who has devoted more than fifty years to the welding industry.

His devotion to the American Welding Society is exemplified by his willingness to share of personal time, as well as the resources of The Lincoln Electric Company.

Mr. Hastings, Chairman Emeritus once stated, “Advanced welding education is vital to the very survival of this industry. This scholarship is an investment in welding engineering that will foster new metal joining technology. I am very proud to be associated with the renewed emphasis that the American Welding Society is placing on specific welding educational efforts.”

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding engineering.

Eligibility

The Donald F. Hastings Scholarship will be awarded to a college undergraduate student pursuing a minimum four-year bachelors degree in welding engineering (WE) or welding engineering technology (WET); however, priority will be given to welding engineering (WE) students. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant must submit all required application information.
Applicant must have a minimum high school diploma.	Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
Applicant must have a 2.5 grade point average overall.	Priority will be given to those individuals residing or attending school in the states of Ohio or California. (A resident is defined as having lived in the specified area for a minimum of one year.)
Proof of financial need is required to qualify. FAFSA must be filed.	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.

Deadline to apply – February 15, 2012

Donald and Shirley Hastings Scholarship

Introduction

The Donald and Shirley Hastings Scholarship is provided from personal contributions from the Hastings family to the AWS Foundation, Inc. to promote higher education in welding.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding engineering.

Eligibility

The Donald and Shirley Hastings Scholarship will be awarded to a college undergraduate student pursuing a minimum four-year bachelors degree in welding engineering (WE) or welding engineering technology (WET); however, priority will be given to welding engineering (WE) students. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant must submit all required application information.
Applicant must have a minimum high school diploma.	Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
Applicant must have a 2.5 grade point average overall.	Priority will be given to those individuals residing or attending school in the states of Iowa, Ohio or California. (A resident is defined as having lived in the specified area for a minimum of one year.)
Proof of financial need is required to qualify. FAFSA must be filed.	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.

William B. Howell Memorial Scholarship

Introduction

The William B. Howell Memorial Scholarship honors an individual who spent his entire professional career actively participating in and promoting the welding industry. Mr. Howell was a member of the American Welding Society for fifty years.

William B. Howell retired from Hobart Brothers Company as Executive Vice President after 44 years of service. He also served as a member of the Board of Directors of Hobart Brothers Company and the Hobart Institute of Welding Technology. Mr. Howell was a graduate of The Ohio State University and was active in a broad range of community-related activities.

William B. Howell would be very pleased to support the American Welding Society's education initiative through his scholarship. Mr. Howell believed in helping people who were willing to help themselves.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding.

Eligibility

The William B. Howell Memorial Scholarship will be awarded to a full-time college undergraduate student pursuing a minimum four-year degree in a welding related program at an accredited university. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant must submit all required application information.
Applicant must have a minimum high school diploma.	Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
Applicant must have a 2.5 grade point average overall.	Priority will be given to those individuals residing or attending school in the states of Florida, Michigan, or Ohio. (A resident is defined as having lived in the specified area for a minimum of one year.)
Applicant must be a full-time student as defined by the academic institution.	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.
Proof of financial need is required to qualify. FAFSA must be filed.	

Deadline to apply – February 15, 2012

John C. Lincoln Memorial Scholarship

Introduction

John C. Lincoln founded The Lincoln Electric Company in 1895. His moral character, thirst for knowledge and desire for manufacturing excellence make him an outstanding example for young people entering the field of arc welding.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding engineering.

Eligibility

The John C. Lincoln Memorial Scholarship will be awarded to a college undergraduate student pursuing a minimum four-year bachelors degree in welding engineering (WE) or welding engineering technology (WET); however, priority will be given to welding engineering (WE) students. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant must submit all required application information.
Applicant must have a minimum high school diploma.	Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
Applicant must have a minimum 2.5 grade point average overall.	Priority will be given to those individuals residing or attending school in the states of Ohio or Arizona. (A resident is defined as having lived in the specified area for a minimum of one year.)
Proof of financial need is required to qualify. FAFSA must be filed.	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.

Deadline to apply – February 15, 2012

Matsuo Bridge Company Ltd. of Japan Scholarship

Introduction

Matsuo Bridge Company, Ltd. of Japan is one of Japan's leading fabricators of steel for bridges, buildings and other structures. Established in 1925, the company operates steel fabrication plants in Sakai (Osaka), Chiba (Tokyo) and Shanghai, China. In addition to sales offices in every major city throughout Japan, the company has overseas representative offices in Houston, Texas and Hanoi, Vietnam and a subsidiary company, Hamilton Construction Company, in Springfield, Oregon. Listed on the Tokyo and Osaka stock exchanges, Matsuo Bridge boasts numerous signature projects throughout Japan, including the world's longest suspension bridge. The company has also completed projects in North and South America, Asia and the Middle East.

Dedicated to promoting international exchange, the Matsuo Bridge Company, Ltd. of Japan Scholarship was established to provide a unique opportunity for students enrolled in a civil or welding engineering curriculum in the United States to travel to Japan to study Japanese steel fabrication and construction. The goal of the scholarship is to foster goodwill and mutual understanding among members of the international steel industry.

Purpose

The purpose of this scholarship is to provide financial assistance to an individual interested in pursuing a career in civil engineering, welding engineering, or welding engineering technology.

Eligibility

The Matsuo Bridge Company, Ltd. of Japan Scholarship will be awarded to a college junior or senior, or a graduate student pursuing a degree in civil engineering, welding engineering, welding engineering technology, or related discipline. All applicants must meet the following eligibility requirements:

Applicant must be a minimum of eighteen years of age.	Applicant must submit all required application information.
Applicant must have a minimum high school diploma.	Preference to students from Oregon, California, Texas, and Washington
Applicant must have a minimum 3.0 grade point average overall.	Financial need is not required to qualify.
Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.	

Deadline to apply – February 15, 2012

Miller Electric Mfg. Co. Scholarship

Introduction

Miller Electric Mfg. Co. is a leading worldwide manufacturer of Miller brand arc welding equipment. Miller is dedicated to providing innovative business-building solutions and ideas, which are driven by the company's unique customer-intense focus. Miller products include power sources for MIG/flux cored, TIG, Stick, multiprocess, multioperator, submerged arc, robotic/automated and spot welding. Additional Miller brand products include gas- and diesel-engine driven welding generators, plasma cutters, wire feeders, MIG guns, induction heating systems, safety gear and passive and auto-darkening welding helmets. Companies and individuals in the manufacturing, fabrication, construction, aerospace, maintenance/repair, technical education, motorsports, farm/ranch and home-hobby markets depend on Miller equipment for their welding solutions.

Niels Miller founded Miller Electric Mfg. Co. in 1929 in Appleton, Wis., which remains the location of its worldwide headquarters. Miller employs more than 1,450 people and manufactures from nine different plants, totaling more than 1.2 million square feet of manufacturing space. Miller's Web site—www.MillerWelds.com—contains some of the welding industry's most in-depth information and resources for businesses and individuals.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a career in welding engineering technology, or welding engineering.

Eligibility

The Miller Electric Mfg. Co. Scholarship will be awarded to a full-time college undergraduate student who will be a senior in a four-year bachelors degree in welding engineering technology (WET) or welding engineering (WE); however, priority will be given to welding engineering technology (WET) students. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant must submit all required application information.
Applicant must be a current junior in a welding engineering technology (WET) or welding engineering (WE) program.	Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
Applicant must have a minimum 3.0 overall grade point average.	The award is one time only, and is non-renewable.
Applicant must be enrolled full-time (12 credits per semester minimum).	Priority will be given to the student who exhibits a strong interest in welding equipment and has prior work experience in the welding equipment field.
Financial need is not required to qualify.	Priority will be given to those individuals attending Ferris State University.

Deadline to apply – February 15, 2012

Past Presidents Scholarship

Introduction

The Past Presidents Scholarship was established by contributions from individuals who have served as AWS President, supplemented by contributions from the American Welding Society, in recognition of the years of dedication given by those who have served as President.

Purpose

The purpose of this scholarship is to provide financial assistance to those individuals interested in pursuing a bachelor's degree in welding engineering, welding engineering technology, or an engineering program with an emphasis on welding (bonding and joining included), or be a graduate student pursuing a Masters or Doctorate in engineering and/or management.

Eligibility

The Past Presidents Scholarship will be awarded to a college junior or senior pursuing a bachelors degree in welding engineering, welding engineering technology, or an engineering program with an emphasis on welding (bonding and joining included), or be a graduate student pursuing a Masters or Doctorate in engineering and/or management. All applicants must meet the following eligibility requirements:

Applicant must be a college junior, senior, or graduate level (Masters or Ph.D.)	One or more recommendation letters must come from Faculty (if a student), or from Employer (if employed.)
An undergraduate student must be pursuing a bachelors degree in welding engineering, welding engineering technology, or an engineering program with an emphasis on welding (includes bonding or joining.)	Applicant must submit a 300-500 word essay on his/her objectives/aspirations in the field of welding.
A graduate student, with a bachelors degree in welding engineering or welding engineering technology, must be pursuing a Masters or Doctorate in engineering and/or management.	Applicant must demonstrate financial need.
Applicant must have demonstrated leadership qualities, i.e., community involvement, AWS Section or other professional society participation, industry leadership, and be an AWS member.	The award will be presented to individuals nationwide.
One or more recommendation letters must come from community members, local AWS Section Officers, and/or AWS District Director, attesting to leadership capability.	

Deadline to apply – February 15, 2012

Robert L. Peaslee – Detroit Brazing and Soldering Division Scholarship

Introduction

This fund was established in 2004 by Robert L. Peaslee and the AWS Detroit Brazing and Soldering Division of the AWS Detroit Section.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals attending an accredited engineering college or university with an emphasis on Brazing or Soldering applications.

Eligibility

The Robert L. Peaslee – Detroit Brazing and Soldering Division Scholarship will be awarded to a student pursuing a minimum four year bachelors degree in welding engineering, welding engineering technology, or materials and joining science, with an emphasis brazing or soldering applications. The student may be an undergraduate or graduate student. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant may be a citizen of any country and plan to attend an academic institution located with the U. S. or Canada
Applicant must be at least a college junior or senior, or a graduate student.	Applicant must show an emphasis on Brazing or Soldering applications in their coursework.
Applicant must have maintained a minimum 3.0 grade point average in engineering courses.	Financial need is not required to qualify.
Applicant must submit all required application information.	Applicants may reapply; however, persons who have received this award may be granted the award for a maximum of two years.
Personal Statement must include at least one paragraph on your interest in brazing or soldering, any courses taken in related subjects, and any other information that would help the Selection Committee in selecting a recipient. Also, include a description of your impressions of any experience that you had involving soldering or brazing.	

Deadline to apply – February 15, 2012

Praxair International Scholarship

Introduction

Praxair, Inc. is the largest industrial gases company in North and South America, and one of the largest worldwide. With more than 23,000 employees in 45 countries worldwide, the company produces, sells and distributes atmospheric, process and specialty gases, and high-performance surface coatings. Praxair is also the world's largest supplier of carbon dioxide and a recognized leader in the commercialization of new technologies that bring productivity and environmental benefits to a diverse group of industries.

Praxair Distribution, Inc. is a member of the Praxair, Inc. family and has more than 4,000 employees in locations across the United States and Canada, serving more than 400,000 customers. Their products include industrial, medical and specialty gases, both in gaseous and liquid form, and related products and equipment.

Praxair's vision is to be the best performing industrial gases company in the world as determined by their customers, employees, shareholders, suppliers, and the communities in which they operate.

Praxair's values include: Customer Focus, Results Driven, Integrity, People Excellence, Safety and Environmental Awareness, and Increasing Shareholders Wealth. Praxair's behaviors include: Globalization, which includes Teamwork, Personal Accountability, and Optimize Praxair; Externally Driven; Urgency of Action; and Winning-Making Money.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals demonstrating his/her leadership abilities, and interested in pursuing a career in welding engineering or welding engineering technology.

Eligibility

The Praxair International Scholarship will be awarded to a full-time college student demonstrating leadership abilities and pursuing a minimum four-year bachelors degree in welding engineering (WE) or welding engineering technology (WET); however, priority will be given to welding engineering (WE) students. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant must submit all required application information.
Applicant must have a minimum high school diploma.	Applicant should have demonstrated leadership abilities through clubs, organizations, extra-curricular academic activities, community involvement, etc.
Applicant must have a 2.5 grade point average overall.	Applicant must be a citizen of the United States or Canada and plan to attend an academic institution located within the United States or Canada.
Applicant must be attending school full-time (minimum 12 credit hours.)	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.
Financial need is not required but would be a primary consideration when prioritizing top candidates.	

Deadline to apply – February 15, 2012

RWMA Scholarship

Introduction

This scholarship was established in 2005 by the Resistance Welder Manufacturers' Association to perpetuate its legacy of support for welding education.

The RWMA was a trade association founded in 1936 to promote the technical and economic advantages of the resistance welding process. For 70 years, the members of the RWMA volunteered their time and pooled their resources to ensure that every opportunity was afforded to those individuals who had an interest in the resistance welding process.

This scholarship was established upon the dissolution of the RWMA in 2005, to commemorate the efforts of all those who had worked throughout the years to provide opportunities for learning. The Resistance Welder Manufacturers' Association Scholarship continues, under the direction of the AWS Foundation, to support students of the resistance welding process. The hope is that the scholarship recipients will learn to appreciate the simple elegance and robustness of the process, so that they can carry the message forward to the next generation.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals who express an interest in the resistance welding process while pursuing a career in welding engineering.

Eligibility

This scholarship is available to U. S. and Canadian citizens who are students majoring in Welding Engineering or Welding Engineering Technology, and express an interest in the resistance welding process. These students must be in good academic standing and meet the following criteria.

Applicant must be a junior level student in a four-year program only.	Applicant must be a citizen of the United States or Canada, and be attending an accredited academic institution located within the U. S. or Canada.
Applicant must register and attend a course in resistance welding.	Applicant must supply an essay of 500 words or less about why the student wishes to become involved in the resistance welding industry.
Applicant must have a 3.0 grade point average overall.	Candidates must submit the letter of recommendation from a faculty member or an Academic advisor using the RWMA Scholarship Recommendation form.
Financial need is not required.	Candidates must submit a second letter of recommendation from another party, such as an employer, using the RWMA Scholarship Recommendation form.
Applicant must submit all required application information.	Candidates must submit a personal statement to include the following information: demonstrated timeliness and completion of assignments, creativity in solving problems, demonstrated responsibility on own initiative, ability to work well with others, organization skills (ability to handle multiple tasks, time management), participation in class, campus and outside organizations, participation in AWS Student and Section activities, and career objectives

Deadline to apply – February 15, 2012

James A. Turner, Jr. Memorial Scholarship

Introduction

In the spirit of entrepreneurship, James A. Turner, Jr. represented the classic American success story. As an ambitious young Charlottean in May of 1941, Mr. Turner started a small business out of the trunk of his car. More than 50 years later, the company was generating annual sales in excess of \$100 million and employed nearly 800 individuals at 60 sites in five states.

His company, National Welders Supply Company, was envisioned in the late 1930's while he worked as a traveling salesman for a manufacturing company. Upon his wife's insistence that he spend more time with the family, Turner formed National Welders Supply Company, which grew to be the largest independently owned industrial gas manufacture/welding supply distributor in the United States, with more than 35,000 customers.

Within a couple of years, Turner opened several welding schools to help meet the World War II demand for shipyard welders. In 1945 he built the first acetylene plant in the Carolinas. It was early progressive moves such as this that set the precedent that shaped the company style and spirit.

By way of establishing this scholarship, Mr. Turner shared his philosophy of forward thinking and new ventures. He said, "You have to take advantage of opportunities, and sometimes make your own opportunities." This was another innovative way Mr. Turner sought to identify ways of efficiently and effectively serving the industry.

Purpose

The purpose for this scholarship is to provide financial assistance to those individuals interested in pursuing a management career in welding store operations or a welding distributorship.

Eligibility

The James A. Turner, Jr. Memorial Scholarship will be awarded to a full-time college student pursuing a minimum four-year Bachelors of Business Degree that will lead to a management career in welding store operations or a welding distributorship. All applicants must meet the following eligibility requirements.

Applicant must be a minimum of eighteen years of age.	Applicant must submit all required application information.
Applicant must have a minimum high school diploma.	Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
Applicant must be a full-time student as defined by the academic institution.	Applicant must complete the form titled Confirmation of Employment
Applicant must be employed (at least 10 hours a week) at a welding distributorship at the time this application is submitted.	Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.
Financial need is not required to qualify.	

Deadline to apply – February 15, 2012

AWS Foundation National Scholarship Application

<input type="checkbox"/> Adkins	<input type="checkbox"/> Airgas-Baker	<input type="checkbox"/> Airgas-Jarvis	<input type="checkbox"/> Amirikian
<input type="checkbox"/> Barckhoff	<input type="checkbox"/> Bowie	<input type="checkbox"/> Brady	<input type="checkbox"/> Brothers
<input type="checkbox"/> Hastings, D	<input type="checkbox"/> Hastings, D/S	<input type="checkbox"/> Howell	<input type="checkbox"/> Lincoln
<input type="checkbox"/> Matsuo	<input type="checkbox"/> Miller Electric	<input type="checkbox"/> Past Presidents	<input type="checkbox"/> Peaslee
<input type="checkbox"/> Praxair	<input type="checkbox"/> RWMA	<input type="checkbox"/> Turner	

Deadline for Submission: February 15, 2012
(Print in dark ink or type)

AWS Foundation, Inc.
550 NW LeJeune Road
Miami, FL 33126

Student Identification Number _____ Date _____ Are you an AWS member? Yes _____ No _____

Applicant's Name _____ Email Address _____

Current Address _____
Number Street Apt. No.

City State Zip Cell Number () Home Phone ()

Are you a U. S. Citizen? Yes _____ No _____ If no, Country _____ Are you at least 18 years of age? _____

Parent/Guardian's Name _____
(If under 18 years of age)

Parent/Guardian's Address _____

Are you employed? Yes _____ No _____ If yes, **EMPLOYER'S NAME** _____

Employer's Address _____ Employer's Phone () _____

NAME OF COLLEGE/UNIVERSITY _____

Address _____
Number Street

City State Zip

Contact at College/University _____ Phone Number () _____

Proposed Major Area of Study _____ Expected Date of Graduation _____

I affirm the information that I have (will) provided on this application, or any supportive materials, is (will be) complete, accurate, and true to the best of my knowledge. I understand that furnishing false information may result in not being considered or revocation of financial aid at some later date. **I understand that, if selected for a scholarship, you may use my photograph and/or testimonial for promotion and public relations purposes.**

Signature of Applicant _____ Date _____

Signature of Parent or Guardian _____ If under 18 years of age Date _____

Deadline to apply – February 15, 2012

LIST OF SCHOOLS YOU PREVIOUSLY ATTENDED (From High School through the Present)

Name of School	Address	Date Attended

*** Attach a transcript from all previous institutions attended ***

DEMONSTRATED WELDING EXCELLENCE (Include School/community Activities/Honors & welding work experience)

Activity	Year	Offices & Honors

WORK EXPERIENCE (Include present and previous employment, and use additional paper if required)

Year	Company Name	Job Description (be specific)

FINANCIAL AID REPORT (List previous and current educational scholarships, grants, loans, work-study, or student employment)
Attach a copy of your Student Financial Aid Form even if no financial aid was received.

Date	Institution and Location	Type of Aid	Amount

LIST OF PERSONAL REFERENCES:

Name	Street/City/State/Zip	Occupation

PERSONAL STATEMENT – Attach a supplementary sheet to give information about your ambitions, goals, background, leadership, and any other factors that would assist the committee in judging your eligibility.

Deadline to apply – February 15, 2012

Selection

The recipient will be chosen by a Selection Committee comprised of five (5) members, selected by the Education Scholarship Committee. The Selection Committee will determine award recipient in March of each year. Recipient will be announced at the National Awards Luncheon. As a recipient, your photograph and/or testimonial may be used for promotion and public relations purposes.

Deadline February 15, 2012

Application valid only for the 2012-2013 academic year.

Awards

No recipient shall receive more than one AWS National Scholarship award per year.

Scholarship	Award Amount*	Awards Available	Scholarship	Award Amount*	Awards Available
Adkins	\$2,500	1	Howell	\$2,500	1
Airgas-Baker	\$2,500	1	Lincoln	\$3,500	1
Airgas-Jarvis	\$2,500	1	Matsuo	\$2,500	1
Amirikian	\$2,500	1	Miller Electric	\$3,000	2
Barckhoff	\$2,500	2	Past Presidents	\$2,500	1
Bovie	\$3,000	1	Peaslee	\$2,500	1
Brady	\$2,500	1	Praxair	\$2,500	1
Brothers	\$3,500	1	RWMA	\$2,500	1
Hastings, D.	\$2,500	1	Turner	\$3,500	1
Hastings, D/S	\$2,500	1			

No awards will be paid to the recipient. No recipient shall receive more than one AWS National Scholarship award per year. Awards will be paid directly to the academic institution by the AWS Foundation, except for Matsuo. The Matsuo award may cover airfare, room and board, and per diem, for a two-three week training opportunity in Japan. In lieu of the Japan trip, and at the discretion of the Matsuo, an award of \$2,500 may be issued to the recipient's academic institution.

The award will be presented to individuals nationwide. Applicant does not have to be a member of the American Welding Society, but is preferred. The exception to this is the Past Presidents Scholarship – an applicant must be a member. The AWS Foundation does not discriminate by age, race, color, national origin, disability, creed, or gender.

** Scholarship awards are based on accrued interest, and the amount indicated potentially may be affected from year to year.*

Disclosure

Each applicant must prepare a complete application package for each scholarship he/she applies for. Each package must include:

- Application indicating which scholarship is being applied for
- Two letters of reference **only**
- Personal Statement (information to be included is attached)
- Original Official Transcript(s) sent directly from the college or university – If applying for more than one scholarship, only one transcript must be an original official transcript. The others may be copies. Forms printed from the college/university's website will not be accepted nor will student copies of transcripts.
- Verification of Enrollment (form attached) – must be completed by college or university.
- Statement of Unmet Financial Need (form attached) – must be completed by college or university even if no FAFSA was filed.
- Essay – for Airgas scholarships, Barckhoff scholarship, Brady scholarship, Past Presidents and RWMA scholarship **only**
- Confirmation of Employment – for Turner scholarship **only** (form attached)
- RWMA Scholarship Recommendation forms, one from faculty and one from employer – for RWMA scholarship **only** (form attached)

Incomplete application packages, not prepared as stated above, will be disqualified.

Deadline to apply – February 15, 2012



Foundation, Inc.

Building Welding's Future through Education

Personal Statement

The following information should be included in your personal statement:

- Demonstrated timeliness and completion of assignments
- Creativity in solving problems
- Demonstrated responsibility on own initiative
- Ability to work well with others
- Organizational skills (ability to handle multiple tasks, time management)
- Participation in class, campus and outside organizations
- Participation in AWS Student and Section activities
- General Background information
- Career Objectives



Foundation, Inc.

Building Welding's Future through Education

Verification of Enrollment

Dear Admissions/Registrar:

This student is applying for a scholarship from the American Welding Society through the AWS Foundation. Please complete the information requested below for verification of the student's acceptance to this academic institution.

In addition, please verify the student's current enrollment status and total number of hours completed. This information should be included in the student's scholarship application package.

To be completed by Student:

I authorize the above requested information to be released to the AWS Foundation, Inc. in connection with my application for a National Scholarship.

Student

Academic Institution

Social Security Number

Date

To be completed by Admissions/Registrar:

Student

Academic Institution

Date of Acceptance to this Institution: _____

Is this student currently enrolled? _____ Is this student full time or part time? (circle one)

Course of study currently enrolled: _____

Number of Academic Hours Completed: _____

Student State: (circle one) Freshman Sophomore Junior Senior Other

Signature _____

Title _____

Print Name _____

Telephone (_____) _____

Deadline to apply – February 15, 2012



Foundation, Inc.

Building Welding's Future through Education

Statement of Unmet Financial Need
ATTENTION OFFICE OF FINANCIAL AID

This student is applying for a scholarship from the American Welding Society through the AWS Foundation. Please complete the information requested below for verification of the student's statement of unmet financial need, or attach an official letter from the Office of Financial Aid indicating the student's current budget, needs analysis, and financial aid awards, including scholarships. If this form is completed prior to FAFSA submission for the current year, information from last year may be used.

Thank You,
AWS Foundation, Inc.

To be completed by Student:

I authorize the above requested financial aid information to be released to the AWS Foundation in connection with my application for a National Scholarship.

Student Signature

Academic Institution

Social Security Number

Date

(over)

Deadline to apply – February 15, 2012



Foundation, Inc.

Building Welding's Future through Education

**Confirmation of Employment
for
James A. Turner, Jr. Memorial Scholarship**

Dear Employer:

This student is applying for the James A. Turner, Jr. Memorial Scholarship from the American Welding Society through the AWS Foundation. One of the requirements for the scholarship is that the student be employed a minimum of ten (10) hours per week at a welding store operation or a welding distributorship.

Please complete the information requested below for verification of this requirement on behalf of this student.

Thank You,
AWS Foundation, Inc.

To be completed by Student:

I authorize the above requested information to be released from my employer to the AWS Foundation, Inc. in order to be considered for the James A. Turner, Jr. Memorial Scholarship.

Student/Employee

Place of Business

Social Security Number

Date

To be completed by Employer:

I am confirming that _____ is employed by
(Name of Student/Employee)

_____ and is currently working a minimum of ten (10) hours per week.
(Name of Business)

Signature of Supervisor _____

In case of questions, please contact: _____

Title _____ Telephone (_____) _____ Date _____

Deadline to apply – February 15, 2012

Please use only if applying for the RWMA Scholarship

RWMA Scholarship Recommendation Form

Please provide the following information on why you recommend this applicant to receive the RWMA Scholarship. Where there is a numerical score, 0 is the lowest and 10 is the highest.

Candidate's Name: _____

How long have you known this applicant? (months/years) _____

Candidate's ability to communicate: Verbal (0-10) _____

Written (0-10) _____

For use by Faculty or Academic Advisor

Attendance and participation in class (0-10) _____

Additional comments that would be beneficial to the Selection Committee:

* If additional space is required, please attach a separate sheet to this form.

Signature: _____ Date: _____

Print Name: _____ Title: _____

Name of University/Company: _____

Relationship to Applicant: _____

Deadline to apply – February 15, 2012

Please use only if applying for the RWMA Scholarship

RWMA Scholarship Recommendation Form

Please provide the following information on why you recommend this applicant to receive the RWMA Scholarship. Where there is a numerical score, 0 is the lowest and 10 is the highest.

Candidate's Name: _____

How long have you known this applicant? (months/years) _____

Candidate's ability to communicate: Verbal (0-10) _____

Written (0-10) _____

For use by Faculty or Academic Advisor

Attendance and participation in class (0-10) _____

Additional comments that would be beneficial to the Selection Committee:

* If additional space is required, please attach a separate sheet to this form.

Signature: _____ Date: _____

Print Name: _____ Title: _____

Name of University/Company: _____

Relationship to Applicant: _____

Deadline to apply – February 15, 2012