

The SPE Foundation

2010
Scholarship Program



an affiliate of the Society of Plastics Engineers

The SPE Foundation Scholarship Program for the 2010-2011 School Year

The SPE Foundation, an affiliate of the Society of Plastics Engineers, offers numerous scholarships to students who have demonstrated or expressed an interest in the plastics industry. They must be majoring in or taking courses that would be beneficial to a career in the plastics industry. This would include, but is not limited to, plastics engineering, polymer science, chemistry, physics, chemical engineering, mechanical engineering, and industrial engineering. All applicants must be in good standing with their colleges. Financial needs is considered for most scholarships.

While most scholarships do not require specific knowledge or have special criteria, some scholarships are limited in scope. See the section below entitled Special Scholarships to determine if you are eligible to apply. Please be sure to include the specific information that is required to be submitted with your application.

The SPE Foundation General Scholarships

Foundation Scholarships - Multiple undergraduate and graduate scholarships range up to \$4,000 annually. Scholarships are awarded for one year only, but applicants may apply for a re-award for up to three additional years.

Detroit Section/Thomas E. Powers Scholarship - One undergraduate award of \$4,000 is made annually.

Detroit Section/Robert G. Dailey Scholarship - One undergraduate award of \$4,000 is made annually.

Injection Molding Division Scholarship - One award of \$3,000 will be made annually to a graduate or undergraduate student. Applicants must have experience in the injection molding industry, such as courses taken, research conducted, or jobs held.

Robert E. Cramer/Product Design & Development Division/Mid-Michigan Section Scholarship - One undergraduate award of \$1,000 is made annually.

Ted and Ruth Neward Scholarships - Three undergraduate or graduate awards of \$3,000 are made annually to citizens of the United States.

Polymer Modifiers & Additives Division Scholarships - Three \$4,000 undergraduate awards are made annually.

Thermoplastic Materials & Foams Division Scholarship - One undergraduate award of \$2,500 will be made.

Vinyl Plastics Division Scholarship - One \$3,000 undergraduate award will be made annually. Preference will be given to applicants with experience in the vinyl industry, such as courses taken, research conducted, or jobs held.

The SPE Foundation Special Scholarships

Blow Molding Division Carrie Fox Solin Memorial Scholarship and ExxonMobil Chemical Company Scholarship - Up to two awards of \$8,000 (payable over 2 years) will be made. Applicants must be completing the second year of a 4-year undergraduate plastics engineering program and be a member of an SPE Student Chapter. See page 4 for special essay requirements.

The SPE Foundation Scholarship Program for the 2010-2011 School Year

Composites Division/Harold Giles Scholarship - One undergraduate or graduate award of \$1,000 is made annually. Applicants must document their experience in the composites industry, such as courses taken, research conducted, or jobs held.

Extrusion Division/Lew Erwin Memorial Scholarship - One award of \$2,500 is made each year to support undergraduate or graduate research in the field of polymer extrusion. Applicants must be a Ph.D. candidate, or be working on a Senior or MS project which the scholarship will help support.

Fleming/Blaszczak Scholarship - This \$2,000 scholarship is available to full-time undergraduate students at a 4-year college or students enrolled in a graduate program. Applicants for this award must be of Mexican descent and citizens or legal residents of the United States.

Gulf Coast Hurricane Scholarships - One four-year university scholarship of \$6,000 and one two-year junior college or technical institute scholarship of \$2,000 are available. Applicants must be a resident of, and attending college in, a Gulf Coast state (Florida, Alabama, Mississippi, Louisiana, or Texas). Funds will be distributed on a yearly basis.

K. K. Wang Scholarship - One award of \$2,000 will be made to a graduate or undergraduate student. Applicants must document their experience in injection molding and computer-aided engineering (CAE), such as courses taken, research conducted, or jobs held.

Pittsburgh Section Scholarships - Up to two awards of \$2,000 each to graduate or undergraduate students. Applicants must have graduated from a high school in one of the following western Pennsylvania counties: Allegheny, Armstrong, Beaver, Bedford, Blair, Brooke, Butler, Cambria, Clarion, Clearfield, Fayette, Greene, Hancock, Indiana, Jefferson, Lawrence, Mercer, Somerset, Venango, Washington or Westmoreland.

Plastics Pioneers Association Scholarships - Multiple \$3,000 scholarships are available for undergraduate students, including those enrolled in associate degree or technical degree programs, who are committed to becoming "hands-on" workers in the plastics industry - students who are dedicated to careers as plastics technicians or engineers. Applicants must be U.S. citizens.

Thermoforming Division Memorial Scholarships - Multiple scholarships up to \$7,500 are awarded annually to graduate or undergraduate students, including those enrolled in associate or technical degree programs. Applicants must document their experience in the thermoforming industry, such as courses taken, research conducted or jobs held.

Thermoplastic Elastomers Special Interest Group Scholarship - One award of \$1,500 will be made annually to a graduate or undergraduate student. Applicants must document their experience in the thermoplastic elastomers industry, such as courses taken, research conducted, or internships/jobs held.

Thermoset Division/James I. Mackenzie and James H. Cunningham Scholarships - Two awards of \$1,500 are available - one for a graduate student and one for an undergraduate student. Applicants must document their experience in the thermoset industry, such as courses taken, research conducted or jobs held.

Western Plastics Pioneers Scholarship - One award of \$1,000 is available for undergraduate students, including those enrolled in associate degree or technical degree programs. Applicants must be attending school in Arizona, California, Oregon or Washington State.

Complete Application Guidelines

General Eligibility Requirements

1. Applicants for all Foundation scholarships, unless otherwise specified, must be full-time undergraduate students in either a four-year college or a two-year technical program or enrolled in a graduate program (for those scholarships available to graduate students).
2. Applicants must have a demonstrated or expressed interest in the plastics industry.
3. Applicants must be majoring in or taking courses that are beneficial to a career in the plastics/polymer industry.
4. Applicants must be in good academic standing with their schools.
5. Financial need of applicants will be considered for most scholarships.

How to Apply

Applicants must complete an application and return it to The SPE Foundation by January 15, 2010 (the deadline for the Extrusion Division/Lew Erwin Memorial Scholarship is March 1, 2010). The application submitted must include:

1. A completed application form.
2. Three recommendation letters: two from teachers or school officials and one from an employer or non-relative, all of whom know you well. The Extrusion Division/Lew Erwin Scholarship application requires only one recommendation letter, which must be from the Faculty Advisor associated with the Senior or MS project.
3. A high school and/or college transcript for the past two years.
4. A list of current and past school activities and community activities and honors.
5. A listing of your employment history, starting with your most recent job. Where your involvement was in plastics/polymers, describe that activity.
6. A one- to two-page statement telling why you are applying for the scholarship, your qualifications, and your educational and career goals in the plastics industry.

Additional Requirements

In addition to the materials required in "How to Apply" above, the following scholarships require that additional information or background documentation be submitted:

Blow Molding Division Memorial Scholarships - Applicants must submit a brief essay that describes the applicant's perceived importance of blow molding to the technical parts and packaging industries, and why he/she desires a career in the plastics industry. Applicants must be completing the second year of a 4-year undergraduate plastics engineering program and be a member of an SPE Student Chapter.

Composites Division/Harold Giles Scholarship - Applicants must include a statement detailing their exposure to the composites industry (courses taken, research conducted, or jobs held).

Extrusion Division/Lew Erwin Memorial Scholarship - Applicants must be working on a Senior, MS or Ph.D. project which the scholarship will help support. The project must be described in writing, including background, objective, and proposed experiments. The recipient will be expected to furnish a final research summary report.

Additional Requirements cont'd.

Fleming/Blaszczak Scholarship - Applicants must provide documentation of their Mexican heritage and their citizenship status. If a U.S. citizen, provide a copy of your birth certificate or U.S. Passport. If not U.S.A., provide proof of your citizenship or legal resident status via a copy of a U.S. Passport, a Certificate of U.S. Citizenship, a Resident Alien Card, or other legal documents issued by a U.S. agency such as INS. Detail your Mexican lineage in your essay or on a separate sheet of paper and include it with your application package.

Gulf Coast Hurricane Scholarships - Applicants must provide proof of residency in a Gulf Coast state, and be attending a university, college or technical institute in Florida, Alabama, Mississippi, Louisiana, or Texas.

K. K. Wang Scholarship - Applicants must include a statement detailing their experience in injection molding and computer-aided engineering (courses taken, research conducted or jobs held).

Pittsburgh Section Scholarship - Applicants must provide proof of graduation from a high school in one of the following western Pennsylvania counties: Allegheny, Armstrong, Beaver, Bedford, Blair, Brooke, Butler, Cambria, Clarion, Clearfield, Fayette, Greene, Hancock, Indiana, Jefferson, Lawrence, Mercer, Somerset, Venango, Washington or Westmoreland.

Thermoforming Division Memorial Scholarship - Applicants must include a statement detailing their exposure to the thermoforming industry (courses taken, research conducted, or jobs held).

Thermoplastic Elastomers Special Interest Group Scholarship - Applicants must include a statement detailing their exposure to the thermoplastic elastomers industry (courses taken, research conducted, or internships/jobs held).

Thermoset Division/James H. Cunningham Undergraduate Scholarship - Applicants must include a statement detailing their exposure to the thermoset industry (courses taken, research conducted, or jobs held).

Thermoset Division/James I. MacKenzie Memorial Graduate Scholarship - Applicants must include a statement detailing their exposure to the thermoset industry (courses taken, research conducted, or jobs held).

Western Plastics Pioneers Scholarship - Applicants must be attending school in Arizona, California, Oregon or Washington State.

All scholarships will be paid directly to the recipient's school. The SPE Foundation will not award scholarships to applicants who are not qualified, and reserves the right to not award a scholarship in a given year if it so chooses.

The SPE Foundation

P.O. Box 0403, Brookfield, CT 06804-0403 USA
Tel: +1 203-740-5447 Email: foundation@4spe.org

The SPE Foundation Scholarship Application for the 2010-2011 School Year cont'd.

8. Financial Information: Please provide the following information.

Annual Anticipated Income	<i>(list information for 2010-2011 only)</i>	Annual Anticipated College Expenses	
Family contributions toward school expenses	_____	Tuition / Fees	_____
Applicant's savings or earnings for school	_____	Room / Board	_____
Financial aid for 2010-2011	_____	Books & Supplies	_____
Grants	_____	Personal Expenses	_____
Scholarships	_____	Other	_____
Loans	_____		
Work Study Program	_____	Total Expenses	=====
Other	_____		
Total Income	=====		

Note: These columns need not equal—list only income figures you know are available to you.

9. Application Checklist

Application not considered to be complete unless all the following are submitted:

- A completed application form.
- Three recommendation letters: two from teachers or school officials and one from an employer or non-relative, all of whom know you well. (The Extrusion Division/Lew Erwin Memorial Scholarship application requires only one recommendation letter, which must be from the Faculty Advisor associated with the Senior, MS or Ph.D. project.)
- A high school and/or college transcript for the past two years
- A list of current and past school activities and community activities and honors.
- A listing of your employment history, starting with your most recent job. Where your involvement was in plastics/polymers, describe that activity.
- A one- to two-page statement telling why you are applying for the scholarship, your qualifications, and how your study of plastics will contribute to your immediate and/or long-range career goals.
- Any additional materials required for specific scholarships (see "Additional Requirements" on pages 4-5.)

10. Application Statement

The information provided in my application is, to the best of my knowledge, complete and accurate, and I understand that false statements on this application will disqualify me from the scholarship program. I give my permission for any college or school to release to The SPE Foundation any information necessary to process my application to The SPE Foundation Scholarship Program.

Applicant's Signature: _____ Date: _____

Be sure to enclose
all required
material.
See pages 4-5.

This application is also available online at www.4spe.org/spe-foundation

Application Deadline: January 15, 2010
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Phone: +1 203-740-5447 Email: foundation@4spe.org Web: www.4spe.org



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P.O. Box 403

Brookfield, CT 06804-0403 USA

\$138,500 Awarded in 2008 to 33 Students

Jacob Sorenson

University of Wisconsin-
Platteville
\$3,000 Plastics Pioneers
Association Scholarship



Amy Stojkov

Oklahoma State University
\$4,000 Polymer Modifiers
and Additives Division
Scholarship

Jared Spaniol

Penn State Erie
\$7,500 Thermoforming
Division Scholarship

