



11 November 2013

Sun Area Technical School
815 E Market St
New Berlin, PA 17855

Dear Guidance Department:

Annually for the past thirteen years, the Lehigh Valley Section of the Society of Women Engineers (SWE-LV) has awarded scholarships to top prospective female students graduating from area high schools who were enrolling in engineering at a college or university. Last year we awarded a total of \$18,000 to seven recipients. Given the continued tremendous support of corporations and foundations in the area, SWE-LV will be awarding scholarships again this spring.

SWE was chartered in 1950. Since then, the Society has grown to nearly 20,000 members in more than 100 sections and 300 student sections. The Lehigh Valley Section is very active in the community and consists of over 40 members. For over 60 years, SWE has worked to support women in engineering and to encourage more women to enter or re-enter the engineering profession.

Enclosed is a copy of the application form. Scholarships of up to \$3,000 will be awarded to women graduating from area high schools (areas with zip codes beginning 177-187 and 195-196, which includes over 20 counties in Pennsylvania) in 2014 and enrolling in an engineering program at a college or university in the fall of 2014. The scholarship recipients are chosen every year based on academic achievement, extracurricular and leadership activities, a recommendation, and an essay.

Please make copies of the application package and distribute them to those senior students who you feel would be quality candidates. A copy of this application can also be found on our website, <http://lv.swe.org/>. Each recipient will be invited to attend our annual banquet in May where she will be formally presented with the award.

The application **MUST BE POSTMARKED** by February 10, 2014. Send the completed package to:

Amanda Witmer
Air Products and Chemicals, Inc.
7201 Hamilton Blvd.
Allentown, PA 18195

Sincerely,
The Scholarship Committee
Lehigh Valley Society of Women Engineers
SWELVScholarship@swe.org
610-481-0595

Jennifer M. Doyle

Jennifer M. Doyle

H. G. Marshall

Heather G. Marshall

Laureen Pellegrino

Laureen Pellegrino

Susan Schierwagen

Susan Schierwagen



A non-profit, educational, service organization dedicated to the advancement of women in engineering

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Area High Schools of Scholarship Recipients (since 2001)		
Abington Heights *	Homeschooled	Palisades
Allentown Central Catholic *	Honesdale	Parkland *
Bangor Area *	Jim Thorpe	Pleasant Valley
Berwick Area	Kutztown	Pottsville Area
Bishop Hafey	Loyalsock Township	Salisbury
Bishop Hoban	Middleburg	Schuylkill Haven
Central Columbia	Mifflinburg Area	Southern Lehigh *
Central Mountain	MMI Preparatory *	Saucon Valley
Crestwood	Moravian Academy	Scranton
Dallas	Mount Carmel Area	Tunkhannock Area
Danville Area	Muhlenberg	Warrior Run
Dieruff	Muncy	Whitehall
East Stroudsburg Area	Northampton Area	William Allen
Emmaus	Northern Lehigh	Wyoming Valley West
Freedom	Northwestern Lehigh	Wyomissing Area
Hazleton Area	Oley Valley	

Colleges and Universities Attended by Recipients (since 2001)		
Brown University *	Harvard University	United States Naval Academy
Bucknell University *	Kettering University	University of Delaware
Carnegie Mellon University *	Lafayette College	University of North Carolina
Columbia University	Lehigh University	University of South Carolina *
Cornell University	Massachusetts Institute of Technology	University of Notre Dame
Dartmouth College *	Pennsylvania State University *	University of Pennsylvania
Drexel University	Princeton University	University of Pittsburgh
Duke University	Purdue University	Virginia Polytechnic Institute
Florida Institute of Technology	Rensselaer Polytechnic Institute	West Point Military Academy
Georgia Institute of Technology *	Seton Hall University	

**Platinum Sponsors

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*2013 recipients

The Society of Women Engineers stimulates women to achieve full potential in careers as engineers and leaders, expands the image of the engineering profession as a positive force in improving the quality of life, and demonstrates the value of diversity.

**Lehigh Valley Section of the Society of Women Engineers
2014 SCHOLARSHIP APPLICATION**

High School: _____ Year of Graduation: _____

College or University planning to attend: _____

Major: _____

GPA ____/____ Class Rank ____/____ SAT Math____ Verbal____ Writing____

ID Number: _____(This should be the last four digits of your phone number from page 2. This is your application identification number since your name is removed from the application during the evaluation process)

You are invited to submit an application for a scholarship of up to \$3,000, provided by the Society of Women Engineers, Lehigh Valley Section. All women graduating from area high schools (areas with zip codes beginning 177-187 and 195-196) in 2014 who plan to major in engineering starting in the fall of 2014 are encouraged to apply.

Your scholarship application package should include:

- ◆ This application form (pages 1-8); please include your identification number at the top of pages 2-8 as well as on any additional pages attached to your application
- ◆ Consent of Disbursement Form (page 2)
- ◆ A list of extracurricular activities in which you have participated (page 3)
- ◆ A completed Recommendation Form (pages 4 and 5) from a teacher or mentor with whom you have worked within the past two years
- ◆ One essay (page 6)
- ◆ Optional Supplemental form (page 7)
- ◆ Survey Form (page 8 - note that this will not be used in evaluation, but it is mandatory)
- ◆ A copy of your recent high school transcript (official copy not required), including SAT or ACT scores
- ◆ A copy of your engineering college or university acceptance letter, if available. (This does not require that a decision to attend was made). College or university must be ABET accredited (if you are unsure, visit www.abet.org). Exceptions will be made for biomedical or bioengineering since many of these programs are new and are in the process of becoming ABET accredited.

Applications must adhere to the above guidelines or will not be considered.

An electronic copy of this application can be found at our website: <http://lv.swe.org/scholarships.html>

Applications **MUST BE POSTMARKED** by February 10, 2014. Please avoid using staples. Send the completed package (including the recommendation) in one envelope to:

Amanda Witmer
Air Products and Chemicals, Inc.
7201 Hamilton Blvd.
Allentown, PA 18195

You will be notified via email when we receive your application. Scholarship *recipients* will be notified by April 7, 2014. For questions/comments contact the scholarship committee at swelvscholarship@swe.org or 610-481-0595.

ID Number:

**Lehigh Valley Section of the Society of Women Engineers
CONSENT OF DISBURSEMENT FORM**

****This page will not be given to the scholarship committee. Committee will identify applicants using ID Number****

Name: _____

Address: _____

Email Address: _____ Phone: _____

SWE Scholarships are company sponsored. With your consent, SWE will provide the companies sponsoring your scholarship with a copy of your application package.

Please sign and return this waiver form with your application to provide this consent.

Date

Print Name

Signature

If you are awarded a scholarship, we will likely submit an article to a newspaper. Your signature below gives us permission to print photographs in any publicity article we may submit.

Please sign and return this waiver form with your application to provide this permission.

Date

Print Name

Signature

**Lehigh Valley Section of the Society of Women Engineers
RECOMMENDATION FORM**

TO THE APPLICANT: Complete only the top portion of this form. Your recommender should complete the rest of the form.

Name of Recommender: _____

Position: _____

Address: _____

Telephone: (include area code please): _____

TO THE RECOMMENDER: Thank you for agreeing to provide an evaluation of the individual named above. We value your frank and thoughtful assessment of the applicant in comparison to her same class (12th graders). Please complete and sign this recommendation form (both pages 4 and 5), place in an envelope, seal the envelope, sign your name across the flap, and return the recommendation to the applicant for submittal. Note that an electronic copy of this form can be found at <http://lv.swe.org/scholarships.html>.

1. How long and in what capacity have you known the applicant?

Continue on page 5

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2. Please rate the applicant in the table below relative to other 12th graders.

	Outstanding Top 2%	Excellent Top 10%	Very good Top 20%	Average Middle 50%	Below average Bottom 25%	Not observed
Maturity						
Initiative and Motivation						
Creativity						
Analytical Skills						
Integrity						
Ability to work with others						
Goal directedness						
Leadership						

3. Please explain any qualities of this student or examples from your interaction with them that would make this student stand out in comparison to other deserving applicants?

Signature: _____ Date: _____

**Lehigh Valley Section of the Society of Women Engineers
ESSAY**

Please answer one of the following three essay questions (two page maximum, double spaced, 11 point font, submitted on separate paper):

You have just completed your 300 page autobiography. Please submit page 217. Note this can be an autobiography of your life to date or it can include the future.

Make a unique, bold prediction about something in the year 2030, providing background as to what led to your prediction.

What invention would the world be better off without, and why?

ID Number:

**Lehigh Valley Section of the Society of Women Engineers
SUPPLEMENTAL FORM**

If you believe that there is some fact, experience, talent, thought, or quality that did not fit into our application but which you would like us to take into consideration, let us know about it here.

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**Lehigh Valley Section of the Society of Women Engineers
SURVEY FORM**

This is the 14th year that the Lehigh Valley Society of Women Engineers has offered this scholarship to women such as yourself planning to study engineering. This survey form is used to gather information to benefit future applicants. The information provided here will not be used to evaluate your application. However, completion of this form is mandatory.

1. Where did you hear about this scholarship?

2. What local newspapers would you like to receive notification if you are selected as a recipient? (Name and address please – email is acceptable)

3. How does your high school inform students about scholarship opportunities?

OPTIONAL QUESTION

4. Where should we advertise to reach more applicants next year? (specific websites, newspapers, etc.)
