

## 12 SCHOLARSHIPS

### 12.1 SCHOLARSHIP INFORMATION

These scholarship offerings are accurate as of December 10, 2003. Visit the FIRST web site, <http://www.usfirst.org/robotics/scholsh.htm> for up-to-date scholarship offerings, submission information, and deadlines.

The scholarships are listed alphabetically, and unless otherwise noted, all scholarship recipients will be announced at the Championship event.

One of the highlights of the FIRST Robotics Competition is the awarding of educational scholarships to FIRST students. For the 2004 season, nearly 180 merit-based scholarship opportunities amounting to more than \$3.8 million are available to eligible FIRST high school participants. Some scholarships may be used for any course of study; others are specifically awarded for undergraduate degrees in Science, Mathematics, Computer Science, Agriculture and Natural Resources, Health and Nursing Sciences, as well as several engineering disciplines. Furthermore, while the majority of the scholarship opportunities are awarded for enrollment at a specific school, there are a few scholarships in which the recipient may select the college/university to apply the funds to.

Most FIRST scholarship contributors are the colleges and universities themselves. For many years, Worcester Polytechnic Institute (MA) and Daniel Webster College (NH) were the only schools to offer scholarships through FIRST. In 2004, more than 35 schools across the USA and Canada who share in FIRST's mission are offering scholarship opportunities. There are also a growing number of scholarships funded entirely or in part by corporate sponsors and professional associations. FIRST would like to recognize and thank all of our scholarship partners for their dedication to this program.

## 12.2 ASME-ASME AUXILIARY FIRST SCHOLARSHIPS (7)

To recognize and reward students whose FIRST experience has inspired an interest in pursuing an engineering career, ASME International (The American Society of Mechanical Engineers) will award seven (7) \$5,000 scholarships to high school seniors active on FIRST teams, who are nominated by ASME members or student members who are also active with FIRST. These awards will be for the first year of study (non-renewable) in an accredited\* Mechanical Engineering or Mechanical Engineering Technology program.

### 12.2.1 Nomination and Student Eligibility

Members of ASME may nominate one student per FIRST team. Students must be:

- Graduating high school seniors active on FIRST teams
- Planning to enroll full-time in an ABET-accredited or substantially equivalent\* Mechanical Engineering or Mechanical Engineering Technology program, no later than the fall after their senior year in high school.

### 12.2.2 Nomination Requirements

Applicants must complete the **ASME/ FIRST Scholarship Nomination Form**, downloadable from the ASME Education web page <http://www.asme.org/education/precollege/first/firstapp.pdf>. Attached to the form should be the following:

- A **nomination letter** from an ASME member or student member attesting to the student's technical, creative and leadership contributions to the FIRST team
- Evidence of the student's outstanding **academic performance** and other relevant activities (Resume with GPA information or transcript are both acceptable)
- **Financial Data worksheet** (Page2 of downloadable Nomination form) as evidence of financial need.

### 12.2.3 Submission Requirements/Deadline

- Submit FOUR (4) COPIES of the nomination form and accompanying materials.
- *Materials must be postmarked by March 1, 2004 and sent to:*

Dawna Schultz	Tel: 1-800-THE-ASME (1-800-843-2763)
Education Department	Fax: 1-212-591-7411
ASME International	E-mail: <a href="mailto:schultzd@asme.org">schultzd@asme.org</a>
Three Park Avenue, 23-S1	
New York, NY 10016-5990	

### 12.2.4 ASME and FIRST

ASME International has promoted FIRST widely since 1996, when the two organizations signed an agreement of affiliation. ASME International is a 125,000 member professional organization, active for more than a century in supporting the profession of engineering through establishing codes and standards, publishing technical journals, participating in educational accreditation, and hosting seminars and conferences. ASME is committed to promoting technological literacy, and supports FIRST as an outstanding means for engineers to be positively involved with young people and promote hands-on understanding of engineering. ASME is committed to promoting technological literacy, and supports FIRST as an outstanding means for engineers to be positively involved with young people and promote hands-on understanding of engineering. These scholarship opportunities strengthen the ASME commitment. The recipients will be announced at the FIRST Championship.

\*The student's chosen college must have a Mechanical Engineering (ME) or Mechanical Engineering Technology (MET) program accredited by the Accreditation Board on Engineering Technology (ABET). Questions about whether a given program has received this accreditation may be answered by the college or university, or by checking listings on the ABET website ([www.abet.org](http://www.abet.org)), or, for non-listed programs, contact ASME (see below).

**ASME Board on Pre-College Education**  
**12.2.5 ASME-ASME Auxiliary FIRST Scholarship**

***Nomination***

American Society of Mechanical Engineers

***Postmark Deadline: March 1, 2004***

Name of Candidate \_\_\_\_\_

Home Address \_\_\_\_\_

Telephone \_\_\_\_\_

E-mail \_\_\_\_\_

High School \_\_\_\_\_  
 (School name, city, and state)

FIRST Team \_\_\_\_\_  
 (Team **NUMBER**, name, city, state)

College plans \_\_\_\_\_  
 (Intended institution, degree program, and enrollment date – e.g. Fall 2002)

Nominator \_\_\_\_\_ ASME member #: \_\_\_\_\_

Title, Employer \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_ FAX \_\_\_\_\_

E-mail \_\_\_\_\_

FIRST Team connection \_\_\_\_\_

Nominator's Signature \_\_\_\_\_ Date \_\_\_\_\_

***Submit and postmark FOUR COPIES EACH of nomination materials, including this page, by MARCH 1.***

Required Attachments:	<input type="checkbox"/> <b>Letter of Nomination</b> attesting to student's technical, creative and leadership contributions to the FIRST team. Nominator must be a member or student member of ASME, and may nominate no more than one student for the scholarship.
	<input type="checkbox"/> <b>Evidence of Academic Performance</b> (Transcript, resume/activity list w/ GPA info.)
	<input type="checkbox"/> <b>Evidence of Financial Need</b> (Financial Data worksheet, attached.)
Return to:	<b>Dawna Schultz</b> , Education Department, ASME International Three Park Avenue, 23-S1 New York, NY 10016-5990 Phone: 212-591-7411 Fax 212-591-7143 E-mail: schultzd@asme.org

## ASME Board on Pre-College Education

### 12.2.6 ASME-ASME Auxiliary FIRST Scholarship

### Financial Data

American Society of Mechanical Engineers

Name of Candidate

Use this chart to consolidate your **Evidence of Financial Need** as required for the ASME/FIRST Scholarship.

#### Estimated Annual Financial Data (from June 1, 2003 through May 31, 2004)

Annual Sources of Funds	Amount	Annual Tuition & Expenses	Amount
Job Income	\$		\$
Student Loans	\$		\$
Scholarships/Grants	\$		\$
Support from Parents/Family	\$		\$
Personal Savings	\$		\$
Other	\$		\$
<b>Total</b>	\$	<b>Total</b>	\$

These figures reflect my financial situation accurately and completely.

Name

Date

**Please note:** To form a complete application, you must submit the following:

1. This page
2. The Nomination Form
3. Letter of Nomination
4. Evidence of Academic Performance

**Do not send this page separately!** Information about submission is clearly indicated on the nomination form and on the scholarship description.

## 12.3 CLARKSON UNIVERSITY FIRST SCHOLARSHIPS (12)

FIRST and Clarkson University have established a scholarship to benefit deserving students who have participated on a FIRST team during their high school years and who would like to attend Clarkson University. The students may enroll in any course of study at Clarkson University.

### 12.3.1 Scholarship Description

Clarkson University will award up to 12 merit scholarships to selected high school seniors who have been a member of a FIRST team at their high schools. Recipients of this scholarship will receive up to \$6,000 per year for four years upon enrollment at Clarkson University. The student must meet the academic requirements for admission to Clarkson University, as well as meeting requirements for scholarship retention. An eligible student will have a minimum overall high school average of 85. The recipient may be eligible for the Clarkson Leadership or Achievement Award but no additional merit scholarship awards from Clarkson University. The student should apply for need-based aid through the Free Application for Federal Student Aid.

### 12.3.2 Submission Requirements/Deadline

To apply for the Clarkson University FIRST Scholarship, you will need the following:

- The regular application materials for admission to Clarkson University (Clarkson University will waive the \$30 application fee for FIRST scholarship applicants.)
- The Clarkson University FIRST Scholarship Application
- Three recommendations (Two from high school teachers, and one from an adult leader on your FIRST team.)
- An essay relating to your FIRST experience.

Clarkson U. must receive submissions no later than March 3, 2004. For more information or to request a Clarkson University FIRST scholarship and admission application package, please contact:

Office of Undergraduate Admission and New Student Financial Aid

Clarkson University

PO Box 5605

Potsdam, NY 13699

[www.clarkson.edu](http://www.clarkson.edu)

Email: [admission@clarkson.edu](mailto:admission@clarkson.edu)

1-800-527-6577

### 12.3.3 About Clarkson University:

Clarkson University is in Potsdam, NY, a community in Northern New York State, located between the Canadian cities of Montreal and Ottawa and the Adirondack Mountains. Clarkson is a private, 4-year university with an enrollment of approximately 3,000 students. Clarkson offers career-focused programs in Business, Engineering, Liberal Arts and Science, as well as distinctive interdisciplinary programs. Clarkson University seeks to admit students who have the commitment it takes to excel in the classroom and extracurricular activities. Students admitted at Clarkson University rank in the top 10% of all college-bound students nationally.

Clarkson University provides an environment emphasizing a team-based learning curriculum that develops the skills in high demand by industry as illustrated by the University's 96% placement rate. Students are encouraged to participate in undergraduate research, project-based teams, cooperative education, internship programs and study abroad. Class sizes are small with a student to faculty ratio of 16:1.



### 12.3.4 FIRST Scholarship Application

#### Personal Information:

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone ( \_\_\_\_\_ ) \_\_\_\_\_ Social Security Number \_\_\_\_\_  
High School \_\_\_\_\_  
E-Mail \_\_\_\_\_  
FIRST Team Number \_\_\_\_\_

#### Submission Requirements/Deadline:

To apply for the 2003-2004 Clarkson University FIRST Scholarship, along with this completed form, you must:

- \_\_\_\_\_ Submit 2 letters of recommendation from high school teachers.
- \_\_\_\_\_ Submit a letter of recommendation from an adult leader on your FIRST team.
- \_\_\_\_\_ Submit a 250-500 word essay on one of the following statements  
(Please attach a separate page):
  1. Describe how you have benefited from your FIRST Robotics participation.
  2. Describe a problem that your team encountered and how it was resolved.
- \_\_\_\_\_ Complete a Clarkson University admission application. Clarkson University will waive the \$30 application fee for FIRST scholarship applicants.

Submissions must be received no later than March 3, 2004. Please send all submissions to:

FIRST Scholarship Committee  
Clarkson University  
Box 5605, Holcroft House  
Potsdam, NY 13699-5605

If you have questions, please contact us at:

[www.clarkson.edu](http://www.clarkson.edu) or  
Email: [admission@clarkson.edu](mailto:admission@clarkson.edu) or  
Phone: 1-800-527-6577

## 12.4 COLLEGE FOR CREATIVE STUDIES (CCS) FIRST SCHOLARSHIP (5)

In partnership with FIRST, the College For Creative Studies will award up to five (5) scholarships valued between \$3,000 - \$5,000 per year, renewable annually for a total of four years and contingent upon maintaining a 3.0 or higher cumulative GPA. These scholarships are available to high school seniors currently participating on a FIRST Team who have been admitted to CCS on or before March 1, 2004. Participation in FIRST must be noted on the CCS Admissions Application.

### 12.4.1 About the College for Creative Studies (CCS)

The College for Creative Studies is one of the nation's leading art and design institutions. A private, fully accredited, four-year college, CCS offers Bachelor of Fine Arts degrees in Animation and Digital Media, Communication Design, Crafts, Fine Arts, Illustration, Industrial Design, Interior Design, and Photography. CCS enrolls 1200 undergraduate students from 33 states and 18 countries. Male students represent 59% of the population and female students represent 41%.

CCS is located in Detroit's Cultural Center, where it provides a dynamic learning environment in which students explore issues of art and design and the culture in which they exist, while preparing for careers in the professional world.

### 12.4.2 Admissions Criteria

To be considered for admission to CCS, please submit the following:

- **High School Transcript** – GPA 2.5 or higher
- **ACT or SAT Test Scores**
- **Portfolio** –All portfolios must include a minimum of 10 pieces; at least five of those pieces must be drawings. The remaining five or more pieces in your portfolio can represent your particular areas of interest.
- **Make a special note on the application.** Signify on the CCS Admissions Application that you participate in FIRST.

### 12.4.3 Contact Information

If you would like to apply for a FIRST Scholarship, please complete the following application and mail it to:

College for Creative Studies  
Admissions Office  
201 E. Kirby  
Detroit, Michigan 48202

Phone: (313) 664-7425 or (800) 952-ARTS  
Fax: (313) 872-2739  
Email: [admissions@ccscad.edu](mailto:admissions@ccscad.edu)  
Web Site: [www.ccscad.edu](http://www.ccscad.edu)

***Reminder: You must apply for admission and be admitted before you will be considered for the FIRST Scholarship.***

College For Creative Studies  
201 E. Kirby  
Detroit, Michigan 48202  
(313) 664-7425 or (800) 952-ARTS

#### 12.4.4 Application for FIRST Scholarship

These scholarships are available to high school seniors currently participating on a FIRST Team who have been admitted to the College for Creative Studies on or before March 1, 2004. Participation in FIRST must also be noted on the College for Creative Studies Admissions Application.

Please call 1-800-952-ARTS today, to request an application for admissions.

**Ms./ Mr.** \_\_\_\_\_  
Last First Middle

**Home Address:** \_\_\_\_\_  
Number Street Apt.  
\_\_\_\_\_  
City State Zip

**Phone No./e-mail:** \_\_\_\_\_  
Area Code Number E-mail Address

**Social Security Number:** \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

**FIRST Team # :** \_\_\_\_\_

**High School:** \_\_\_\_\_ **Expected date of graduation:** \_\_\_\_\_

**Prospective Major:**

Animation & Digital Media \_\_\_\_\_ Communication Design \_\_\_\_\_

Crafts \_\_\_\_\_ Fine Arts \_\_\_\_\_

Illustration \_\_\_\_\_ Industrial Design \_\_\_\_\_

Interior Design \_\_\_\_\_ Photography \_\_\_\_\_

**Date:** \_\_\_\_\_ **Signature:** \_\_\_\_\_



## 12.5 DANIEL WEBSTER COLLEGE FIRST SCHOLARSHIP

In partnership, FIRST and Daniel Webster College have established a scholarship to benefit a deserving student who has participated on a FIRST team during his or her high school years and who would like to attend Daniel Webster College. The student may enroll in any course of study at Daniel Webster College. Daniel Webster College will award a merit scholarship in the amount of \$10,000 per year for four years to a student who has been a member of a FIRST team at any high school in the country. The student must meet the regular academic requirements for admission as written in the college catalogue, as well as meeting requirements for scholarship retention. This scholarship is a merit scholarship. The recipient will not be eligible for additional merit scholarship awards from Daniel Webster College, but the student may apply for need-based financial aid.

Daniel Webster College's project-oriented curriculums combine theory and application. Students who do well here, have a can-do attitude, are willing to take the initiative to lead their teams in project work, and have a commitment to excel in the classroom.

### 12.5.1 Submission Requirements

To apply for the 2004 Daniel Webster College - FIRST Scholarship,

- Submit a detailed resume highlighting your leadership, technical skills, and potential.
- Submit a recommendation from an adult leader on your FIRST team.
- Submit a 500-word essay on your reactions to one of the following three quotes:
  1. "Leaders lead by example. They know how to set aggressive but achievable goals. They know the difference between desirable pressure and undesirable stress. And they know how to create an environment where people work hard because they enjoy what they are doing" – Unknown
  2. "The most important thing is to keep the most important thing the most important thing." – Stephen Covey
  3. "Remember, the FIRST competition is not about building a robot, it's about building a team." - Vincent Wilczynski
- Complete a Daniel Webster College Admissions Application packet. The \$35.00 application fee has been waived.

### 12.5.2 Submission Deadline

Submissions must be received no later than March 1, 2004. The recipient will be announced at the Championship in April 2004. Please send all submissions to:

Admissions Office  
2004 Daniel Webster College - FIRST Scholarship  
Daniel Webster College  
20 University Drive  
Nashua, NH 03063-1300

### 12.5.3 About Daniel Webster College

Daniel Webster College awards the B.S. degree in several areas in Aviation Flight Operations, Aviation Management, Aviation/Air Traffic Management, Business Management (Management, Information Systems, and Technology), Computer Science, Information Systems, Social Science, and Sport Management. The A.S. degree is awarded in Engineering Science and Aeronautical Engineering. The College has transfer agreements in engineering with UNH, UMASS-Lowell, Clarkson University, and Kettering University (formerly GMI).

You may obtain Viewbook, course catalogue, and application materials by contacting:

Director of Admissions, Daniel Webster College	College web site address: <a href="http://www.dwc.edu">www.dwc.edu</a> .
20 University Drive, Nashua, NH 03063-1300.	Telephone: (603) 577-6600 or 800-325-6876.
	E-mail address: <a href="mailto:admissions@dwc.edu">admissions@dwc.edu</a> .

## **12.6 DEVRY UNIVERSITY FIRST SCHOLAR AWARD**

DeVry University (DVU) is pleased to be able to recognize the drive and ingenuity of those that participate in FIRST Robotics Competitions through the DVU FIRST Scholar Award. The award will be announced at the 2004 Championship.

### **12.6.1 Scholarship Description**

The scholarship, valued at more than \$40,000, will cover tuition costs for the chosen student's program of choice at any of DeVry University's 25 campuses, 39 centers, or online program. The DVU FIRST Scholar Award will be awarded to a high school senior who has participated in at least one full FIRST Robotics Competition season and who will enroll at DeVry University within one calendar year of receipt of the award.

### **12.6.2 Selection Criteria:**

- Proven high school ability in math
- Quality performance on standardized college entrance exams
- Statement articulating the value the student gained through the FIRST experience and dually how it relates to his/her educational aspirations
- Reference letter from his/her FIRST team advisor

### **12.6.3 Application Process**

- Submit a DeVry University FIRST Scholar Award application no later than March 1, 2004
- DVU selection committee will review applications throughout the months of March and April 2004
- Winner announced at 2004 Championship. Winner must enroll at DeVry University within one calendar year of receipt of the award.

### **12.6.4 Application Deadline**

Consideration for the scholarship will be given to interested students that apply by March 1, 2004.

### **12.6.5 Contact Information**

Marisa Russo  
National Outreach Services Manager  
DeVry University  
One Tower Lane  
Oakbrook Terrace, IL 60181  
630.928.6478

[mrusso@devry.com](mailto:mrusso@devry.com)  
[www.devry.edu](http://www.devry.edu)

## 12.6.6 OFFICIAL APPLICATION

Completed Application Materials Due March 1, 2004

### ***DeVry University*** ***FIRST Scholar Award***

#### **Applicant Information**

First Name\_\_\_\_\_ Last Name\_\_\_\_\_  
Team Number\_\_\_\_\_  
Team Sponsor/s\_\_\_\_\_  
Applicant Address\_\_\_\_\_  
City\_\_\_\_\_ State\_\_\_\_\_ Zip Code\_\_\_\_\_  
Telephone\_\_\_\_\_ Social Security Number\_\_\_\_\_  
E-mail Address\_\_\_\_\_  
High School Name\_\_\_\_\_

#### **Applicant Requirements**

In addition to completing this form, scholarship applicants must be admitted to the DeVry University undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their high school transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

All questions and scholarship materials should be directed to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo

Phone: 630 928-6478  
800 73-DEVRY, ext. 6478  
Fax: 630 574-1991

E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)

## **12.7 DEVRY UNIVERSITY - REGIONAL - FIRST SCHOLAR AWARDS (10)**

DeVry University (DVU) is pleased to be able to recognize the drive and ingenuity of those that participate in the FIRST Robotics Competition season.

### **12.7.1 Scholarship Description**

This year, DVU will award 10 regional scholarships, each representing a FIRST Robotics Competition Regional. These scholarships, valued at more than \$40,000 each, will cover tuition costs for the chosen student's program of choice at any DeVry University campus or center in the state where the following FRC events are held: Arizona Regional, Central Florida Regional, Colorado Regional, Lone Star Regional, Midwest Regional, New York City Regional, Peachtree Regional, Philadelphia Alliance Regional, Silicon Valley Regional and Southern California Regional.

These Regional DVU FIRST Scholar Awards will be given to high school seniors who have participated in the specified FIRST Regional Competition and who agree to attend a DVU campus or center in the state where that regional was held.

### **12.7.2 Scholarship Criteria**

The student must enroll at DeVry University within one calendar year of receipt of the award, and must consistently meet the stated terms and conditions of their scholarship (to be provided upon award acceptance). Selection Criteria:

- Proven high school ability in math
- Quality performance on standardized college entrance exams
- Statement articulating the value the student gained through the FIRST experience and dually how it relates to his/her educational aspirations
- Reference letter from his/her FIRST team advisor

Application Process:

- Submit a Regional DeVry University FIRST Scholar Award application no later than March 1, 2004
- DVU selection committee will review applications throughout the months of March and April 2004

### **12.7.3 Application Deadline**

Consideration for Regional DVU FIRST Scholar Awards will be given to interested students that apply by March 1, 2004.

### **12.7.4 Contact Information:**

Marisa Russo, National Outreach Services Manager  
DeVry University  
One Tower Lane  
Oakbrook Terrace, IL 60181  
630.928.6478  
[mrusso@devry.com](mailto:mrusso@devry.com)  
[www.devry.edu](http://www.devry.edu)

## 12.7.5 OFFICIAL APPLICATION - Arizona

Completed Application Materials Due March 1, 2004

### **DeVry University** **FIRST Scholar Award**

**ARIZONA**

#### **Applicant Information**

First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
Team Number \_\_\_\_\_  
Team Sponsor/s \_\_\_\_\_  
Applicant Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Telephone \_\_\_\_\_ Social Security Number \_\_\_\_\_  
E-mail Address \_\_\_\_\_  
High School Name \_\_\_\_\_

#### **Applicant Requirements**

In addition to completing this form, scholarship applicants must be admitted to the DeVry University/Arizona undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their high school transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

Direct all questions and scholarship materials to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo

Phone: 630/928-6478  
800/73-DEVRY, ext. 6478  
Fax: 630/574-1991  
E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)

## 12.7.6 OFFICIAL APPLICATION – Central Florida

Completed Application Materials Due March 1, 2004

**DeVry University**  
**FIRST Scholar Award**  
**CENTRAL FLORIDA**

### Applicant Information

First Name\_\_\_\_\_ Last Name\_\_\_\_\_  
Team Number\_\_\_\_\_  
Team Sponsor/s\_\_\_\_\_  
Applicant Address\_\_\_\_\_  
City\_\_\_\_\_ State\_\_\_\_\_ Zip Code\_\_\_\_\_  
Telephone\_\_\_\_\_ Social Security Number\_\_\_\_\_  
E-mail Address\_\_\_\_\_  
High School Name\_\_\_\_\_

### Applicant Requirements

In addition to completing this form, scholarship applicants must be admitted to the DeVry University/Florida undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their high school transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

Direct all questions and scholarship materials to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo

Phone: 630/928-6478  
800/73-DEVRY, ext. 6478  
Fax: 630/574-1991  
E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)

## 12.7.7 OFFICIAL APPLICATION - Colorado

Completed Application Materials Due March 1, 2004

### **DeVry University** **FIRST Scholar Award**

**COLORADO**

#### **Applicant Information**

First Name\_\_\_\_\_ Last Name\_\_\_\_\_  
Team Number\_\_\_\_\_  
Team Sponsor/s\_\_\_\_\_  
Applicant Address\_\_\_\_\_  
City\_\_\_\_\_ State\_\_\_\_\_ Zip Code\_\_\_\_\_  
Telephone\_\_\_\_\_ Social Security Number\_\_\_\_\_  
E-mail Address\_\_\_\_\_  
High School Name\_\_\_\_\_

#### **Applicant Requirements**

In addition to completing this form, scholarship applicants must be admitted to the DeVry University/Colorado undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their high school transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

Direct all questions and scholarship materials to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo

Phone: 630/928-6478  
800/73-DEVRY, ext. 6478  
Fax: 630/574-1991  
E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)

## 12.7.8 OFFICIAL APPLICATION – Lone Star

Completed Application Materials Due March 1, 2004

### DeVry University FIRST Scholar Award

#### LONE STAR

#### Applicant Information

First Name\_\_\_\_\_ Last Name\_\_\_\_\_

Team Number\_\_\_\_\_

Team Sponsor/s\_\_\_\_\_

Applicant Address\_\_\_\_\_

City\_\_\_\_\_ State\_\_\_\_\_ Zip Code\_\_\_\_\_

Telephone\_\_\_\_\_ Social Security Number\_\_\_\_\_

E-mail Address\_\_\_\_\_

High School Name\_\_\_\_\_

#### Applicant Requirements

In addition to completing this form, scholarship applicants must be admitted to the DeVry University/Texas undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their high school transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

Direct all questions and scholarship materials to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo

Phone: 630/928-6478  
800/73-DEVRY, ext. 6478  
Fax: 630/574-1991  
E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)



## 12.7.9 OFFICIAL APPLICATION - Midwest

Completed Application Materials Due March 1, 2004

**DeVry University**  
**FIRST Scholar Award**  
**MIDWEST**

### Applicant Information

First Name\_\_\_\_\_ Last Name\_\_\_\_\_  
Team Number\_\_\_\_\_  
Team Sponsor/s\_\_\_\_\_  
Applicant Address\_\_\_\_\_  
City\_\_\_\_\_ State\_\_\_\_\_ Zip Code\_\_\_\_\_  
Telephone\_\_\_\_\_ Social Security Number\_\_\_\_\_  
E-mail Address\_\_\_\_\_  
High School Name\_\_\_\_\_

### Applicant Requirements

In addition to completing this form, scholarship applicants must be admitted to the DeVry University/Illinois undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their highschool transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

Direct all questions and scholarship materials to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo

Phone: 630/928-6478  
800/73-DEVRY, ext. 6478  
Fax: 630/574-1991  
E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)

## 12.7.10 OFFICIAL APPLICATION – New York City

Completed Application Materials Due March 1, 2004

**DeVry University**  
**FIRST Scholar Award**  
**NEW YORK CITY**

### Applicant Information

First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
Team Number \_\_\_\_\_  
Team Sponsor/s \_\_\_\_\_  
Applicant Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Telephone \_\_\_\_\_ Social Security Number \_\_\_\_\_  
E-mail Address \_\_\_\_\_  
High School Name \_\_\_\_\_

### Applicant Requirements

In addition to completing this form, scholarship applicants must be admitted to the DeVry University/New York undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their high school transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

Direct all questions and scholarship materials to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo

Phone: 630/928-6478  
800/73-DEVRY, ext. 6478  
Fax: 630/574-1991  
E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)

## 12.7.11 OFFICIAL APPLICATION - Peachtree

Completed Application Materials Due March 1, 2004

**DeVry University**  
**FIRST Scholar Award**  
**PEACHTREE**

### Applicant Information

First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
Team Number \_\_\_\_\_  
Team Sponsor/s \_\_\_\_\_  
Applicant Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Telephone \_\_\_\_\_ Social Security Number \_\_\_\_\_  
E-mail Address \_\_\_\_\_  
High School Name \_\_\_\_\_

### Applicant Requirements

In addition to completing this form, scholarship applicants must be admitted to the DeVry University/Georgia undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their high school transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

Direct all questions and scholarship materials to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo  
  
Phone: 630/928-6478  
800/73-DEVRY, ext. 6478  
Fax: 630/574-1991  
E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)

## 12.7.12 OFFICIAL APPLICATION - Philadelphia

**Completed Application Materials Due March 1, 2004**

**DeVry University**  
**FIRST Scholar Award**  
**PHILADELPHIA**

### **Applicant Information**

First Name\_\_\_\_\_ Last Name\_\_\_\_\_  
Team Number\_\_\_\_\_  
Team Sponsor/s\_\_\_\_\_  
Applicant Address\_\_\_\_\_  
City\_\_\_\_\_ State\_\_\_\_\_ Zip Code\_\_\_\_\_  
Telephone\_\_\_\_\_ Social Security Number\_\_\_\_\_  
E-mail Address\_\_\_\_\_  
High School Name\_\_\_\_\_

### **Applicant Requirements**

In addition to completing this form, scholarship applicants must be admitted to the DeVry University/Pennsylvania undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their high school transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

Direct all questions and scholarship materials to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo

Phone: 630/928-6478  
800/73-DEVRY, ext. 6478  
Fax: 630/574-1991  
E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)

## 12.7.13 OFFICIAL APPLICATION – Silicon Valley

Completed Application Materials Due March 1, 2004

**DeVry University**  
**FIRST Scholar Award**  
**SILICON VALLEY**

### Applicant Information

First Name\_\_\_\_\_ Last Name\_\_\_\_\_  
Team Number\_\_\_\_\_  
Team Sponsor/s\_\_\_\_\_  
Applicant Address\_\_\_\_\_  
City\_\_\_\_\_ State\_\_\_\_\_ Zip Code\_\_\_\_\_  
Telephone\_\_\_\_\_ Social Security Number\_\_\_\_\_  
E-mail Address\_\_\_\_\_  
High School Name\_\_\_\_\_

### Applicant Requirements

In addition to completing this form, scholarship applicants must be admitted to the DeVry University/California undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their high school transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

Direct all questions and scholarship materials to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo

Phone: 630/928-6478  
800/73-DEVRY, ext. 6478  
Fax: 630/574-1991  
E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)

## 12.7.14 OFFICIAL APPLICATION – Southern California

Completed Application Materials Due March 1, 2004

**DeVry University**  
**FIRST Scholar Award**  
**SOUTHERN CALIFORNIA**

### Applicant Information

First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
Team Number \_\_\_\_\_  
Team Sponsor/s \_\_\_\_\_  
Applicant Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Telephone \_\_\_\_\_ Social Security Number \_\_\_\_\_  
E-mail Address \_\_\_\_\_  
High School Name \_\_\_\_\_

### Applicant Requirements

In addition to completing this form, scholarship applicants must be admitted to the DeVry University/California undergraduate program of their choice. General Admission Requirements will be furnished upon request and are also available online at <http://www.devry.edu/uscatalog/admissions.html>.

Only applicants with an ACT composite score of at least 24 or SAT combined score of 1100 will be considered for the award. Candidates are required to furnish an official or unofficial copy of their high school transcript and ACT/SAT score documentation.

The final scholarship prerequisite is two letters of recommendation. Letters should be written by one of the student's high school educators or counselors and/or one of their FIRST mentors.

All questions and scholarship materials should be directed to:

Outreach Services  
DeVry University  
One Tower Lane, 11<sup>th</sup> Floor  
Oakbrook Terrace, IL 60181  
Attn: Marisa Russo  
  
Phone: 630/928-6478  
800/73-DEVRY, ext. 6478  
Fax: 630/574-1991  
E-mail: [mrusso@devry.com](mailto:mrusso@devry.com)  
Web: [www.devry.edu](http://www.devry.edu)

## 12.8 DREXEL UNIVERSITY SCHOLARSHIPS (5)

In partnership, Drexel University and FIRST have established five merit scholarships for high school juniors. These scholarships will benefit deserving junior students who are actively involved on a competing FIRST team during his or her junior year in high school and who would like to attend Drexel University. .

### 12.8.1 Scholarship Description

Drexel University will award a merit scholarship in the amount of \$8,000 per year of attendance to 5 junior students who are actively a member of a FIRST team at any high school in the country. Winners will be announced at the Championship April 15-17, 2004. Each junior student who applies for the scholarship must meet the regular academic requirements for admission as well as meeting requirements for scholarship retention. These scholarships are merit scholarships, and recipients will not be eligible for additional merit scholarships from Drexel University, but can apply for need-based financial aid. In order for the selected students to receive the scholarship award, they must enroll in a full time, day undergraduate program of study at Drexel University

### 12.8.2 About Drexel

Drexel University is a national leader in curricular innovation and co-operative education with a strong technological focus. Through the Drexel Co-op: "The Ultimate Internship®," students alternate between periods of classroom study and paid professional employment, gaining the experience necessary to pursue graduate school or the career of their choice. At Drexel, students can earn a B.A., B.S., M.S., M.B.A., Ph.D., or M.D. in one of five colleges and three schools including Arts and Sciences; Business and Administration; Media Arts and Design; Engineering; Information Science and Technology; Biomedical Engineering, Science, and Health Systems; School of Education; and Hospitality Management. Most recently, MCP Hahnemann University has merged with Drexel University to form the Drexel University College of Medicine. In addition, Drexel now has programs in the School of Nursing and Health Professions, and School of Public Health. Thanks to Drexel's Philadelphia location, the University offers its students all the benefits of a major metropolitan area and corporate center.

### 12.8.3 Requirements/Deadline

\*To apply for one of the five Drexel University 2005 academic year scholarships:

- Complete a FIRST/Drexel application. (Include essay on FIRST involvement-500 words or less)
- Complete a Drexel University Application for Admission. The \$50.00 application fee will be waived for all eligible junior applicants.
- Submit an official or unofficial high school transcript. Include first semester junior year grades.
- Submit SAT or ACT test scores. Substitute PSAT scores if you have not taken the SAT or ACT.

*\*These requirements pertain to scholarship eligibility only, not to University admission requirements.*

You may obtain FIRST scholarship applications or any other Drexel University application materials by e-mailing the Scholarship Coordinator in the Office of Undergraduate Admission ([rdf22@drexel.edu](mailto:rdf22@drexel.edu)).

Completed applications, including FIRST application/essay, Drexel University Application for Admission, Transcript, and SAT/ACT/PSAT scores, must be received no later than March 1, 2004.

Return all of the above, required materials together. If not possible, address individual submissions to:

Attn: Robert Forest, Office of Undergraduate Admission      Phone: 1.800.2.Drexel, 215.895.6722

Drexel University

Fax: 215.895.5939

3141 Chestnut Street, Philadelphia, PA 19104

E-mail: [rdf22@drexel.edu](mailto:rdf22@drexel.edu)

Website: [www.drexel.edu](http://www.drexel.edu)

## 12.8.4 FIRST Robotics Scholarship Application: Drexel University

### Personal Information

Name \_\_\_\_\_ Team Number \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone ( \_\_\_\_ ) \_\_\_\_\_ Social Security Number \_\_\_\_\_

High School \_\_\_\_\_

E-Mail \_\_\_\_\_

Intended Major \_\_\_\_\_

***Please attach a resume and an essay, 500 words or less, highlighting your FIRST involvement, co-curricular activities, and any academic honors.***

In addition to this form, scholarship applicants must also submit a complete application for Undergraduate Admissions including official or unofficial high school transcripts, two letters of recommendation, and results of all SAT/ACT scores by March 1, 2004. Students may submit PSAT scores for the SAT/ACT if you have not taken them yet. Scholarship winners will be notified by April 15-17, 2004.

Please direct all questions and scholarship materials to:

Undergraduate Admissions

Drexel University

3141 Chestnut Street

Philadelphia, PA 19104

ATTN: Robert Forest

Phone: 215.895.6722

800.2DREXEL

Fax: 215.895.5939

E-mail: [rdf22@drexel.edu](mailto:rdf22@drexel.edu)

Website: [www.drexel.edu](http://www.drexel.edu)



## **12.9 DURHAM COLLEGE SCHOLARSHIP**

### **12.9.1 Description**

In partnership with FIRST, Durham College is pleased to award one \$3000 (Canadian funds) non-renewable entrance scholarship for September 2004. The scholarship is to recognize and reward students whose experience with FIRST has inspired an interest in pursuing a career in the technological sector.

### **12.9.2 Eligibility**

The award is available to students in their final year of high school, who have been active on a FIRST team in that final year, and are applying to a technology program at Durham College.

### **12.9.3 Application Criteria**

The candidate must meet the regular academic requirements for admission to Durham College, and the successful candidate will be selected based on the merit of his/her application. Interested students must submit the following materials in one packet:

- Complete the application form on the next page
- Submit a letter detailing his/her involvement in the FIRST program. (Resume)
- Submit a reference letter from an adult mentor or teacher involved in her/his FIRST team.

### **12.9.4 Application Contact Information**

Send scholarship applications to the following address:

Margaret Scott

Re: FIRST Scholarship-Durham College

Dean, Schools of Applied Sciences and Technology

Durham College

2000 Simcoe St. N

Oshawa, Ontario L1H 7K4

Canada

### **12.9.5 Submission Deadline**

All Scholarship applications must arrive by 1 March 2004.

### **12.9.6 About Durham College**

Durham College is located in North Oshawa, 1 hour east of Toronto. Graduates have an 90.2 per cent employment rate and Durham College is the first Ontario college to guarantee their graduates' skills to employers.

For most of the past decade, Durham College has also been the fastest-growing college in Ontario. This distinction is due to a number of factors, including our dedication to providing the top-drawer education that students and employers demand.

For more information please refer to: [www.durhamc.on.ca](http://www.durhamc.on.ca)



### 12.9.7 FIRST Scholarship Application Form

---

Last Name

---

First Name

---

Middle Name(s)

---

Durham College Student Number or OCAS Number

---

Social Insurance Number

---

Apt or Unit #

---

Street Address (while attending school)

---

City

---

Province

---

(       )

---

Postal Code

---

Home Telephone Number

---

(       )

---

High School & City

---

High School Telephone Number

Please check one of the following:

☐

Canadian Citizen

☐

Landed Immigrant

☐

Other

If other, please explain:

---

Name of Program pursued at Durham College

---

Mentor or teacher providing reference letter (signature required)

## **12.10 FLORIDA INSTITUTE OF TECHNOLOGY SCHOLARSHIPS**

### **(15)**

In concordance with and in support of the FIRST mission, Florida Tech encourages students to pursue their education in the fields of engineering and science. The University is proud to offer an unlimited number of Florida Tech FIRST Trustee Scholarships, each having a 4-year value of \$40,000(\$10,000 per year).

#### **12.10.1 Requirements/Deadline**

High school seniors who are actively involved in a competing FIRST team during their senior year of high school and who have been admitted to Florida Institute of Technology on or before March 1, 2004 will be automatically considered for these awards. Recipients may enroll in any course of study at the university. An experiential essay is required with the application for admission. It is strongly recommended that applicants for the Florida Tech FIRST Trustee Scholarship use this essay to describe their involvement in the FIRST competition, how that experience has enhanced their education, and the influence the competition has had on their life and career choice.

A minimum of one letter of recommendation, from an adult leader on the applicant's FIRST team, is required; additional letters are expected so the applicant will receive full scholarship consideration.

#### **12.10.2 Application Contact Information**

Contact the Office of Admission for application materials and information at 1-800-888-4348 or at [admissions@fit.edu](mailto:admissions@fit.edu). Apply on line and learn more about admission and financial aid at <http://www.fit.edu/ProsStud/undergrad/>. Learn more about Florida Tech at [www.fit.edu](http://www.fit.edu).

#### **12.10.3 Why Florida Tech?**

Since 1958, Florida Institute of Technology was originally founded to provide continuing education to scientists, engineers, and technicians at what is now NASA's Kennedy Space Center. Today, the university maintains those close ties, and offers more than fifty degree programs in science, engineering, aviation, business, humanities, psychology, communication, and education. With world-class facilities, a 12:1 student to faculty ratio, and an average class size of 25, Florida Tech will provide you with an experience like no other.

#### **12.10.4 University Quick Facts**

Florida Tech has an undergraduate student body of 2,300, a 20% international population from ninety (90) countries, has a thirty percent women and five percent minority students.

Florida Tech participates in the FIRST Robotics competition as part of the Brevard FIRST Team, Team Voltage.

Florida Tech offers forty-four undergraduate majors in science and engineering fields: Noted degree programs, such as one of the top ten Marine Biology and Ocean Engineering programs in the nation and third largest aviation school in the U.S., and specialized degree programs found in very few universities, such as Software Engineering, Astrophysics, Genetic Engineering, Aquaculture, Aerospace Engineering, Forensic Psychology, and more!

A beautiful campus located on Florida's Space Coast—the "high tech" capital of the state. We are minutes from beautiful, clean, and uncrowded beaches that offer every water sport available, with an average annual temperature of seventy degrees and only an hour's drive from the Kennedy Space Center (NASA) and Disney attractions.

Ninety-eight percent of Florida Tech students are working in their major or are in graduate school within six months of graduation. Sixty percent of working grads have a starting salary of more than \$40,000 per year. Florida Tech has an active student life with over ninety-five different clubs and organizations affording you the opportunity to build friendships that will last a lifetime.

## **12.11 GRAND VALLEY STATE U. ENGINEERING SCHOLARSHIP**

The Padnos School of Engineering at Grand Valley State University has established a merit based engineering scholarship to recognize the achievements of FIRST Robotics Competition participants. This renewable scholarship will provide a \$16,000 award, \$4000 per year, renewable for three additional years, for study in the Padnos School of Engineering at Grand Valley.

### **12.11.1 About Grand Valley State University**

Grand Valley State University is a comprehensive public university of approximately 21,000 students serving West Michigan. With three campuses in Allendale, Grand Rapids, and Holland, Michigan, GVSU is located in an area with a strong manufacturing flavor. All students in the Padnos School of Engineering participate in an integrated cooperative education program. GVSU offers an ABET accredited Bachelor of Science in Engineering with mechanical, electrical, manufacturing, computer and interdisciplinary emphases.

### **12.11.2 Scholarship Criteria**

To be eligible, a student must:

- 1) Apply for admission to Grand Valley State University prior to February 1
- 2) Have participated in the FIRST Robotics Competition
- 3) Have a cumulative GPA of 3.3 or better in high school
- 4) An ACT composite of at least 26
- 5) At least 6 units of high school math and science.

The Engineering Scholarship Committee will select a recipient from those students who meet the above qualifications and who have been admitted to the University. Awards will be announced by the end of March. The scholarship is renewable on an annual basis providing the recipient maintains the following level of scholarship:

- 1) Is enrolled in engineering and carries a minimum of 15 credits each semester
- 2) Maintains a minimum 3.00 GPA
- 3) Successfully completes the engineering requirements for each academic year.

The Engineering Scholarship Committee monitors each recipient's progress and notifies the Financial Aid Office of award renewal.

### **12.11.3 Application Deadline**

Apply for admission prior to February 1, 2004.

### **12.11.4 Contact Information**

If you would like to apply for a FIRST Engineering Scholarship, please complete the application on the next page and return it to:

Grand Valley State University  
Seymour & Esther Padnos School of Engineering  
Engineering Scholarship Committee  
301 W. Fulton, Suite 718  
Grand Rapids, Michigan 49504

Phone (616) 331-6750

Fax (616) 331-7215

Web: <http://engineer.gvsu.edu/>

## 12.11.5 Application for GSVU FIRST Engineering Scholarship

### **Instructions**

Please complete the information below. The Engineering Scholarship Committee will use this along with other information in making its decision. Please return this form prior to February 1.

1. Name \_\_\_\_\_ Social Security # \_\_\_\_\_

2. Address \_\_\_\_\_  
Street Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

3. E-mail Address \_\_\_\_\_

4. Present High School \_\_\_\_\_

5. Date of expected high school graduation \_\_\_\_\_

6. List all mathematics and science classes taken in high school (grades 9 – 12).

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---

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7. List your extra-curricular activities and how you participated in them.

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8. Attach to your application, or have sent separately, a letter of recommendation from one of the sponsors of the FIRST Robotics team on which you worked. This letter should address your level of participation and your likelihood to succeed in an engineering career.

9. ESSAY: Please attach a typed essay written about yourself and your interest in engineering. Also, discuss your participation in the FIRST Robotics competition, including the name and location of your team and the name of your sponsoring organization. Help the Engineering Scholarship Committee understand your uniqueness and see you as a person, as a student, and as a future member of the engineering profession. To accomplish this, it would be best if you wrote in the first person. Remember that the Committee will read many essays, and you must make them understand why you should receive a scholarship. Your essay will weigh heavily in their decision. By signing this application, you have testified that the essay is your work alone.

Signature \_\_\_\_\_ Date \_\_\_\_\_



## **12.12 HAMPSHIRE COLLEGE INNOVATOR'S SCHOLARSHIP**

Hampshire College will award one \$5,000 per year renewable merit scholarship (valued at \$20,000) to a FIRST team member who enrolls at Hampshire College. The scholarship winner may also apply for need-based financial aid from Hampshire.

This scholarship is based on the notion that true innovation involves interdisciplinary thinking and collaborative teamwork. It also promotes the belief that creativity, discovery, and invention can and should be directed to improve human living conditions. It espouses the ideals of sustainable development and positive social values.

### **12.12.1 Application Criteria**

To compete for this scholarship, students must:

- Be an active junior or senior year FIRST team member at any secondary school
- Submit a Hampshire College Innovator's Scholarship Application by March 1, 2004.

To receive the scholarship, the winner must:

- Apply for admission to Hampshire College before February 1<sup>st</sup> of the year in which he or she plans to enroll
- Be admitted to and attend Hampshire College
- Maintain satisfactory academic progress

### **12.12.2 Application Deadline**

Admission to the college by February 1, 2004 and submit scholarship application by March 1, 2004

### **12.12.3 Contact Information**

Director of Admissions  
Hampshire College  
Amherst, MA 01002  
413 559-4571 or 877 937-4267 (toll free)  
[admissions@hampshire.edu](mailto:admissions@hampshire.edu)  
[www.hampshire.edu](http://www.hampshire.edu)

### **12.12.4 About Hampshire**

Hampshire College, a four-year private liberal arts college located in Amherst, Massachusetts attracts students who take substantial responsibility for directing their education. Working closely with faculty, students design individualized programs of study comprising courses, independent projects, and internships or field study, culminating in a significant creative, scientific, or academic project.

Hampshire's motto, To Know is Not Enough reflects its commitment to rigorous education that goes beyond the classroom and puts learning to good use in the world. Hampshire's national reputation for excellence rests in its distinctive, contract-based academic system, where each student's progress is measured through narrative evaluations by faculty instead of grades.

Hampshire supports student research and innovation through its Lemelson Assistive Technology Development Center, machine shop prototyping facility, courses in applied design and invention, extensive digital media design equipment and programs, aquaculture facility, environmental studies and sustainability program, and some of the very best chemistry instrumentation available at any liberal arts college in the United States.

Hampshire makes more than 10 million dollars in financial aid available annually to its student body of 1,200.

## 12.12.5 Hampshire College Innovator's Scholarship Application

Name \_\_\_\_\_  
Last First Middle

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_  
Area code Number

Email address \_\_\_\_\_

School attended \_\_\_\_\_

Year you will graduate \_\_\_\_\_

Academic interests \_\_\_\_\_

Please submit the following:

- High School Transcript (Your school counselor must mail us an official copy.)
- One to two page essay that addresses *each* of the following three questions:
  - 1) Describe the role of collaboration in your FIRST team's robot design and development. What was the best part of working as a team? What was challenging about working as a team? How did your different team members contribute their unique knowledge?
  - 2) If you could rebuild your team's robot so that it helps someone with a disability, what would it look like? What would it do? How would it help someone? Feel free to attach sketches, drawings, or computer-aided renderings of your ideas.
  - 3) If you were developing a team to create the robot described above in question two, what various areas of knowledge would you want your team members to have, and why?

### Submit all materials to:

Innovator's Scholarship Committee  
Admissions Office  
Hampshire College  
Amherst, MA 01002

## **12.13 HOWARD UNIVERSITY - FIRST SCHOLARSHIP**

FIRST is honored to count Howard University as a new scholarship partner. Howard University is a research-oriented, historically Black university providing an educational experience of exceptional quality to students of high academic potential with particular emphasis upon the provision of educational opportunities to promising Black students. The University is committed to the development of distinguished and compassionate graduates and to the quest for solutions to human and social problems in the United States and throughout the world.

### **12.13.1 Scholarship Description / Requirements**

Howard University will award one tuition scholarship, renewable for each year of undergraduate study (valued at close to \$11,000 per year) to a high school senior who is an active FIRST team participant. Applicants must be capable of meeting Howard's admission requirements and must chose a major in the College of Engineering, Architecture and Computer Science. Applicants must demonstrate strong personal motivation and consistent academic growth and achievement. The scholarship recipient must maintain a satisfactory academic record while enrolled at Howard University in order to maintain the award.

### **12.13.2 Submission Criteria/Contact Information**

Applicants must submit the following:

- Admissions application for Howard University, available at [www.howard.edu](http://www.howard.edu).
- A 2-3 page essay explaining your achievements and experience as a member of your FIRST team.
- A letter of recommendation from an adult leader of your FIRST team.

### **12.13.3 Application Submission Deadline**

Howard University's admission materials and FIRST scholarship application materials must arrive at the address below by February 15, 2004.

### **12.13.4 Scholarship Contact Information**

Please send completed application materials to:

Ms. Jean-Louise Turner  
Program Coordinator  
Howard University  
College of Engineering, Architecture and Computer Science  
2300 6th Street, NW  
Washington, DC 20059

Tel: (202) 806-5524  
Email: [J\\_Turner@howard.edu](mailto:J_Turner@howard.edu)

### **12.13.5 About Howard University**

Howard University is a private institution founded in 1867 by an Act of the United States Congress. Its reputation as a University with international stature, moral leadership, and academic diversity is deeply embedded in the nature and fabric of its 136 years of existence. It is the only comprehensive, predominantly black instruction of higher education in the world. As the world's largest university with a predominantly African American enrollment, Howard University consistently ranks in the top one percent of major colleges and universities, recruiting the highest number of National Achievement Scholarship recipients.

What is it like to be a student at Howard? Imagine bringing together twelve thousand of the brightest, most interesting students you might ever hope to meet from throughout the United States and roughly one hundred other countries around the world. Put them in an environment that encourages independent thought and open debate. Introduce them to a world-class faculty. Give them time to get to know each other and discover shared interests and goals. And offer them access to whatever experts, technologies, meeting spaces, library materials, and cultural resources they need. That's what it is like to be a student at Howard.



If you are a high-achieving student, we will offer you educational and professional opportunities without boundaries. On the other hand, if you are simply a reasonably good student who shows promise of coming into your own in college, you will find programs at Howard to help you realize your full potential.

### **12.13.6 About the College of Engineering, Architecture and Computer Science**

The College of Engineering, Architecture and Computer Sciences (CEACS) is one of Howard University's 12 schools and colleges. CEACS is composed of the School of Engineering and Computer Sciences and the School of Architecture and Design.

The CEACS is home to six academic departments offering accredited undergraduate, graduate, and professional programs. The departments include Architecture; Chemical, Civil, Electrical and Computer Engineering, and Mechanical Engineering; and Systems and Computer Science.

Our graduates are skilled in creative design and the application of technological and scientific solutions to complex and challenging problems, interpersonal relations, teamwork, critical thinking and leadership.

“We give our students the world by design.”

## **12.14 ILLINOIS INSTITUTE OF TECHNOLOGY/ FIRST SCHOLARSHIPS (3)**

In partnership, Illinois Institute of Technology and FIRST have established a merit-based scholarship program for current high school seniors who have actively been involved on a competing FIRST team and who would like to attend IIT. In order for the selected students to receive these scholarship awards, they must enroll as a full-time student in an undergraduate program of study at IIT. Illinois Institute of Technology has outstanding academic programs in various diverse fields of study and offers honors programs in medicine, research, pharmacy, and law.

### **12.14.1 Scholarship Description**

IIT will award at least three annual merit-based scholarships to active FIRST team members. These scholarships are valued at \$6,000 per year for four years of study to current high school seniors in the USA. Each student who applies for a scholarship must meet the requirements outlined below as well as the requirements necessary for scholarship retention. This scholarship may not be combined with any other IIT merit scholarship. Students may apply for additional need-based financial aid offered by IIT.

### **12.14.2 Application Submission Requirements**

High school GPA must be 3.2/4.0 or above

Minimum SAT score of 1180 or minimum ACT score of 26

Complete and submit the following:

- Letter of nomination from FIRST adult team leader Completed IIT application for undergraduate admission (Application is free, online at [www.iit.edu](http://www.iit.edu))
- Essay
- Teacher/counselor recommendation
- Official high school transcripts

### **12.14.3 Application Submission Deadline**

- Application materials must be received by the IIT Office of Admission no later than March 1, 2004

### **12.14.4 Submission/Contact Information**

You may obtain application materials from the Office of Admission by calling 312.567.3025 or 800.448.2329 (outside Chicago) or by emailing [admission@iit.edu](mailto:admission@iit.edu). You may also access the IIT Application for Undergraduate Admission online at <http://www.iit.edu/~apply>.

Office of Admission

Illinois Institute of Technology

10 W. 33rd Street

Perlstein Hall, Room 101

Chicago, IL 60616

### **12.14.5 Application Submission Deadline**

The Office of Admission must receive all application materials no later than March 1, 2004.

### **12.14.6 About Illinois Institute of Technology**

IIT is a private, Ph.D.granting technological university located in Chicago – one of the largest, most vibrant and culturally diverse cities in the world. IIT and its graduates have impacted the world dramatically, including invention of the cell phone, magnetic tape, the satellite dish, surgical stapler, Silly Putty, Pop-Tarts, and remote access through touch-tone technology among other accomplishments. Undergraduate students are actively involved in cutting edge research and get “hands on” in their respective fields of study. Visit our website and learn about the “5 Compelling Reasons” to consider IIT.

## **12.15 KANSAS STATE UNIVERSITY FIRST SCHOLARSHIP**

Working in partnership with FIRST, the College of Engineering at Kansas State University will award a \$3000-per-year merit scholarship, renewable annually for a total of four years to a student who is enrolled full time in the College of Engineering and who maintains a cumulative Kansas State University GPA of 3.50 on a 4.00 scale.

### **12.15.1 Scholarship Criteria**

The College of Engineering Scholarship Committee will determine the selection. Criteria for this award will include the following:

- Active participation in a FIRST robotics competition team.
- Personal statement demonstrating a keen interest in pursuing an engineering or computer science degree.
- Outstanding academic credentials (at least 3.80 high school GPA, a composite ACT score greater than or equal to 29 (or SAT of 1280).
- Two reference letters addressing applicant's leadership skills, extracurricular involvement, and potential for success in an engineering or computer science discipline.

### **12.15.2 Scholarship Application Process**

The recipient may be eligible for other Kansas State University and/or College of Engineering scholarships and should complete the scholarship application found at this site ([www.ksu.edu/sfa](http://www.ksu.edu/sfa)).

- Applicants must complete a Kansas State University Application for Admission. Use the Web ([www.ksu.edu/admit](http://www.ksu.edu/admit)).
- Applicants must send, assembled in one envelope, a copy of their high school transcript, a list of senior classes, a personal statement, SAT or ACT scores, and two reference letters.

### **12.15.3 Application Deadline**

Deadline for application for the FIRST Scholarship, including personal statement and reference letters, is February 15, 2004. The award decision will be made by April 1, 2004.

### **12.15.4 Scholarship Contact Information**

Send the above-mentioned application materials to:  
FIRST Scholarship, Attn: Dr. Richard R. Gallagher  
1046 Rathbone Hall  
College of Engineering  
Kansas State University  
Manhattan, KS 66506-5201

E-mail: [rrgllghr@ksu.edu](mailto:rrgllghr@ksu.edu)

Phone: (785) 532-5590

Website: [www.engineering.ksu.edu](http://www.engineering.ksu.edu)

## 12.15.5 About Kansas State University College of Engineering

The award-winning Kansas State University College of Engineering is the largest and most comprehensive engineering college in the state, with an enrollment of approximately 2800 undergraduate and 450 graduate students.

The mission of the Kansas State University College of Engineering is to provide the following:

- An educational environment where students can reach their full potential in their chosen discipline and as persons.
- A world-class research and scholarly environment where the talents of faculty members and students are developed and used to generate new knowledge and technology for the benefit of society.
- An effective outreach program that accelerates the adoption of technology and extends educational opportunities for practicing professionals in Kansas, the nation, and the world.

The college offers the following 11 Bachelor of Science degree programs and many additional options in the individual departments:

- Architectural Engineering
- Biological and Agricultural Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Construction Science and Management
- Electrical Engineering
- Industrial Engineering
- Information Systems
- Mechanical Engineering

All degree programs are nationally accredited with many students gaining professional and international experiences prior to graduation.

The College of Engineering is rich in tradition with a history extending for more than 100 years. In 2000, the Fiedler Hall addition was completed—a state-of-the-art facility that increased the size of the Engineering Complex by 75,000 square feet. Fiedler Hall houses the department of Civil Engineering, additional computer laboratories, a high-tech library, a state-of-the-science advanced technology classroom, and a multi-media auditorium.

A course of study leading to a degree in the College of Engineering provides a well-rounded university education and equips students with a broad theoretical and practical background to meet the new and demanding problems of our technological society. Engineering education at Kansas State is practice-oriented while firmly rooted in fundamentals, learning-based, integrative, and holistic.

## 12.16 KETTERING UNIVERSITY SCHOLARSHIPS (6)

FIRST and Kettering University constitute a great team! The very hands-on engineering and technical experiences learned while competing in FIRST are skills you can build on as an undergraduate student at Kettering. As a Kettering student you will work side by side with engineers and technical experts developing work skills and earning substantial wages to cover a portion of your educational expenses.

Kettering University is America's premiere professional cooperative education university. Many of the companies sponsoring FIRST teams, such as Johnson & Johnson, Delphi Automotive, and General Motors also employ Kettering students. At graduation, Kettering students have up to 2.5 years of corporate experience and a significant start on their careers.

### 12.16.1 Scholarship Description

In partnership with FIRST, Kettering University formerly GMI Engineering & Management Institute, will award up to six (6) merit based scholarships with a four year value of \$20,000.

### 12.16.2 Scholarship Criteria/Requirements

- Apply for admission to Kettering University ([www.admissions.kettering.edu/apply](http://www.admissions.kettering.edu/apply)) and be admitted by March 8, 2004
- Be actively involved on a competing FIRST team in your senior year of high school.

Also submit the following:

- Two letters of recommendation (at least one must be from the adult leader of your FIRST team)
- One page essay describing your involvement in FIRST and what you gained from the experience.

### 12.16.3 Deadline

Apply for admission to Kettering University and the FIRST Scholarship by March 8, 2004.

([www.admissions.kettering.edu/apply](http://www.admissions.kettering.edu/apply))

### 12.16.4 Contact Information

Submit all paperwork to:

Kettering University

Office of Financial Aid & Scholarships

1700 W. Third Avenue

Flint, MI 48504

For additional scholarship info call toll-free 800-955-4464 ext.7859

For admissions info call toll-free 800-955-4464 ext. 7865 or visit the web at [www.admissions.kettering.edu](http://www.admissions.kettering.edu)

### 12.16.5 About Kettering University

**Founded:** In 1919 by General Motors Corporation, became independent in 1982. Became Kettering University in 1998.

**Students:** 2,400 undergraduate students, 18% women, 12% minorities, 46 states and 15 countries represented

**Faculty:** More than 130 full-time faculty 80% with terminal degrees and most with industry experience.

**Degrees:** Computer, Electrical, Industrial and Mechanical Engineering. Applied Math, Applied Physics, Environmental Chemistry, Computer Science and Management

## 12.17 LAWRENCE TECHNOLOGICAL U. / FIRST SCHOLARSHIP

Lawrence Technological University and FIRST now offer a scholarship intended to introduce students to the many rewards that science and technology offer. This scholarship is one tangible example of a benefit that can be gained through a student's participation and effort in the FIRST program. More importantly, it highlights a key role academic institutions can play in continuing the demand for excellence in science and technology created through the student, teacher, academic institution, and corporation partnership.

### 12.17.1 Scholarship Description/Requirements

LTU will award a \$12,000, four-year undergraduate scholarship (valued at \$48,000) to a FIRST team student participant. This year, each team participating in the 2004 FIRST Robotics Competition may nominate one of its student members for the LTU FIRST Scholarship. The candidate must be in her/his junior or senior year of high school and be an active FIRST team member. An adult team leader will submit a letter of nomination to accompany the candidate's LTU Admissions Application form. Students nominated by their teams must be capable of meeting normal LTU admissions requirements, have demonstrated enthusiasm for engineering and science, and possess the ability and innovation necessary to excel as an engineer or scientist. The winning student must maintain satisfactory academic progress at LTU to maintain the award.

### 12.17.2 Submission Information Criteria

Complete and submit the following materials to the Admissions office at LTU:

- Letter of Nomination from adult team leader
- Application materials for admission to LTU
- A presentation\* produced by the applicant that describes one or more of the **Design Innovations** in his/her team's robot, as well as one or more of the following issues:
  1. The importance of teamwork in developing the team's robot
  2. How the team demonstrates sportsmanship
  3. How the team builds spirit

(\*Optional format, e.g., videotape, electronic presentation, paper, etc.--no greater than two pages or five minutes in length)

### 12.17.3 Submission Deadline

All nominations with completed applications must be received by LTU admissions by March 1, 2004. They will be reviewed by the Scholarship Committee at LTU in time for the scholarship winner to be announced at the Championship event in April.

### 12.17.4 Address/Contact Information

Nominated students interested in this scholarship should write to LTU for admissions material. Request an application for the LTU FIRST Scholarship.

Lawrence Technological University  
Admissions Office  
21000 West Ten Mile Road  
Southfield, MI 48075-1058  
Attn: Scholarship Committee

Phone: 248-204-3160  
e-mail: [admissions@ltu.edu](mailto:admissions@ltu.edu)  
Web site: <http://www.ltu.edu>

### 12.17.5 About LTU

With an enrollment of nearly 5,000 students, Lawrence Technological University is among Michigan's largest independent universities. The University offers more than 40 academic programs at the associate, baccalaureate, and graduate degree levels through Colleges of Architecture and Design, Arts and Sciences, Engineering, and Management. The University's full service 115-acre campus in Southfield offers a complete

range of modern academic, residential, and recreational facilities along with plenty of free parking. Lawrence Tech was founded in 1932.

**Fast Facts:**

- ◆ Qualified professionals lead classes at Lawrence Tech, not teaching assistants.
- ◆ Lawrence Tech is one of the nation's first universities to serve the special needs of adult learners.
- ◆ Within a year of graduation, some 97 percent of Lawrence Tech students find positions that match their academic preparation.
- ◆ Lawrence Tech ranks in the top third of universities nationwide that graduate the leaders of America's most successful companies. - *Standard & Poor's*
- ◆ Lawrence Tech is number one in its class as a provider of the most sought-after employees in Southeast Michigan.
- ◆ Lawrence Tech graduates, on average, earn more than those from other schools. - ACT

## **12.18 MICHIGAN TECHNOLOGICAL UNIVERSITY FIRST-GUIDE PROGRAM SCHOLARSHIP**

Michigan Technological University is pleased to offer a scholarship through the FIRST Program in conjunction with MTU's GUIDE Mentoring/Scholarship Program, sponsored by the National Science Foundation. The GUIDE program was developed based on the latest research related to student success. The primary goal for the GUIDE program is to have engineering students in underrepresented groups succeed academically in their first two years of study.

### **12.18.1 Scholarship Description and Benefits**

This two-year program provides peer mentors, academic and career development workshops, together with a maximum of \$2,500 per year scholarship. To accomplish this goal, undergraduate participants will:

- Form a learning community within their peer group at Michigan Tech
- Become familiar with the various on-campus academic resources and learning centers
- Gain exposure to various career paths available to people with engineering degrees
- Meet and interact with faculty representatives from the engineering departments on campus
- Prepare a resumé and become informed about finding, applying for, and interviewing for co-op and internship positions

In order to assure student success, GUIDE program participants will meet regularly with their undergraduate and graduate student mentor and program advisor. Students will also attend and participate in academic and career development seminars. In addition, GUIDE participants may continue with the program for a second year. The second year of participation includes mentor training, mentoring an incoming GUIDE student and a second year of scholarship funding. The scholarship recipient will be announced at the FIRST Robotics Championship in April 2004.

### **12.18.2 Scholarship Requirements**

If you are interested in applying, please fill out the attached application form and return it along with your high school transcript, letters of reference, and essay. To be eligible for this scholarship you must meet the following requirements:

- Must be from an underrepresented group in engineering
- Must be a U.S. citizen or a permanent resident of the U.S.
- Must be a high school senior planning to pursue an undergraduate degree in engineering at MTU and currently actively participating on a FIRST team.
- Must be enrolled as regular, full-time undergraduate student in the College of Engineering at MTU in her/his first two years of college. There are no restrictions as to Engineering Major.
- Must demonstrate financial need by filling out the Free Application for Federal Student Aid (FAFSA) with the federal processor.
- Must meet the regular admission criteria for the university and must be admitted to the university by March 01, 2004 to be considered for the scholarship. Applications for admission are available through the Office of Admissions.



### **12.18.3 Scholarship Submission Criteria**

Include the following with your application:

- Please attach two letters of recommendation to the application form.  
(One letter must be from an adult leader on the applicant's FIRST team.)
- In one page or less, write an essay addressing these points:
  1. Describe your involvement in the FIRST program and what the experience meant to you
  2. Why do you want to be in the GUIDE Program?
  3. How do you think the GUIDE Program will benefit you?
  4. How have your previous activities prepared you to be a mentor?

### **12.18.4 Application Deadline / Contact Information**

Submit Application materials to the following address no later than March 1, 2004.

Dr. Gretchen L. Hein  
MTU FIRST-GUIDE Scholarship  
GUIDE Coordinator  
Department of Engineering Fundamentals  
Michigan Technological University  
1400 Townsend Drive  
Houghton, MI 49931-1295



Michigan Technological University  
FIRST – GUIDE Program Scholarship

### 12.18.5 2004-2005 Application Form

**APPLICATION PROCEDURE:** Please complete the information below and return this form to Dr. Gretchen Hein at the address shown on the previous page, no later than **March 1, 2004**:

**Name:** \_\_\_\_\_ **E-Mail:** \_\_\_\_\_

**Home Address:** \_\_\_\_\_

**Phone Number:** \_\_ (\_\_\_\_) \_\_\_\_\_ **Social Security #:** \_\_\_\_\_

**Birth Date (Day/Month/Year):** \_\_\_\_ / \_\_\_\_ / \_\_\_\_ **High School GPA:** \_\_\_\_\_ out of \_\_\_\_\_

(Please attach a copy of your high school transcript to this form).

**BS Major:** \_\_\_\_\_

**Expected date of graduation from MTU:** \_\_\_\_\_

**Reference (High School Teacher or Guidance Counselor):**

**Name:** \_\_\_\_\_ **Phone: (\_\_\_\_) \_\_\_\_\_**

**Please indicate below your participation in high school activities and community service. Indicate where you held positions of leadership and/or mentorship:**

Activity	Years Active	Describe Level of Participation
_____		
_____		
_____		
_____		

Please attach two letters of recommendation, one of which must be from an adult leader on the applicant's FIRST team. Also in one page or less, write an essay addressing these points:  
Describe your involvement in the FIRST program and what the experience meant to you  
Why do you want to be in the GUIDE Program?  
How do you think the GUIDE Program will benefit you?  
How have your previous activities prepared you to be a mentor?

## **12.19 NEW JERSEY INSTITUTE OF TECHNOLOGY SCHOLARSHIPS (5)**

In partnership with FIRST, New Jersey Institute of Technology (NJIT) has established five scholarships to benefit deserving Newark, New Jersey students who have participated on a FIRST team during their high school years and who would like to attend NJIT. The students may enroll in any course of study at NJIT.

### **12.19.1 Scholarship Description**

NJIT will award up to five (5) merit scholarships to selected Newark high school seniors who have been members of a FIRST team at their high schools. Recipients of this award will receive a scholarship, each having a four-year value of up to \$10,000. The student must meet the academic requirements for admission to NJIT as well as meeting requirements for scholarship retention. Students must apply for need-based aid through the Free Application for Federal Student Aid (FAFSA).

### **12.19.2 Submission Requirements**

To apply for the NJIT FIRST Scholarship, you will need the following:

5. The regular application materials for admission to NJIT. (NJIT will waive the \$35.00 application fee for FIRST scholarship applicants.)
6. Two recommendation letters, one from a high school teacher and one from an adult leader on your FIRST team.
7. A 300 to 500 word essay relating to your FIRST experience.

### **12.19.3 Submission Deadline**

NJIT must receive submissions no later than April 1, 2004.

### **12.19.4 Submission Contact Information**

For more information or to request an admission application package, please contact:

Office of Undergraduate Admissions  
NJIT  
University Heights  
Newark, New Jersey 07102

www.njit.edu  
E-mail: [admissions@njit.edu](mailto:admissions@njit.edu)  
1-800-925-NJIT

### **12.19.5 About NJIT:**

NJIT is a public, scientific and technological research university enrolling more than 8,800 students. The university offers bachelor, master, and doctoral degrees to students in eighty (80) degree programs throughout its six (6) colleges: Newark College of Engineering, New Jersey School of Architecture, College of Science and Liberal Arts, School of Management, Albert Dorman Honors College, and College of Computing Sciences.

The Division of Continuing Professional Education offers adults eLearning, off campus degrees, and short courses. Expertise and research initiatives include architecture and building science, applied mathematics, biomedical engineering, environmental engineering and science, information technology, manufacturing, materials, microelectronics, multimedia, telecommunications, transportation and solar astrophysics. *Yahoo! Internet Life* magazine cites NJIT as a “perennially most wired” university.

## 12.20 NORTHEASTERN UNIVERSITY SCHOLARSHIP

The mission of FIRST is to expose and attract new students to the fields of engineering and science--a necessity of critical, national importance. This mission is significantly aligned with that of Northeastern University (NU) in Boston. The NU College of Engineering is proud to be a participant in FIRST and to offer a full-tuition, fully renewable scholarship to a high school senior who has participated in a FIRST team.

### 12.20.1 Scholarship Description

Northeastern University's College of Engineering will award a full-tuition, merit-based scholarship for an undergraduate degree in any engineering discipline. This scholarship is available to any eligible high school senior who has participated in the FIRST program on any team. The recipient must meet the regular academic requirements for admission to the College of Engineering and scholarship retention as described in the university catalogue.

The scholarship recipient will be announced at the Championship and will renew automatically each year of her or his undergraduate degree (for a maximum of 8 semesters), contingent upon maintaining good academic standing in the College of Engineering, with at least a 3.000 cumulative grade point average and being a valuable contributor to the Northeastern FIRST Team.

### 12.20.2 Apply On Line

The Northeastern University FIRST Scholarship application is available at:

[https://www.coe.neu.edu/prospective/index.phtml?go=FIRST application.htm](https://www.coe.neu.edu/prospective/index.phtml?go=FIRST%20application.htm)

### 12.20.3 Scholarship Application Deadline:

Completed NUFIRST scholarship and admission applications must be received by March 3, 2004, however, to be eligible for the many other merit-based scholarships that Northeastern University offers, your complete admission application package must be received by January 1, 2004.

For more information about the NU FIRST scholarship, please contact:

David S. Navick, attn: NUFIRST Scholarship E-mail: [dnavick@coe.neu.edu](mailto:dnavick@coe.neu.edu)

Assistant Dean for Engineering Enrollment <http://www.coe.neu.edu/>

230 Snell Engineering Center

Northeastern University

360 Huntington Avenue

Boston MA 02115-5000

### 12.20.4 About Northeastern University

Located in the center of Boston's thriving educational and cultural community, students study with nationally recognized faculty in state-of-the-art facilities and have easy access to many recreational activities in the city and surrounding New England countryside. The College of Engineering is well known for the teaching and research of its faculty in the following departments and academic programs:

Mechanical, Industrial, & Manufacturing

Chemical Engineering

Electrical & Computer Engineering

School of Engineering Technology

Civil & Environmental Engineering

Outside the classroom, students benefit from a nationally recognized cooperative education program, a strong academic honors program, and numerous professional societies and student groups. As one of the oldest and largest co-op-based universities, students consistently report that they relate their course-work better to real-world applications, return to their studies with greater commitment, and often receive permanent job offers from former co-op employers. All engineering students also have the option to obtain a minor in business, mathematics, computer information systems, music, etc.

## **12.21 OHIO STATE UNIVERSITY SCHOLARSHIPS (5)**

The Ohio State University College of Engineering is proud to be a participant in FIRST and to offer up to five (5) \$1,000 fully renewable scholarships to high school seniors who have participated on a FIRST team.

### **12.21.1 Scholarship Description**

Ohio State University's College of Engineering will award up to five (5) merit-based scholarships for an undergraduate degree in any engineering discipline at the Columbus campus. This scholarship is available to any eligible high school senior who has participated in the FIRST program on any team. The recipient must meet the regular academic requirements for admission to the College of Engineering and scholarship retention as described in the university catalogue.

The scholarship recipient will be announced at the Championship. The scholarship will renew automatically each year of her or his undergraduate degree (for a maximum of 12 quarters), contingent upon maintaining good academic standing in the College of Engineering with at least a 3.20 cumulative grade point average.

### **12.21.2 Apply Online**

Students must complete the OSU Freshman Application Bulletin and the Walter H. Kidd/Engineering Deans Award application for consideration.

You can access these documents respectfully at:

<https://www.applyweb.com/aw?osu>

<http://www.eng.ohio-state.edu/prospective/paying/paying.html>

### **12.21.3 Scholarship Application Deadline**

Completed OSU/FIRST scholarship and admission applications must be received by February 2, 2004.

### **12.21.4 Contact Information**

For more information about the OSU/FIRST scholarship, please contact:

Dave Donley, Scholarship/Honors Coordinator

122 Hitchcock Hall

College of Engineering

2070 Neil Avenue

Columbus, OH 43210-1278

Phone: 614-292-7694

FAX: 614-292-9379

Donley.2@osu.edu

### **12.21.5 About The Ohio State University**

The Ohio State University is recognized throughout the nation and the world for its innovative programs, exceptional faculty, and state-of-the-art facilities. In fact, Ohio State is consistently ranked among the country's best institutions for overall academic reputation and has the top-ranked engineering school in the state of Ohio. Because Ohio State is a major teaching and research university, our students receive excellent preparation for entry into top graduate/professional programs and the job market.

Offering over 170 majors, with 16 in Engineering, and more than 10,500 courses, Ohio State allows students to tailor their education to their interests through double majors, minors, and personalized study programs.

With hundreds of student activities and organizations, the University also offers a diversity of extracurricular experiences to those who want to be involved.

## 12.22 OLIN COLLEGE OF ENGINEERING

In their admission process, Olin College recognizes and values the commitment of candidates who have participated in FIRST.

### 12.22.1 Description

Olin College offers full tuition scholarships to all admitted students, and will do so in perpetuity. Members of the incoming class of 2004 also receive room scholarships, bringing the total value of Olin's scholarship to over \$130,000.

#### **Submission Requirements**

Applicants to Olin College must apply online (<https://apply.olin.edu/>) by January 9, 2004. See our web site ([www.olin.edu](http://www.olin.edu)) for details of the admission process.

### 12.22.2 Criteria for Admission

Typically, strong candidates for admission have:

- Pursued honors and Advanced Placement classes throughout high school
- At least a 3.5 GPA or higher
- Earned standardized test scores in the top 5%
- Have developed a non-academic passion such as dance, athletics, community service, restoring old cars, theatre, singing, musical talents of all kinds, as examples
- An entrepreneurial spirit
- Solved problems, working with other people skills
- Demonstrated leadership skills

### 12.22.3 About Olin College of Engineering

Funded by the F.W. Olin Foundation in New York City, Olin College officially opened in fall 2002 with a mission to prepare technological leaders. The campus is a state-of-the-art facility located in Needham, Massachusetts, twelve miles west of Boston.

Olin College's curriculum integrates rigorous math, science and engineering, broad liberal arts with business and entrepreneurship. Our campus is located next to Babson College, one of the top business schools. Each graduate will receive a Bachelor of Science in Mechanical Engineering, Electrical and Computer Engineering, or General Engineering.

## **12.23 POLYTECHNIC UNIVERSITY FIRST SCHOLARSHIPS (5)**

Polytechnic University embraces the mission of FIRST, which exposes and attracts new students to the technology-focused fields of engineering and science--a necessity of critical national importance. Polytechnic University is also committed to this goal and applauds FIRST for its actions. Polytechnic University, therefore, is proud to be a participant in FIRST and to offer 5 partial-tuition, fully renewable scholarships in the amount of \$10,000 per year to 5 high school juniors/seniors who have participated on a FIRST team.

### **12.23.1 Scholarship Program Description**

Polytechnic University Office of Admissions will award five (5) partial-tuition, merit-based scholarships, each in the amount of \$10,000, toward an undergraduate degree in any of our undergraduate disciplines. This scholarship is available to any eligible high school junior/senior who has participated in the FIRST program on any team. The recipient must meet the regular academic requirements for undergraduate admission and scholarship to the University as described in the university catalogue.

The scholarship recipient will be announced at the Championship and will renew automatically each year of her or his undergraduate degree (for a maximum of four years), contingent upon maintaining good academic standing.

### **12.23.2 Application Package / Contact Information**

To request a scholarship application package, please contact the Polytechnic University's Office of Admissions at 1-800-POLYTECH, [tfaughna@poly.edu](mailto:tfaughna@poly.edu), or by writing to the scholarship submission address below.

### **12.23.3 Scholarship Program Requirements**

To apply for the Polytechnic University FIRST Scholarship, request the application package and submit the following materials to the Office of Admissions at Polytechnic University:

- The regular application materials for admission to Polytechnic University
- The Polytechnic FIRST Scholarship Application
- A letter of recommendation, completed by an adult leader on your FIRST team.

### **12.23.4 Scholarship Application Deadline:**

Completed Polytechnic/ FIRST scholarship and admission applications must be received at the address below by January 15, 2004.

Jonathan Wexler  
Dean of Undergraduate Admissions  
Polytechnic University  
6 MetroTech Center  
Brooklyn, NY 11201

E-mail: [jwexler@poly.edu](mailto:jwexler@poly.edu)

Phone: 718 260 3589

# Polytechnic University

Brooklyn, New York

## 12.23.5 FIRST Scholarship Application

*(For Inspiration and Recognition of Science and Technology)*

NOTE: In order to qualify scholarship, applicants must also submit a completed application for admission to Polytechnic University by January 15.

Please call 1-800-POLYTECH today, to request your application for admissions.

Ms./ Mr.

Last

First

Middle

Home Address: \_\_\_\_\_  
Street Apt. Number

City State Zip

Phone: ( ) \_\_\_\_\_ E-mail Address: \_\_\_\_\_  
Area Code Number

Social Security Number: \_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_

FIRST Team # : \_\_\_\_\_

Prospective Major: \_\_\_\_\_

High School: \_\_\_\_\_ Expected date of graduation: \_\_\_\_\_

Name of Guidance Counselor or College Counselor: \_\_\_\_\_

(Please Print)

Phone: ( ) \_\_\_\_\_ E-mail address: \_\_\_\_\_

I certify that the information supplied on this scholarship application is complete and accurate to the best of my knowledge.

Date: \_\_\_\_\_ Signature: \_\_\_\_\_



## **12.24 PURDUE UNIVERSITY / DELPHI CORPORATION SCHOLARSHIP**

### **12.24.1 About the Scholarship**

The Purdue University Schools of Engineering, with the generous assistance of Delphi Corporation, are pleased to announce a \$30,000 scholarship payable over 4 years to offset the costs of obtaining a Purdue baccalaureate degree in engineering. This scholarship will be awarded to a senior in high school who has participated at least one full season in high school with a FIRST robotics team. Interested students completing the scholarship application form, available from Purdue's Department of Freshman Engineering, will initiate consideration for the scholarship. Only students who are admitted to Purdue Schools of Engineering will be considered for the scholarship. Selection will be determined by a committee of faculty and staff appointed by the Dean of Engineering or designee.

Criteria that will weigh heavily in the selection of the Purdue University FIRST Scholar are as follows:

- Proven high school academic ability overall and in math and science in particular.
- Continuity and breadth of math and science preparation, AP courses are desirable.
- Quality performance on standardized college entrance exams (SAT and ACT).
- Active participation in extracurricular activities is of value, particularly exemplary leadership.
- Statement of interest in the field of engineering and the value of the FIRST experience.
- Two references from adult leaders: one from FIRST team adviser or practicing engineer and one from a teacher.

In addition to the scholarship, the student receiving this award may be offered a summer internship or Co-Op experience with Delphi Corporation in an engineering area of interest.

Payment of the award is contingent upon the selected student's successful matriculation into the engineering program at Purdue University acceptance into the engineering program. Students must initiate the process by application to the University. Continuation of the award is contingent on the student remaining in good academic standing with a GPA of at least 3.0 on a 4.0 scale and continuing undergraduate study in an engineering discipline within Purdue's Schools of Engineering.

### **12.24.2 Applications/ Deadlines / Contact Information**

Application materials are available online or from Purdue's Office of Admissions. The University will indicate acceptance by letter. Deadline for applications, including all letters of reference and personal statements, is February 1, 2004. The award decision will be made by March 1, 2004. Although the prospective recipient will be notified in March, the selected student will be recognized at the FIRST Championship in April.

Be sure to mention FIRST when requesting a Purdue University FIRST Scholarship application packet.

Contact:

Dr. John Gaunt  
Associate Head, Freshman Engineering  
Schools of Engineering  
Purdue University  
Engineering Administration Building, Room 212  
400 Centennial Mall Drive  
West Lafayette, IN 47907-2016

E-mail: [gaunt@ecn.purdue.edu](mailto:gaunt@ecn.purdue.edu)

Phone: (765) 494-3898

### 12.24.3 About Purdue Engineering

Purdue University is recognized worldwide for its excellence in engineering academic programs as well as research. Purdue is consistently ranked nationally among the top ten for both undergraduate and graduate education in the U.S. News & World Report Best Engineering program rankings. Purdue students are highly sought after by Fortune 500 companies as well as entrepreneurial start-ups. As alumni and professionals, they are also extremely successful — Purdue produces more CEOs than any other land grant or publicly assisted university in the country. You will recognize the names of some of the companies led by and/or started by a Purdue engineer: Amgen, On-command Video, Tellabs, Bechtel, Texas Instruments, and Ariba. Purdue's program is diverse with more than 13 disciplines from which to choose an undergraduate engineering major including:

- Agricultural and Biological Engineering,
- Aeronautics and Astronautics Engineering,
- Chemical Engineering, Civil Engineering,
- Construction Engineering and Management,
- Electrical and Computer Engineering,
- Food Process Engineering,
- Industrial Engineering,
- Interdisciplinary Engineering,
- Materials Engineering,
- Mechanical Engineering, a
- Nuclear Engineering.

All students begin their program of study in Freshman Engineering enabling them to explore the various degree options and relevant careers before selecting the desired discipline.

In addition to Purdue's strong academic programs, Purdue offers students cooperative education work experience in their chosen fields, study abroad programs, dozens of opportunities to gain leadership and organizational experience through engineering related student groups, and strong support programs for various constituencies including the Honors program, the Minority Engineering program, and the Women in Engineering program.

### 12.24.4 About Purdue University

Purdue University is a state assisted, land grant university that was established in 1869 through a generous gift by John Purdue. The main campus of this statewide system is located in West Lafayette, Indiana, which is the location of the engineering program noted above. Close to 38,000 students are enrolled in programs on the West Lafayette campus and approximately 20% of those students are in engineering. Purdue has an extensive residence system, as well as close to 100 fraternities, sororities, and cooperative housing opportunities for students. Purdue is home to a diverse student body with people from 132 different countries at the undergraduate level and engineering students from all 50 states.

<b>Websites of interest:</b>	<b>University:</b>	<b>Schools of Engineering:</b>	<b>Admissions Office:</b>
	<a href="http://www.purdue.edu">www.purdue.edu</a>	<a href="http://www.purdue.edu/engr">www.purdue.edu/engr</a>	<a href="http://www.purdue.edu/admissions">www.purdue.edu/admissions</a>

### 12.24.5 About Delphi Corporation

Delphi Corporation is a global company that offers products in mobile electronics, transportation components, and systems technology. With almost 216,000 employees in forty countries, its world headquarters in Troy, Michigan directs the efforts of its 3 primary business sectors: Dynamics and Propulsion; Safety, Thermal, and Electrical Architecture; and Electronics and Mobile Communications. Delphi's integrated systems and modules simplify vehicle-manufacturing processes, helping to meet the demands of modern high-tech vehicle design. For more information refer to the Delphi Web site at [www.delphiauto.com](http://www.delphiauto.com).

## 12.24.6 Purdue University / Delphi Corporation Application Instructions

Students should apply who:

- Are admitted as a beginning student in the Purdue University Schools of Engineering.
- Have participated for at least one full season with a FIRST Robotics team.
- Have a strong academic background, particularly in science and mathematics.

*Please read and follow these instructions carefully:*

1. **Section A, (personal information).** Complete legibly, for positive identification.
2. **Sections B through F must be complete:** These sections are pertinent to the scoring of your application. If your high school does not rank, we suggest that you estimate as closely as possible.
3. **Section H** is important to your application scoring. Please give these questions careful consideration.
4. **Include a transcript** with this application. If your high school GPA is figured on a system other than A=4.0, attach an explanation.
5. **Include two recommendations** with this application. Please furnish letters of recommendation, on official letterhead, from your FIRST team advisor and either your mathematics or science teacher.
6. **Include only the third and fourth pages** when mailing. Attach your recommendation letter, transcript, and if needed, an explanation of grading system, to the back of the application.
7. **Complete and return your application as soon as possible.** The University must receive them by February 1, 2004.

## 12.24.7 Submission Contact Information

**Application Submission Address:**

FIRST Scholarship Selection Committee  
Department of Freshman Engineering  
Purdue University  
Engineering Administration Building, Room 212  
400 Centennial Mall Drive  
West Lafayette, IN 47907-2016  
(800) 440-9885

Please e-mail any questions to Dr. Gaunt at [gaunt@purdue.edu](mailto:gaunt@purdue.edu).

## 12.24.8 Selection Considerations

All applicants will be considered on the basis of academic merit, character, and evidence of leadership ability. Final notification will not be mailed to the recipient until mid-March. This form does not replace the FAFSA required for consideration for need-based aid administered through the Division of Financial Aid.

## 12.24.9 Purdue University FIRST Scholarship Application

### A. Personal Information

Last Name	First Name	MI	(Area code) Phone Number	
Street Address		City	State	Zip
Social Security Number		Date of Birth	Please circle: Male Female	
High School Name	(Area code) Phone Number		Intended Engineering Major	

### B. Please indicate your best test scores below.

SAT I SCORES		SAT II SCORES		ACT SCORES	
Total	_____	Math I	_____	Math II	_____
Math	_____	Physics	_____	English	_____
Verbal	_____	Chem	_____	Other	_____
Tests Taken:		Tests Taken:		Tests Taken:	
Jr. Year	Sr. Year	Jr. Year	Sr. Year	Jr. Year	Sr. Year

Composite	_____
Math	_____
English	_____
Reading	_____
Sci. Reasoning	_____

C. Rank in high school class: \_\_\_\_\_ in a graduating class of \_\_\_\_\_ students.

D. Grade Point Average: \_\_\_\_\_ based on a \_\_\_\_\_ scale.

What number of your courses were honors, accelerated, or AP? \_\_\_\_\_

E. List your state-level and national-level recognition for personal achievement and/or leadership.

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F. List extracurricular activities that you have been involved with for at least one full year during high school. Indicate any leadership positions you have held in these activities.

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G. Please attach a copy of your high school transcript and letters of recommendation before mailing.

*Please proceed to the next page of the application and respond to the questions.*



## **12.25 THE RAYTHEON COMPANY SCHOLARSHIP**

### **12.25.1 Guidelines and Scholarship Description**

Raytheon Company has established a scholarship program to assist FIRST Robotics competitors who plan to continue their education in college as math, science or technology majors. The program supports a wide range of educational options, i vocational and technical training, associate, bachelor, and graduate degrees. Scholarships are offered for full-time study beginning sophomore, junior, or senior year at an accredited institution or program of the student's choice. Scholarships are fully renewable for up to three consecutive years. Maximum eligibility is three years. Maximum award is \$1000 per year. Awards are for one year only. Students must submit applications each year for consideration for funding the following academic year. You remain eligible for consideration all the way through your third year of college. If you did not apply senior year in high school, you may apply freshman, sophomore, and junior year for awards paid during sophomore, junior, and senior year.

### **12.25.2 Scholarship Administration**

Scholarship America<sup>SM</sup>, formerly Citizens' Scholarship Foundation of America, Inc. (CSFA), administers the scholarship program. Scholarship America is a national nonprofit educational support and student aid service organization that seeks to involve and assist the private sector in expanding educational opportunities and encouraging educational achievement. While Raytheon Company provides funding for the program, all phases of the competition, including the selection of recipients and the processing of scholarship payments are handled by Scholarship America. Awards are granted on the basis of performance in college, and are competitive. All information included on the application is considered confidential. Awards are granted without regard to race, color, creed, religion, age, gender, disability, or national origin.

### **12.25.3 Eligibility and Requirements**

FIRST Robotics team members and competitors are eligible. Awards won during senior year in high school are applied during the sophomore year in college. High school seniors selected for an award will be required to submit official transcripts for their first year of undergraduate study, showing proof of full-time enrollment and "student in good standing" status. Full-time study is defined as carrying a full course load for the entire upcoming academic year.

### **12.25.4 Payment of Scholarship Awards**

If selected as a recipient, a student will receive a \$1000 award during the following year of undergraduate study or sophomore year in college, which ever is later. Scholarship America processes payments on behalf of Raytheon Company, and payments are made in equal installments on August 15 and December 30. Checks are mailed to each recipient's home address and are made payable jointly to the student and the college or university attended, and must be endorsed by both.

### **12.25.5 Application Criteria**

Interested students must complete the application and mail it along with a current, complete, official transcript of grades to Scholarship America postmarked no later than April 1. On-line transcripts and grade reports are not acceptable. Applicants will receive acknowledgment of receipt of their application. If an acknowledgement card is not received within three weeks, applicants may call Scholarship America to verify that the application has been received.

Applicants are responsible for gathering and submitting all necessary information. Applications are evaluated on the information supplied; therefore, please answer all questions as completely as possible. Incomplete applications will not be evaluated. All information received is considered confidential and is reviewed only by Scholarship America.

### **12.25.6 Selection of Recipients**

Scholarship recipients are selected on the basis of academic record, field of study, demonstrated leadership participation in school and community activities, honors, work experience, statement of goals and aspirations, unusual personal or family circumstances, and a recommendation. Financial need is not a consideration.

Preferred candidates will be those with two or more courses or a declared major in engineering, math and technology related fields.

Selection of recipients is made by Scholarship America. In no instance does any officer or employee of Raytheon Company play a part in the selection. All applicants agree to accept the decision of Scholarship America as final.

Applicants will be notified in June. Not all applicants to the program will be selected as recipients.

### **12.25.7 Obligations and Revisions**

Scholarship recipients have no obligation to Raytheon Company. They are, however, required to supply Scholarship America with complete transcripts when requested and to notify Scholarship America of any changes of address, school enrollment, or other relevant information.

Raytheon Company reserves the right to review the conditions and procedures of this scholarship program and to make changes at any time including termination of the program.

### **12.25.8 Application Submission Deadline**

To apply for a Raytheon/FIRST Robotics Scholarship Award, the student must complete a copy of the attached application form. Send the completed form and a current transcript of grades to Scholarship America by the postmark deadline of April 1. Please go to <http://www.ratheon.com/community/schyolars.html> to access an application

### **12.25.9 Application Contact Information**

For more information, please contact:

Raytheon Scholars Program  
Scholarship Management Services, Scholarship America  
1505 Riverview Road, P.O. Box 297  
Saint Peter, MN 56082  
Telephone (507) 931 1682

Corporate Contributions  
Raytheon Company  
870 Winter Street  
Waltham, MA 02451-1449  
Telephone (781) 522-5802  
[corporatecontributions@raytheon.com](mailto:corporatecontributions@raytheon.com)

## 12.26 SAN JOSE STATE UNIVERSITY SCHOLARSHIP

### 12.26.1 Scholarship Description

In partnership with FIRST, San Jose State University's College of Engineering- Department of Technology is pleased to award one merit-based, tuition scholarship in the amount of \$2,000 per year for four years for an undergraduate degree in a program of the Department of Technology.

The scholarship is available to high school seniors actively involved on a competing FIRST team during their senior year of high school and who would like to attend SJ State University. The recipient must meet the regular academic requirements for admission to the University and department of Technology.

#### **Submission Requirements**

To apply for the San Jose State University FIRST Scholarship, the application package must include:

- Application to The California State University system for the academic year 2004-2005 in the Department of Technology SJSU.
- Two letters of Recommendation, one must be from an adult leader on the applicant's FIRST team.
- An essay describing the applicant's FIRST experience and what the experience has meant.

### 12.26.2 Scholarship Information and Submission

For answers regarding the scholarship and submission or to receive a scholarship application, contact:

Professor James Beck, College of Engineering	jbeck@sjsu.edu
San Jose State University	Phone: 408 924-3598
One Washington Square	
San Jose, CA 95192-0080	

### 12.26.3 Submission Deadline

The deadline is March 8, 2004. Send completed scholarship application packages to Professor Beck (above).

### 12.26.4 About San Jose State University

San Jose State University's location in the Silicon Valley makes it an exceptionally rewarding learning environment for students to explore their talents and hone their professional skills. Silicon Valley firms and agencies seek SJSU students for internships, summer work programs and for assistance with research and development projects. Silicon Valley firms employ more graduates from SJSU than from any other university in the nation.

Located on 154 acres in center city San Jose, the university offers the excitement of studying at a large, metropolitan campus where many cultures meet. Yet students find personal attention from faculty members in the smaller setting of the university's eight colleges. San José is a newly revitalized city which hosts major sports, the arts, museums and restaurants serving a wide variety of cuisines. A new attraction is The Tech Museum of Innovation, which features an IMAX® theatre. From its focal point at the center of the South Bay, San Jose is an hour from the Santa Cruz coastline; San Francisco is one hour north. For more information, go to our website at [www.sjsu.edu](http://www.sjsu.edu).

#### **About the SJSU Department of Technology**

The Department of Technology, located in the College of Engineering at San Jose State University, is at the forefront of technological change and innovation in the Silicon Valley. As product markets become global, our hands-on approach to learning prepares our students to enter these jobs as experienced professionals. The Department offers both undergraduate and graduate degrees in a variety of areas, including a BSIT in Manufacturing systems and a BSIT in Electronics and Computer Technology.

### 12.26.5 General Information, Department of Technology

The Department of Technology's address and email address for general information is

San Jose State University	Phone: (408) 924-3190
1 Washington Square, San Jose, CA 95192-0061	<a href="mailto:tech@sjsu.edu">tech@sjsu.edu</a>



## **12.27 SCHOOLCRAFT COLLEGE FIRST SCHOLARSHIP**

### **Scholarship Description**

In partnership with FIRST, the Schoolcraft College Foundation is committed to granting at least one annual, merit-based scholarship (valued at \$1,500), to a high school senior(s) who has participated on a FIRST team and is pursuing an associate degree in technology (includes engineering, computer science and graphics) at Schoolcraft College. Please note that the cost of a full time education at Schoolcraft is approximately \$2,500-\$3,000 (including books). Preference will be given to those applicants who reside in the Schoolcraft's Michigan service area of – Livonia, Garden City, Plymouth, Plymouth Township, Northville, Northville Township, Canton Township and Novi. Schoolcraft College's commitment will be renewable annually.

### **12.27.1 About Schoolcraft College**

Schoolcraft College is a community college with its main campuses in Livonia, Michigan (main) and Garden City, Michigan, serving 32,000 students annually through associate degree programs, continuing education courses, certifications, and training for business and industry. Many Schoolcraft programs and courses are transferable for credit at most of Michigan's baccalaureate institutions and universities.

### **12.27.2 Admissions Criteria**

To be considered for admission to Schoolcraft College, students must complete a Schoolcraft College Application for Admission, and submit the following:

- Proof of residency (for in-district tuition)
- Official high school transcripts
- College transcripts (if applicable)

Admitted students will receive information regarding placement testing, orientation, academic counseling and registration requirements and procedures.

### **12.27.3 Contact Information**

If you would like to apply for a FIRST Scholarship, please contact:  
The Schoolcraft College Financial Aid Office  
18600 Haggerty Road  
Livonia, Michigan 48152  
Phone: (734) 462-4433.

## 12.28 SOCIETY OF WOMEN ENGINEERS –HOUSTON AREA SECTION

### 12.28.1 Scholarship Description

One (1) \$1000 scholarship will be awarded on the basis of merit to a qualified high school senior woman who will pursue a formal college education in an engineering discipline. This award will be for the first year of study and is non-renewable. The Houston Area Section of the Society of Women Engineers (SWE-HA) sponsors this scholarship. Students attending high school in the State of Texas will receive preference, but scholarship eligibility is not limited to students within the State of Texas.

### 12.28.2 Eligibility Criteria

To be eligible for the scholarship, the applicant must meet the following qualifications, and she must:

- Be a woman who is currently matriculating as a senior in high school.
- Enroll as a freshman majoring in an engineering discipline at an ABET-Accredited four-year College or University, upon completion of high school.
- Have completed at least one regional FIRST Competition.

### 12.28.3 Application Submission Criteria

To be accepted for judging, an applicant must submit all of the following items:

- **Completed Application Form**, including all signatures.
- **Transcript** - Official copy of applicant's high school transcript(s) showing grades for the entire enrollment in all high schools attended.

Applicant's Statement - A written statement or essay written by the applicant that should tell why she would like to be an engineer and/or tell how she believes she will make a difference as an engineer and/or tell what influenced her to study engineering.

(Make sure your statement is *one single-sided, double-spaced typewritten page-or less.*)

- **Letter of Reference** – Preferably typewritten on 8.5x11 inch sheets of paper, covering items such as scholastic ability, general character, attitude, ambition, motivation and leadership characteristics. Applicants must submit ONE letter of reference from a high school instructor, mentor, counselor or employer, who is not a relative and has known the student during her/his academic studies.
- **Resume**- Updated resume including activities in high school.
- **Background**- Is there anything else that you would like us to know about you?

Please include any special achievements not already covered, unusual family circumstances, or any information that might be useful to us in considering your application. Please indicate the degree to which financial aid is required. Note: This is not a judgment criterion, nor will it be used for or against any applicant. This information is purely voluntary.

Are you available for a summer internship? Do you have transportation?

Certification Signature Sheet- Sign and date the following sheet and include with your materials.

### 12.28.4 Scholarship Submission Deadline

Send completed applications to arrive by March 3, 2004.

Note: Mail all application materials in one envelope or package, postmarked before March 3, 2004. Please put materials in the order as listed below and bind with a staple.

### 12.28.5 Mailing Instructions

No application will receive consideration unless it meets the above requirements. You may use photocopies.

Address applications to:

Erin Criste, Scholarship Chairwoman

Society of Women Engineers – Houston Area Section

P.O. Box 3461, Houston, Texas 77253

### 12.28.6 Certification

I believe that all of the information furnished on this application is true, complete, and correct to the best of my knowledge. I understand that such information is confidential and subject to verification by the SWE-HA Scholarship Committee.

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## 12.28.7 SWE Application

### Society of Women Engineers – Houston Area Section

Complete all information on this page and mail to arrive no later than March 3, 2004.

NAME:		
SOCIAL SECURITY NUMBER:		
HOME ADDRESS:		
CITY:	STATE:	ZIP CODE:
HOME TELEPHONE NUMBER:		
US CITIZEN( ) PERMANENT U.S. RESIDENT( ) CITIZENSHIP, NOT U.S.		
HIGH SCHOOL:		
FIRST TEAM NUMBER:		
UNIVERSITY YOU WILL ATTEND:		
UNIVERSITY ADDRESS:		
CITY:	STATE:	ZIP CODE:
EDUCATION:		
GPA: (Must include basis, e.g. 3.5 out of 4.0)		
MAJOR SUBJECT:		
DEGREE INTEREST:		

## 12.29 TEMPLE UNIVERSITY SCHOLARSHIP AWARDS (4)

In partnership with FIRST, Temple University will award up to four \$2500 per year merit scholarships, renewable annually for a total of four years and contingent upon maintaining a 3.0 or better cumulative GPA, to students enrolled in full-time study in a College of Engineering major. The award winners must be active FIRST team members and meet the Temple University regular academic standards for academic merit scholarships (generally at least a 3.5 high school GPA and SAT score of 1150). The winners will be announced at the Championship in 2004. Each junior/senior student who applies for the scholarship must meet the regular academic requirements for admission as well as meeting requirements for scholarship retention.

### 12.29.1 Scholarship Application Requirements

\*To apply for one of the four Temple University 2004 scholarships:

- Complete a Temple University Application for Admission and submit two letters of recommendation with this application, one from a teacher and one from a participating engineer involved with your FIRST team.
- Submit an official high school transcript.
- Submit SAT or ACT test scores. You may substitute PSAT scores for the SAT or ACT if you have not yet taken the SAT or ACT.

\*These requirements pertain to scholarship eligibility only, not to University admission requirements.

### 12.29.2 Application Information

Obtain FIRST scholarship applications or any other Temple University application materials by e-mailing the Scholarship Coordinator in the Office of Undergraduate Admission, attention Dr. John J. Helferty, Chair of Electrical and Computer Engineering ([jhelfert@nimbus.temple.edu](mailto:jhelfert@nimbus.temple.edu)).

### 12.29.3 Scholarship Application Deadline

Completed applications (which includes two letters of recommendation and Temple University Application for Admission, Transcript, and SAT/ACT/PSAT scores) must be received no later than **March 1, 2004**.

### 12.29.4 Application Submission

Return the above-mentioned required materials in the addressed, postage-paid envelope provided. Please return them all together in one envelope. If this is not possible, please address individual submissions to:

Attn: Dr. John J. Helferty, FIRST Scholarship Coordinator    Phone: 215-204-8089  
141-09

E-mail: [jhelfert@nimbus.temple.edu](mailto:jhelfert@nimbus.temple.edu)

Office of Undergraduate Admission  
Temple University  
1801 North Broad St.  
Philadelphia, PA 19122-6096

Website: [www.temple.edu](http://www.temple.edu)

### 12.29.5 About Temple University

Temple University, of the Commonwealth System of Higher Education, is a comprehensive public research university with more than 29,000 students. It has a distinguished faculty in 16 schools and colleges including schools of Engineering, Law, Medicine, Podiatry, Dentistry, and a renowned Health Sciences Center. Temple is one of Pennsylvania's three public research universities, along with the University of Pittsburgh and Penn State University. Temple University is the 39th largest university in the United States, and it is the largest provider of professional education (law, dentistry, medicine, pharmacy, and podiatric medicine) in the country.

Based in Philadelphia, Pennsylvania, USA, Temple has five regional campuses, including:

The flagship Main Campus

Health Sciences Campus

Center City Campus in Philadelphia, a major suburban campus

Temple University at Ambler

Tyler School of Art in Elkins Park, a suburban art campus

The University has an education center in Harrisburg, and international campuses in Tokyo, Japan, and Rome, Italy. Temple also offers programs in the People's Republic of China, Israel, Greece, Great Britain, France, and other countries throughout the world.

Through its various schools and colleges, Temple University offers degree programs in 9 associate degree areas, 127 bachelor degree areas, 132 master degree areas, 61 doctoral degree areas, and 6 first professional degree areas.

Dr. Russell H. Conwell founded the institution in 1884, chartered as Temple College in 1888 and incorporated as Temple University in 1907. In 1965, by the Act of the Legislature of the Commonwealth of Pennsylvania, Temple University became a state-related institution in the Commonwealth System of Higher Education.

## **12.30 UNIVERSITY OF ARKANSAS AT LITTLE ROCK CYBER - SCHOLARSHIP**

The Donaghey College of Information Science and Systems Engineering (CyberCollege) is offering a fully renewable, full-tuition scholarship to a high school junior or senior who has participated in a FIRST team.

### **12.30.1 Scholarship Description**

The College will award a full-tuition, merit-based scholarship for an undergraduate degree in any discipline in the CyberCollege. This scholarship is available to any eligible high school junior or senior who has participated in the FIRST program on any team. The recipient must meet the regular academic requirements for admission to the College and major in a program from the CyberCollege.

The scholarship recipient will be announced at The FIRST Championship and will renew automatically each year of his or her undergraduate degree (for a maximum of five years), contingent upon maintaining good academic standing.

### **Submission Requirements**

To apply for the University of Arkansas at Little Rock FIRST Scholarship, complete the application package (see below) to include:

8. The regular application materials for admission to the University of Arkansas at Little Rock
9. The UALR FIRST Scholarship Application (available at [www.ualr.edu](http://www.ualr.edu) or by e-mailing an application request to [cybercollege@ualr.edu](mailto:cybercollege@ualr.edu))
10. A letter of recommendation from an adult leader on your FIRST team
11. A letter of recommendation from a math or science teacher

### **12.30.2 Scholarship Application Deadline / Contact Information**

Completed UALR FIRST scholarship and admission applications must be post marked by March 1, 2004. Please send to:

Katie Young, Attn: UALR FIRST Scholarship

Director of Academic Services

E-mail: [kcyoung@ualr.edu](mailto:kcyoung@ualr.edu)

UALR CyberCollege

2801 South University

Little Rock, AR 72210

### **About the UALR CyberCollege**

The CyberCollege is UALR's technology college. The College is prepared to educate and train the technical workforce of the future. The comprehensive programs in the CyberCollege provide students with a well-rounded education, as well as with the specific technical skills needed to obtain entry-level positions and to rise quickly to management and leadership positions. Baccalaureate programs in the following disciplines are offered:

Computer Science

Mechanical Engineering Technology

Construction Management

Information Science

Electronics and Computer Engineering Technology

Systems Engineering

### **12.30.3 UALR's Participation in FIRST**

UALR has co-sponsored Team 356 since 2000. CyberCollege scholarship recipients can continue their FIRST experience as engineers-in-training and as mentors on Team 356. Students can receive elective credit in design courses and through a unique course, FIRST in Engineering, which was initially offered in 2002.

## **12.31 UNIVERSITY OF DAYTON - DELPHI CORPORATION SCHOLARSHIP**

In partnership with the Delphi Corporation, the School of Engineering at the University of Dayton is pleased to offer a \$15,000 merit-based scholarship payable over four years for a high school senior who has participated on a FIRST team.

### **12.31.1 Scholarship Description**

University of Dayton's School of Engineering will award one four-year merit-based scholarship to be applied toward the tuition for an undergraduate degree in the School of Engineering. Preference will be given to students in electrical, computer and mechanical engineering, and engineering technology. This scholarship is available to any incoming freshman that has participated on a FIRST team. Payment of the award is contingent upon the selected student's successful matriculation into the School of Engineering at the University of Dayton, which must be initiated by on-line application to the University

<http://www.udayton.edu/> and acceptance, which will be indicated by a letter from the University.

Continuation of the award is contingent on the student remaining in good academic standing with a GPA of at least 3.0/4.0 and continuing undergraduate study in an engineering or engineering technology discipline within the University of Dayton School of Engineering

In addition to the scholarship, the student receiving this award may be offered a summer internship or co-op experience with Delphi Corporation in an engineering area of interest.

### **12.31.2 Submission Deadline and Requirements**

The deadline for applications, including all letters of reference and a personal statement, is April 1, 2004. To apply for the FIRST Scholarship at the University of Dayton, after receiving a letter of admission, please contact the Associate Dean for Undergraduate Programs at the address below for an application form.

### **12.31.3 Contact Information**

Dr. Malcolm Daniels,  
Associate Dean for Undergraduate Programs  
School of Engineering  
University of Dayton  
300 College Park  
Dayton, OH 45469-0228

Phone: 937-229-2736

Fax: 937-229-2756

E-mail: [Malcolm.Daniels@notes.udayton.edu](mailto:Malcolm.Daniels@notes.udayton.edu)

### **12.31.4 About the University of Dayton**

The University of Dayton is a highly residential living – learning community of 6,500 undergraduates and 3,000 graduate students. With an enrollment of 1,600, the School of Engineering provides students with solid technological training and a high level of personal attention from faculty. Graduates become well-rounded professionals in chemical, civil, electrical, computer, mechanical, and engineering technology.

To prepare graduates for the 21<sup>st</sup> century workplace, our 'New Engineer' approach emphasizes a broad, holistic approach to engineering combining strong professional preparation with breadth of understanding of social and human concerns, well developed moral discernment, structured leadership and teaming experiences, and opportunities for applied, practical learning through enriched co-op and internship experiences. The School of Engineering produces engineering and technology professionals, who can communicate persuasively, solve complex problems, show moral compassion, and provide solutions to the issues confronting businesses and society.

The School of Engineering also offers programs, minors, and options in manufacturing, design, materials, industrial, environmental, quality, and electronics engineering. It also offers graduate programs in ten areas of study, with additional support available from the University of Dayton Research Institute.



### 12.31.5 About Delphi Corporation

Multi-national Delphi Corporation (NYSE: DPH) is a world leader in mobile electronics and transportation components and systems technology. Headquartered in Troy, Michigan, USA, Delphi's three business sectors -- Dynamics & Propulsion; Safety, Thermal & Electrical Architecture; and Electronics & Mobile Communication -- provide comprehensive product solutions to complex customer needs.

Delphi has approximately 216,000 employees and operates 184 wholly-owned manufacturing sites, 44 joint ventures, 53 customer centers and sales offices, and 31 technical centers in 40 countries. Regional headquarters are located in Paris, Tokyo, and São Paulo. By leveraging our rich heritage and extensive technical knowledge, we offer a broad range of innovative solutions from components to systems and modules.

Delphi's integrated systems and modules are designed to help simplify vehicle manufacturers' processes and meet the demands of today's high-tech vehicles. Our main focus is on customer satisfaction through technology leadership, quality, world class cost levels and responsiveness.

Our global network, combined with our extensive vehicle systems knowledge, allows us to be there when you need us. For single point solutions, partner with Delphi Corporation to meet your automotive challenges in today's ever-changing global market. For more information, please see <http://www.delphiauto.com/>

## **12.32 UNIVERSITY OF DELAWARE FIRST SCHOLARSHIP**

### **12.32.1 Scholarship Description**

The University of Delaware ([www.udel.edu](http://www.udel.edu)) will award one \$10,000 merit-based scholarship, renewable annually for up to four years. This scholarship is available to any incoming freshman who has participated on a FIRST team. Make your application as a high school senior. The scholarship will be awarded during the recipient's freshman year at the University of Delaware; therefore, the recipient must meet the regular admission requirements for the University of Delaware and matriculate at UD prior to receiving the award. Additionally, the recipient must be admitted and enrolled in one of the following Colleges at the University of Delaware: Engineering; Agriculture and Natural Resources; or Health and Nursing Sciences. For renewal, the recipient must attain and maintain a 3.0 GPA and be continuously enrolled as a full-time student during the regular Fall and Spring semesters.

### **12.32.2 Submission Requirements**

To apply for the University of Delaware FIRST Scholarship, please send a letter of interest to the Office of Scholarships and Financial Aid at the address below. This letter should be accompanied by a letter of recommendation to be completed by an adult leader on your FIRST team. The Office of Scholarships and Financial Aid may require other applications as necessary.

### **12.32.3 Application Deadline**

Deadline for scholarship application is March 1, 2004.

### **12.32.4 Contact Information**

To request more information on the University of Delaware FIRST scholarship, please contact:  
Office of Scholarships and Financial Aid  
University of Delaware  
Newark, DE 19716  
(302) 831-8081

### **12.32.5 About the University of Delaware**

Located on one of the most beautiful campuses on the East Coast, the University of Delaware is a distinguished teaching-oriented university with a breadth of academic and professional options. A faculty committed to research, undergraduate teaching (undergraduates compose 80% of our population), and advising prepares students for successful careers and for entry into leading professional and graduate schools. Its location links the beautiful Delaware campus to New York, Philadelphia, Baltimore, and Washington D.C. and a host of opportunities for employment, internships, independent research, and study. With over one hundred and twenty-four (124) majors in six undergraduate colleges, the University offers multiple opportunities for students to pursue studies in the sciences and more.

A strong Undergraduate Research Program; competitive Honors Program; nationally recognized faculty; and academic programs, including top-ten-status for chemical engineering, are just some of the many reasons why top students choose UD. These many elements, combined with a vibrant campus life including the Fightin' Blue Hens athletic teams, a three hundred plus (300+) member marching band, and over two hundred (200) student organizations ensure a world-class collegiate experience for all students.

## **12.33 UNIVERSITY OF DENVER FIRST CHANCELLOR'S SCHOLARSHIP**

The University of Denver is pleased to offer for the first time a merit scholarship in the amount of \$10,000 per year for 4 years (totaling \$40,000) to a FIRST team student participant. Two students from each team can apply for the scholarship. The award is renewable for 4 years contingent on satisfactory academic performance. In addition, eligible students applying for the scholarship will have their \$50 application fee waived.

### **12.33.1 Application Requirements**

The applicant must be in his/her senior year of high school and be an active member of his/her FIRST team. The applicant should be interested in studying Engineering or Computer Science. The following materials are required for consideration:

- Completed DU application
- Completed scholarship application form
- Applicant statement
- Sealed letter of reference from an adult team leader

### **12.33.2 Application Deadline**

All materials must be received by February 1, 2004.

### **12.33.3 Contact Information**

Direct questions to:

Professor Peter Laz.  
University of Denver  
School of Engineering and Computer Science, Attn: FIRST  
Scholarship  
2390 S. York Street  
Denver, CO 80208  
[plaz@du.edu](mailto:plaz@du.edu) or  
(303) 871-2102

### **12.33.4 About the School of Engineering and Computer Science**

The recently formed School, merging the Departments of Engineering and Computer Science, offers a range of exciting degree programs. The School offers degrees in computer science and mechanical, electrical, computer and general engineering (ABET accredited), as well as a combined 5-year BS/MBA with the Daniels College of Business. Highlights of the programs include opportunities for study abroad, undergraduate research, and the integrated curriculum, where undergraduates work together in interdisciplinary teams to design and manufacture engineering projects in each of the four (4) years. For more information, visit [www.du.edu/secs](http://www.du.edu/secs).

The University of Denver has participated in FIRST in each of the past 4 years, and the Ritchie Center at the University of Denver will host the inaugural Colorado Regional in March of 2004.

### **12.33.5 About the University of Denver**

The University of Denver was founded in 1864 and is the oldest independent university in the Rocky Mountain region. It prioritizes undergraduate education for its 4,400 undergraduate students with a student to faculty ratio of 13:1. In addition to outstanding educational opportunities, DU's location in Denver offers the best in cultural and outdoor activities. The University of Denver is an equal opportunity/affirmative action institution. For more information, visit [www.du.edu](http://www.du.edu).



## 12.33.6 University of Denver FIRST Chancellor's Scholarship Application

### *Application Form*

#### **Student Information**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Social Security Number \_\_\_\_\_

#### **Applicant Statement**

Write a one-page (1) personal statement describing your participation in FIRST and your interests in engineering and science.

#### **Letter of Reference**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Length of acquaintance \_\_\_\_\_

Please attach your sealed letter of reference to this form. This letter should comment on whether the applicant possesses the ability and innovation necessary to excel as an engineer or scientist and include specific examples when possible.

Please send this form with the attached Applicant Statement and Letter of Reference with the DU application by February 1, 2004 to:

**School of Engineering and Computer Science, Attn: FIRST Scholarship,  
2390 S. York St., Denver, CO 80208**

Direct questions to Professor Peter Laz at [plaz@du.edu](mailto:plaz@du.edu) or (303) 871-2102

## **12.34 UNIVERSITY OF HARTFORD / FIRST SCHOLARSHIPS (2)**

The mission of FIRST is to expose and attract new students to the fields of engineering and science – a necessity of critical, national importance. This mission is significantly aligned with that of The University of Hartford.

### **12.34.1 Scholarship Description**

In partnership with FIRST, the University of Hartford will annually award the University of Hartford's FIRST Robotics Scholarships in the amount of \$12,000 each to 2 high school seniors who are members of a FIRST team.

Eligible students must apply for admission in any program at the University, meet the academic requirements for the University President's Scholarship as outlined by the University Bulletin, and reside in the continental United States. The scholarships are renewable annually for a maximum of four years according to the academic scholarship policies described in the University Undergraduate Bulletin. FIRST scholarships will not be combined with any other University non-need based aid.

### **12.34.2 Application Requirements**

To apply for this scholarship, interested students must complete an application for admission to the University, as well as submit a resume and letter of recommendation. The \$35.00 admission application fee will be waived for any student applying for this scholarship.

### **12.34.3 Application Deadline**

March 3, 2004

### **12.34.4 Contact Information**

Please send all documentation to the contact person below.

Beth Skoglund

Associate Director of Admissions and Financial Assistance

FIRST /UTC University of Hartford Scholarship

University of Hartford

200 Bloomfield Avenue

West Hartford, CT 06117

skoglund@mail.hartford.edu

1.800.947.4303

1.860.768.4296

### **12.34.5 A Brief Profile of the University of Hartford**

Do you want a suburban college campus or an urban one?

Do you want a small school or a large one?

Do you want a traditional liberal arts curriculum or a cutting-edge professional program? You may be asking yourself, why do I have to choose? Why do I have to compromise?

You don't! You can have the best of each of these worlds at the University of Hartford. You can enjoy both the comfort and the fun of a 320-acre campus and still take advantage of the city of Hartford only 10 minutes away. With just 4300 full time undergraduates, you will benefit from small classes and personalized attention while at the same time being offered over 75 majors, extensive facilities and a broad spectrum of activities usually reserved for a large university.

You will have the opportunity to develop essential reasoning and communication skills in our nationally recognized liberal arts curriculum as you master the professional, technical, and computer skills of the 21st century.

For more information please visit us on-line at <http://www.hartford.edu>

## **12.35 UNIVERSITY OF NEW HAMPSHIRE SCHOLARSHIPS (10)**

The Mechanical Engineering Department of the University of New Hampshire supports an academic scholarship program for qualified applicants.

### **12.35.1 Scholarship Description**

These scholarships are based on academic achievement and potential and offer selected students amounts up to \$3,000 per year, which are renewable based on continued satisfactory academic performance.

We feel that the FIRST experience is very valuable in the development of future mechanical engineers and will take this experience into consideration when making scholarship awards in the future.

Students who have applied and been accepted to the University of New Hampshire Mechanical Engineering program will be given preference for an academic scholarship if they have been an official team member in a FIRST competition.

Approximately ten scholarships are available for qualified candidates.

### **12.35.2 Application / Contact Information**

If you plan to apply for the UNH Mechanical Engineering program, to start in the Fall of 2004 or later, and are interested in applying for an academic scholarship, please contact the UNH Mechanical Department and advise us of your interest. The contact can be made by telephone or by e-mail as follows:

Mechanical Engineering Department

Attention: Tracey Harvey

Telephone: 603-862-1353

Email: [tracey.harvey@unh.edu](mailto:tracey.harvey@unh.edu)

### **12.35.3 Application Deadline**

The deadline for applying for this scholarship for academic year 2004-2005 is February 1, 2004.

### **12.35.4 More About UNH**

If you would like more information on the UNH Mechanical Engineering Department, visit our website at:

<http://www.unh.edu/mechanical-engineering/> or call us and arrange for a personal visit on campus.

For information on UNH admissions, visit the UNH Admissions website at:

<http://unhinfo.unh.edu/admissions/index.html>

## **12.36 UNIVERSITY OF SOUTH CAROLINA - FIRST RESEARCH OPPORTUNITIES**

### **12.36.1 Opportunity Description**

In recognition of the unusually motivated and ingenious students who participate in the FIRST Robotics programs, the Department of Electrical Engineering at the University of South Carolina is proud to announce an equally unique Undergraduate Research Assistantship. The Undergraduate Research Assistantship will allow a former FIRST Robotics participant who enrolls in the Electrical Engineering program to participate in one of several major research initiatives and to work side-by-side with graduate students, post-doctoral researchers, and faculty on a challenging research project such as fuel cell power sources, computational environments for virtual prototyping of dynamic systems, or power systems for mobile platforms.

The Undergraduate Research Assistantship is worth up to \$6,000 per year, or \$24,000 over four years, based on a research involvement of 15 hours per week. The awardee will receive the Assistantship as a bi-weekly stipend. Assuming satisfactory academic and intellectual progress, the awardee will be allowed to continue his or her involvement throughout their undergraduate studies, including during the summer months if so inclined.

### **12.36.2 Opportunity Application Criteria**

To be considered for this assistantship, first apply for admission to the Electrical Engineering program at the University of South Carolina using the standard university application process.

University of South Carolina Undergraduate Admissions:

<http://www.sc.edu/admissions/>

Complete the Research Assistantship Application form once you have applied for admission.

### **12.36.3 Application Deadline/ Submission Address**

Return application to the following address, no later than Mar 3, 2004

Undergraduate Research Assistantship Committee

Department of Electrical Engineering

University of South Carolina

Columbia, SC 29208

## 12.36.4 Undergraduate Research Assistantship application: U. of South Carolina

### Dept of Electrical Engineering

#### Special Edition for applicants who have participated in a *FIRST Robotics* program

You must also separately apply for admission to the EE program following the normal University of South Carolina process <http://www.sc.edu/admissions/>

#### Personal Information

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_

High School Attended \_\_\_\_\_

FIRST Robotics Team Number \_\_\_\_\_

Describe your own personal contributions to your FIRST Robotics team.

Considering the opportunities described at <http://www.ee.sc.edu/EEResearch.htm>, in which research program you would most like to participate? Explain your interest in that particular program.

**Return application to the following address, no later than Mar 3, 2004**

Undergraduate Research Assistantship Committee  
Department of Electrical Engineering  
University of South Carolina  
Columbia, SC 29208



## 12.37 UNIVERSITY OF SOUTHERN CALIFORNIA SCHOLARSHIPS (2)

As a host for the Southern California regional competition and a sponsor for four local high school teams, the University of Southern California's School of Engineering has first hand knowledge of just how exciting and motivating FIRST is for students who are considering careers in engineering or computer science.

In partnership with FIRST, the USC School of Engineering has established a \$5,000 renewable, merit-based scholarship for two students who have participated on a FIRST team. In order for the selected students to receive the scholarship award, the student must be admitted and enroll full time in any undergraduate engineering or computer science degree program at USC.

The scholarship is renewable, contingent upon satisfactory academic progress in the engineering major and maintaining a 3.0 GPA overall, for a total of \$20,000 over four years. The winners will be selected based on overall academic achievement and the content of their essay and will be announced at the Championship in April.

### 12.37.1 Scholarship Criteria

Students must apply and meet all the application requirements and deadlines for admission to the University of Southern California School of Engineering.

(For Fall 2004, the final freshman application deadline is January 10, 2004.)

In addition, we request that you submit an essay, 500 words or less on your FIRST involvement, to the Director of Admission for the USC School of Engineering by February 15, 2004.

Application Deadline: February 15, 2004.

### 12.37.2 Application / Submission Contact Information

To request an application for admission, contact:

Mr. Matthew O'Pray, Director of Admissions University of Southern California School of Engineering, Olin Hall, Rm. 106 Los Angeles, CA 90089-1455	(213) 740-4530 or (800) 526-3347 E-mail: <a href="mailto:opray@usc.edu">opray@usc.edu</a> Website: <a href="http://www.usc.edu">www.usc.edu</a>
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### 12.37.3 About the USC School of Engineering

The University of Southern California is a private, research university located three miles from downtown Los Angeles. Established in 1880 and covering 155 acres, USC offers bachelor degrees in 77 undergraduate majors as well as master, doctoral, and professional degrees in 139 areas of study. Students may select from a variety of degree combinations in the College of Letters, Arts & Science, or in one of the seventeen (17) professional schools.

The School of Engineering is the second largest professional school in the university with eight major departments and over 30 different degree options available. Some unique degree programs include bachelor degrees in Biomedical Engineering, Computer Engineering, and a combined program in Civil Engineering and Architecture called Building Science. Engineering students at USC come from all over the United States and the world, with approximately 50% of our students coming from outside California and 13% coming from around the world.

Our faculty members are world-class researchers, who annually conduct more than \$100 million dollars in sponsored research. They also teach and involve undergraduates in their laboratories. Students begin their engineering coursework in the freshmen year and have an opportunity to combine theoretical knowledge gained in the classroom with hands-on design work incorporated throughout their curriculum.

We offer a number of special programs including our own Career Services Program, Cooperative Education, Center for Engineering Diversity, a summer Overseas Program, Peer Mentoring, Learning Support Services, and an Undergraduate Merit Research Program.

For more detailed information about our program, please contact the Engineering Student Affairs office at [engrstaf@usc.edu](mailto:engrstaf@usc.edu) or (800) 526-3347 or visit our website at [www.usc.edu/dept/engineering/esa](http://www.usc.edu/dept/engineering/esa)

## 12.38 UNIVERSITY OF WATERLOO / FIRST MECHATRONICS ENGINEERING SCHOLARSHIP

### 12.38.1 Scholarship Description

In partnership with FIRST and the Departments of Mechanical and Electrical & Computer Engineering, the University of Waterloo is pleased to award one \$5000 (Canadian funds) non-renewable entrance scholarship. The scholarship is to recognize and reward students whose experience with FIRST has inspired an interest in pursuing an engineering education.

### 12.38.2 Eligibility

The award is available to students in their final year of high school, who have been active on a FIRST team in that final year, and are applying to the Mechatronics Engineering program at the University of Waterloo. Applicants DO NOT need to be Canadian citizens.

### 12.38.3 Application and Criteria

The scholarship will be awarded through the regular admissions process to the Faculty of Engineering at the University of Waterloo. The candidate must meet the admissions requirements for the Mechatronics Engineering program, and the successful candidate will be selected based on the merit of his or her application.

As a part of the regular application procedure, it is expected that

12. **AIF:** Eligible students will emphasize their participation on a FIRST team in the Admission Information Form (AIF), which will be mailed to them after they apply through the [Ontario Universities Application Centre](#) (OUAC).
13. **Reference letter:** With the AIF, also include a reference letter from an adult mentor or teacher involved in the student's FIRST team.
14. **E-mail:** In addition to the regular application procedure, indicate your desire to be considered for the FIRST scholarship, by sending an e-mail, prior to March 31st of your graduating year, to [first.scholarship@mechatronics.uwaterloo.ca](mailto:first.scholarship@mechatronics.uwaterloo.ca). In the e-mail, include your name and OUAC application reference number.

### 12.38.4 Application Deadlines

AIF: The AIF submission deadline is typically in mid-March, and is written on the AIF form.

E-mail: The registration e-mail (see above) must be sent prior to March 31st of the students graduating year.

### 12.38.5 About Mechatronics Engineering at the University of Waterloo

Mechatronics Engineering concerns the design of computer-controlled electromechanical systems. It includes robotics and automation systems, neural prosthetics, micro electro-mechanical systems (MEMS), and many other leading-edge technologies.

At the University of Waterloo, Mechatronics Engineering is a multi-disciplinary program in the Department of Mechanical Engineering, in cooperation with both the Systems Design and Electrical & Computer Engineering departments. Graduates of the program will receive the degree of Bachelor of Applied Science in Mechatronics Engineering. For more information on the program, please see [www.mechatronics.uwaterloo.ca](http://www.mechatronics.uwaterloo.ca).

The University of Waterloo is proud to be on the leading edge of this new discipline, offering the first undergraduate degree in Mechatronics Engineering in Canada. We invite you, FIRST alumni, to be a part of the future; we hope you will join us!

## 12.39 VIRGINIA COMMONWEALTH UNIVERSITY SCHOOL OF ENGINEERING SCHOLARSHIP

VCU School of Engineering is proud to be the host site of the NASA/VCU Regional. We are pleased to partner with FIRST to provide a merit-based scholarship of \$5,200 per year to a high school senior who is a FIRST team participant.

The scholarship recipient will be announced at the Championship.

### 12.39.1 Scholarship Criteria

Scholarship applicants must:

1. Be high school seniors who are actively participating on a FIRST team during their senior year in high school,
2. Be interested in attending the VCU School of Engineering,
3. File two letters of recommendation concerning the student's involvement in FIRST, one of which must be from an adult leader on the student's FIRST team,
4. Submit a **complete** application for admission to VCU by February 15, 2004, including application for admission as required by the University. The application includes:
  - Completed application form
  - Standardized exam results
  - High school transcript
  - Essay – Each applicant must submit an essay describing his/her involvement on the FIRST team and what that experience has meant in his/her own personal development.
  - Recommendation letters

The recipient must meet the regular academic requirements for admission to the School of Engineering, and to be considered for and retain the scholarship, maintain a cumulative GPA of 3.0 in a major within the School of Engineering.

### 12.39.2 Contact / Submission Information

Use the following contact information to obtain materials regarding the FIRST Scholarship, the University, and an application for admission to VCU:

FIRST Scholarships	Phone: 804-827-7028
VCU School of Engineering	E-mail: <a href="mailto:askengineering@vcu.edu">askengineering@vcu.edu</a>
Dept. F	Web: <a href="http://www.vcu.edu/ugrad">http://www.vcu.edu/ugrad</a>
Box 843068	<a href="http://www.egr.vcu.edu">http://www.egr.vcu.edu</a>
Richmond, VA 23284	

### 12.39.3 About Virginia Commonwealth University:

The Carnegie Foundation ranks Virginia Commonwealth University (VCU) as one of the nation's top research universities. Its teaching, research, public service, and patient care missions support full-time and part-time students and faculty of diverse backgrounds.

Located in Richmond, the capital of Virginia, VCU is composed of two campuses: the seventy-five (75)-acre Academic Campus in the historic Fan District of Richmond, and the fifty-one (51)-acre Medical College of Virginia (MCV) Campus, two miles east, in the financial, commercial, and governmental district of the city. The Virginia Biotechnology Research Park and the Virginia Microelectronics Center are also part of the University, and are outstanding examples of the collaborative initiatives and partnerships that mark VCU's role in the economic growth of the greater Richmond community.

VCU offers 153 baccalaureate, masters, professional, doctoral, and post-graduate certificate and degree programs through the College of Humanities and Sciences (which includes the School of Mass Communications), and the Schools of Engineering, Allied Health Professions, Arts, Business, Dentistry, Education, Medicine, Nursing, Pharmacy, and Social Work. Forty of the University's programs are unique in

Virginia, including the only undergraduate program in Biomedical Engineering. The University enrolls more than 23,000 students, of which 13,000 are undergraduates.

The School of Engineering was established in 1996 and has brought innovative, real-world engineering education to central Virginia. The School enrolls about 1000 students, and offers undergraduate degrees in Biomedical, Chemical, Computer, Electrical, and Mechanical Engineering, and Computer Science, as well as specializations in such areas as microelectronics and robotics, among others. Students benefit from close, personal interactions with faculty. The program emphasizes creativity, entrepreneurship, business skills, communication, teamwork, and undergraduate research. The required industrial internship prepares graduates with a clear understanding of the application of engineering skills to real-world environments.

There are many opportunities for students to work with FIRST teams and gain academic credit. VCU Engineering is the host of the NASA / VCU FIRST Robotics Regional Competition, and warmly welcomes FIRST team members to its ranks. Currently, VCU Engineering enrolled 60 students who were on FIRST teams. The class that entered in 2002 had 26 FIRST members. The School's student body is very involved with FIRST activities and teams.

## **12.40 WASHINGTON STATE UNIVERSITY AND THE DEAN'S MERIT SCHOLARSHIP**

### **12.40.1 Scholarship Description and Criteria**

In partnership with FIRST, the College of Engineering and Architecture at Washington State University, will award a merit-based scholarship of up to \$2,000 per year (renewable for an additional three years) to be applied to tuition costs towards an undergraduate degree in either computer science or one of the nine engineering programs offered at the Pullman campus. These majors include Bioengineering, Biological Systems Engineering; Chemical Engineering; Civil Engineering; Computer Engineering; Computer Science; Electrical Engineering; Materials Science and Engineering; and Mechanical Engineering.

This scholarship is available to any eligible high school senior who is actively involved on a competing FIRST team during her or his senior year of high school and who meets the scholarship requirements. The recipient must meet the regular academic requirements for admission to Washington State University and have taken the ACT or SAT to determine eligibility. Scholarship criteria require that the student be taking engineering/computer science track classes, complete a minimum of 12 credits each semester, and be advised by an engineering/computer science advisor.

Renewal will be automatic each year contingent upon maintaining a grade point average calculated at the end of each year for the following renewals: 3.2-3.39 = \$500; 3.4-3.59 = \$1000; 3.6-3.79 = \$1500; and 3.8 up = \$2000.

### **12.40.2 Submission Requirements and Contact Information**

To request a scholarship application form, please contact the Scholarship Services Department at Washington State University (509-335-1059) or apply online. This one scholarship application will be used to evaluate the student for eligibility for other scholarships in addition to the Dean's Merit Scholarship for engineering and computer science students. Apply early, since the University awards several scholarships on a first-come, first-served basis. You can complete the scholarship application online at [www.finaid.wsu.edu/scholar](http://www.finaid.wsu.edu/scholar) and choose "Applications" from the menu. Students must meet the regular admission criteria and be admitted to Washington State University to be considered for the scholarship. The application for admission is available online at [www.wsu.edu](http://www.wsu.edu) or you can send a paper application if you prefer.

### **12.40.3 Application Submission Deadline**

The priority deadline is February 1. Scholarship recipients will be announced at the Championship in April.

### **12.40.4 About Washington State University.**

Washington State University invites you to be a part of a major research university with over a 100-year history of strong undergraduate programs. You will interact with accomplished faculty members and talented students involved in a variety of academic pursuits; and you will be part of a supportive academic community that values a diversified population and is committed to providing a rich learning environment for all students. Washington State University enrolls over 21,700 students of which 16,000 attend classes in Pullman. Its nine degree-granting colleges collectively offer 150 major fields of study with more than 300 optional areas of emphasis. The University Honors College offers students of high ability and initiative an enriched, four-year core curriculum that is combined with curriculum requirements for the various degree programs across the university.

One of the largest residential universities west of the Mississippi, Washington State University houses the majority of its student population on its 600-acre campus in Pullman. Branch campuses in Spokane, Richland, and Vancouver, Washington offer a variety of undergraduate and graduate programs. The faculty of 1,255 is dedicated to helping student stay abreast of the most recent knowledge and discoveries, conducting high quality research, and performing exemplary public service. Our undergraduate enrollment in engineering and computer science is small enough to provide you with personal attention, yet large enough to offer a wide range of academic options. If you wish to work in industry over the summer or through a semester, there is an office on the campus to help you arrange it. If you are interested in special projects that give you a taste of industrial practice or state-of-the-art research, we can also help you find these opportunities.

For more information go to [www.wsu.edu](http://www.wsu.edu) or [www.cca.wsu.edu](http://www.cca.wsu.edu).

## **12.41 WAYNE STATE UNIVERSITY HONORS PROGRAM PRESIDENTIAL SCHOLARSHIPS (10)**

The Wayne State University Honors Program has a special scholarship initiative for students participating in the FIRST robotics competition.

### **12.41.1 Scholarship Description / Criteria**

The Honors Program will offer 10 full-tuition scholarships and admission to the Honors Program to qualified students who participate in FIRST. To be eligible to apply for this special scholarship, students must apply and be accepted to Wayne State University, complete FIRST, have a minimum high school GPA of 3.5 and take the ACT test.

Honors Program/FIRST Presidential Scholarships cannot be accepted in conjunction with other awards from the Wayne State University Presidential Scholarship Program. In cases where students are awarded two scholarships from the same fund, the FIRST Presidential Scholarship award will override previous offers from the Presidential Scholarship program.

### **12.41.2 About Wayne State University**

Wayne State University provides undergraduate and graduate programs for 33,000 students in 13 schools and colleges with more than 350 major subject areas. Located in the heart of Detroit's cultural center, students can enjoy renowned museums, galleries and theatres, most within walking distance. The main campus encompasses 203 acres of beautifully landscaped walkways and gathering spots, linking 100 education and research buildings. Five extension centers in the metropolitan area provide convenient access to a wide selection of courses.

### **12.41.3 About the Honors Program**

The Honors Program provides a special educational experience for students committed to attaining the best education possible. It offers the personal attention and atmosphere usually associated with small, selective private colleges, but does so amid the wide scope of fine libraries, laboratories and other facilities of a large, urban research university. Honors students are not isolated from the university – because of smaller class sizes they get to know their fellow students and professors better than do many students in non-honors courses.

### **12.41.4 Application Contact Information**

To apply for the Honors Program/FIRST Presidential Scholarship, contact

The Honors office:

2100 Undergraduate Library

Wayne State University

Detroit, MI 48202

Phone: (313) 577-3030

Fax: (313) 577-6425

## **12.42 WAYNE STATE UNIVERSITY SCHOLARSHIP FOR TEACHERS (5)**

### **12.42.1 Scholarship Description**

In cooperation with FIRST, the Wayne State University College of Education is pleased to announce a special scholarship initiative. In recognition of their fine leadership and dedication, five (5) scholarships will be offered to teachers that are leading a FIRST Robotics high school team in Southeast Michigan.

Teachers who win the scholarship will receive \$500 for tuition and fees to the College of Education.

### **12.42.2 Scholarship Criteria**

To be eligible, a teacher must be:

- A certified teacher at the secondary level.
- Enrolled in a Wayne State University College of Education graduate program with a minimum GPA of 3.0—or–Scholarship applicants who are not yet enrolled in the university, must be approved for admission to the College of Education by the beginning of the academic year 2004-05.

### **12.42.3 Application Deadline**

Deadline for scholarship application for the 2004-05 school year is January 12, 2004.

### **12.42.4 Contact Information**

If you would like to apply for a College of Education Scholarship, you may complete the attached application or contact the College of Education Office.

Ms. Cam Liebold, Assistant to the Dean

College of Education

Wayne State University

Office of the Dean

441 Education Building

Detroit, MI 48202

Phone: 1-313-577-3284

Email: [camliebold@wayne.edu](mailto:camliebold@wayne.edu)

Website: [www.coe.wayne.edu](http://www.coe.wayne.edu)



**WAYNE STATE  
UNIVERSITY**  
COLLEGE OF EDUCATION

**12.42.5 FIRST Robotics Scholarship for Teachers Application**

*Please Print or Type*

Name \_\_\_\_\_  
(last) (first) (middle initial)

Address \_\_\_\_\_  
(number) (street) (apt. #)

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Home Phone \_\_\_\_\_ Business Phone \_\_\_\_\_

Cell Phone \_\_\_\_\_ Pager \_\_\_\_\_

(Please place an asterisk \* next to the phone number where it is best to reach you or leave a message.)

E-Mail \_\_\_\_\_

Date of Birth \_\_\_\_\_ Gender: Male \_\_\_\_\_ Female \_\_\_\_\_  
(month) (year)

Current Employer \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Job title and type of work performed: \_\_\_\_\_

Full-time \_\_\_\_\_ Part-time \_\_\_\_\_

(Page 1 of 2)



### SECTION A:

Complete the following if you are already admitted to and have been enrolled in classes in the College of Education. **Otherwise, go to section B below.**

Name (please print) \_\_\_\_\_  
Student Identification Number \_\_\_\_\_  
Current Classification:  
Post-graduate \_\_\_\_\_ Masters \_\_\_\_\_ Doctoral \_\_\_\_\_  
Specialist program \_\_\_\_\_  
Current GPA/HPA \_\_\_\_\_  
Full time student \_\_\_\_\_ (minimum 8 graduate credit hours)  
Part-time student \_\_\_\_\_ (7 or under graduate credit hours)  
Graduate Major \_\_\_\_\_  
Specialist/Concentration \_\_\_\_\_  
Expected Degree \_\_\_\_\_  
Expected Graduation Date (Month/Year) \_\_\_\_\_  
  
Signature of applicant \_\_\_\_\_ Date \_\_\_\_\_

### SECTION B:

Complete the following if you have been admitted to the College of Education for Fall 2004 but are not yet enrolled in courses. **NOTE:** You must enclose a copy of your "Approval of Admission" letter in order to be considered for a scholarship.

Name (please print) \_\_\_\_\_  
Student Identification Number \_\_\_\_\_  
Planned Major \_\_\_\_\_  
Planned Specialist/Concentration \_\_\_\_\_  
Expected Degree \_\_\_\_\_  
Expected Graduation Year \_\_\_\_\_  
  
Signature of Applicant: \_\_\_\_\_ Date \_\_\_\_\_

### ***FIRST SCHOLARSHIP APPLICATIONS MUST BE POSTMARKED BY MAY 17, 2004***

Please submit application to:

Cam Liebold  
Assistant to the Dean and Scholarship Program Coordinator  
Office of the Dean, Room 441  
College of Education  
Wayne State University  
Detroit, Michigan 48202

313-577-3284 or camliebold@wayne.edu

## **12.43 WILLIAM P. MURPHY - VISION SCHOLARSHIP**

In partnership with FIRST, Small Parts, Inc. is privileged to establish a four-year scholarship benefiting a deserving high school senior wishing to pursue a career in science and/or technology. This scholarship will be presented annually to the graduating student most clearly possessing a vision of how she or he, as an individual, hopes to impact society through his/her pursuit of science and/or technology. Our hope is to challenge students to consider the personal responsibility that accompanies the privilege of education.

### **12.43.1 Scholarship Description**

Small Parts, Inc. will award a \$6000.00 merit scholarship. The scholarship will be \$1500.00 each year, and will be renewable for three consecutive years while enrolled in an accredited educational institution pursuing a degree in science and/or technology. Application and renewal requires a minimum 3.5 GPA.

### **12.43.2 Submission Requirements**

1. Letter of recommendation from one or more high school teacher/administrator.
2. Letter of recommendation from one or more engineer/advisor of your FIRST Team.
3. Your resume with GPA and high school transcript.
4. A completed scholarship application.
5. An essay explaining how you as an individual hope to impact our world through your studies in the field of science and/or technology. What dreams and aspirations do you have about making a positive difference in the society in which you are a part? How do you hope to impact our world by the career you pursue?

### **12.43.3 Application / Contact Information**

Request scholarship applications on-line at [www.smallparts.com](http://www.smallparts.com) or from:

Mr. James Edgar  
At  
Small Parts, Inc.  
William P. Murphy- Vision Scholarship  
13980 N.W. 58<sup>th</sup> Court  
Miami Lakes, FL 33014-0650  
Ph: (305) 558-1038

### **12.43.4 Scholarship Application Deadline**

Small Parts, Inc. must receive completed scholarship applications, via U.S. Mail at the above address, by February 27, 2004.

## **12.44 WILLIAM TYNDALE COLLEGE SCHOLARSHIPS (2)**

In partnership with FIRST, William Tyndale College has established up to two merit-based scholarships to students who have participated on a FIRST team. Each recipient will receive a \$2,000 per academic year award, renewable for up to four total years. Tuition is applicable only to Fall and Winter semesters.

### **12.44.1 Scholarship Criteria**

All applicants must meet general admission requirements, must be incoming freshmen and participate in the college and community service program required of all scholarship students.

To apply for a scholarship for the 2004/2005 academic year:

- Complete a FIRST Scholarship Application
- Contact the Admissions Office at William Tyndale College and complete an Application for Admission, indicating that you are a FIRST applicant. The application fee will be waived for FIRST applicants.
- Submit all required materials including SAT or ACT scores, and high school transcripts.

### **12.44.2 Application Contact Information**

William Tyndale College/ FIRST Scholarship winner(s) will be announced via the FIRST website by July 30, 2004.

Admission applications, as well as WTC/ FIRST Scholarship Applications, are available by contacting Admissions at 1-800-483-0707 or by e-mail at [admissions@williamtyndale.edu](mailto:admissions@williamtyndale.edu).

Send completed applications to William Tyndale College at the address below.

William Tyndale College

Scholarship and Financial Aid Office

35700 West Twelve Mile Road

Farmington Hills, Michigan 48331

Phone: 800-483-0707

Fax: 248-553-5963

### **12.44.3 Application Deadline**

Completed applications must be received by June 30, 2004.

### **12.44.4 About William Tyndale College**

William Tyndale College is a four-year Christian liberal arts college located in Farmington Hills, Michigan offering Bachelor degrees in five divisions: Christian Studies, Natural Sciences, Mathematics and Education, Social Sciences, Language Literature and Fine Arts, and Professional Studies. To learn more about WTC, please visit our website at <http://www.williamtyndale.edu>

## 12.45 WPI / PAUL ALLAIRE FUTURE ENGINEERING LEADERSHIP SCHOLARSHIP

### 12.45.1 Scholarship Description/Requirements

In recognition of the extraordinary commitment that Paul A. Allaire, WPI Class of 1960, has made to the programs of FIRST and to the young people of America, WPI is again offering a full-tuition, four-year scholarship (valued at more than \$100K) for a student to attend WPI in pursuit of a career in engineering, science, or management.

This scholarship is intended to be awarded through the normal admissions process at WPI to a student who is a Native American, African American, Hispanic, and/or female and is currently a high school senior participating on a FIRST team. The candidate must meet the admissions requirements of WPI, and the successful candidate will be selected based on the merit of his or her application as described below. The winning student must maintain satisfactory academic progress at WPI to maintain the award.

### 12.45.2 Submission Criteria

Apply to WPI through normal admission procedures with the following additional materials:

- Letter of Recommendation from teacher or business leader who is working with the FIRST team on which the student participates.  
(The letter of recommendation will count toward normal admission recommendation requirements, provided WPI receives it by the admissions application deadline.)
- Please use the recommendation form at the end of the WPI section, or download it from the FIRST scholarship site
- An essay describing how she/he has demonstrated leadership in her/his school through specific activities and especially through participation in FIRST.  
The essay should also reveal the applicant's thoughts on the role of science and technology on our society, and how she/he feels their future as a leader in science, engineering, or management might personally improve that impact. The essay should be no longer than two pages long.

### 12.45.3 Submission Deadlines

Applications for admission are due by February 1, but the additional scholarship materials, the Recommendation Form from FIRST teacher or business leader and the FIRST essay, are not due until March 1. A WPI committee will review them in time for the scholarship winner announcement at the Championship Event in Atlanta.

### 12.45.4 Address/Contact Information

Interested students should send all application materials to the following address:

Attn: WPI/Paul Allaire Future Engineering Leadership Scholarship Award Worcester Polytechnic Institute Admissions Office 100 Institute Road Worcester, MA 01609	Phone: 508 831 5286 e-mail: <a href="mailto:admissions@wpi.edu">admissions@wpi.edu</a> web site: <a href="http://www.wpi.edu">http://www.wpi.edu</a>
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### 12.45.5 About WPI:

WPI, founded by New England industrialists John Boynton and Ichabod Washburn and their associates in 1865, is the third oldest technologically oriented college in the country. An independent university, WPI awards bachelor, masters, and doctoral degrees. WPI students come from 45 states and 68 countries and include 2,700 undergraduates and 1,050 graduate students. WPI leads students to develop an excellent grasp of fundamental concepts in their principal area of study, to lay a foundation for lifelong renewal of knowledge, to gain a mature understanding of themselves, and to form a deep appreciation of the interrelationships among basic knowledge, technological advance, and human need. The distinctive, project-based curriculum is well suited to students with demonstrated ability to take responsibility, to thrive in the team environment, to solve problems, and to assume leadership--in short, WPI postulates the same characteristics for success as FIRST. **WPI...The University of Science and Technology. And Life.**



## 12.45.6 FIRST Allaire Scholarship Nomination Form

### Student Information

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone \_\_\_\_\_ Email \_\_\_\_\_  
Social Security Number \_\_\_\_\_

### Nominated by

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone \_\_\_\_\_ E-mail \_\_\_\_\_  
Length of acquaintance \_\_\_\_\_

Please attach your letter of nomination to this form. Please include examples of how this student has demonstrated enthusiasm for engineering and science and possesses the ability and innovation necessary to excel as an engineer or scientist.

Send this form and the attached letter to:

WPI  
Admissions Office  
100 Institute Road  
Worcester, MA 01609  
Attn: WPI Design Innovation Scholarship

## 12.46 WPI DESIGN INNOVATION SCHOLARSHIP

FIRST would like to congratulate WPI for blazing the trail for other academic institutions to follow. FIRST and WPI remain committed to introducing today's students to the many rewards that science and technology offer. This scholarship is one tangible example of a benefit that can be gained through a student's participation and effort in the FIRST program. More importantly, it highlights a key role academic institutions can play in continuing the demand for excellence in science and technology created through the student, teacher, academic institution, and corporation partnership.

### 12.46.1 Scholarship Description/Requirements

For the ninth consecutive year, WPI will award a full-tuition, four-year undergraduate scholarship (valued at more than \$100K) to a FIRST team student participant. This year, each team participating in the 2004 FIRST Robotics Competition may nominate one of its student members for the WPI Design Innovation Scholarship. The candidate must be in her/his senior year of high school and be an active FIRST team member. An adult team leader will submit a letter of nomination to accompany their candidate's WPI application forms. Students nominated by their teams must be capable of meeting normal WPI admissions requirements, have demonstrated enthusiasm for engineering and science, and possess the ability and innovation necessary to excel as an engineer or scientist. The winning student must maintain satisfactory academic progress at WPI to maintain the award.

### 12.46.2 Submission Criteria

Complete and submit the following materials to the Admissions office at WPI:

Letter of Nomination from adult team leader

Nomination Form. Please use the nomination form at the end of this WPI section, or download it from FIRST Scholarship site.

Application materials for admission to WPI (by February 1)

A *presentation\** produced by the applicant that describes one or more of the **Design Innovations** in the team's robot as well as one or more of the following issues:

1. The importance of teamwork in developing their robot
2. How his/her team demonstrates sportsmanship
3. How his/her team builds spirit

(\**Optional format*, e.g., videotape, electronic presentation, paper, etc.--no greater than two pages or five minutes in length)

### 12.46.3 Application and Nomination Deadlines

Applications for admission to WPI must arrive by February 1, but all nominations and presentations must be are not due until March 1, 2004. A WPI committee will review applications in time for the scholarship winner announcement at the FIRST Robotics Competition Championship Event in April 2004.

### 12.46.4 Submission Address/Contact Information

In addition to the completed WPI application, nominated students interested in this scholarship should submit the letter of nomination and presentation to the following address:

WPI

Admissions Office

100 Institute Road

Worcester MA 01609

Attn: WPI Design Innovation Scholarship

Ph: 508-831-5286

e-mail: [admissions@wpi.edu](mailto:admissions@wpi.edu)

Web site: <http://www.wpi.edu>

### **12.46.5 About WPI**

WPI, founded by New England industrialists John Boynton and Ichabod Washburn and their associates in 1865, is the third oldest technologically oriented college in the country. An independent university, WPI awards bachelor, master, and doctoral degrees. WPI students come from 45 states and 68 countries and include 2,700 undergraduates and 1,050 graduate students. WPI leads students to develop an excellent grasp of fundamental concepts in their principal area of study, to lay a foundation for lifelong renewal of knowledge, to gain a mature understanding of themselves, and to form a deep appreciation of the interrelationships among basic knowledge, technological advance, and human need. The distinctive, project-based curriculum is well suited to students with demonstrated ability to take responsibility, to thrive in the team environment, to solve problems, and to assume leadership--in short, WPI postulates the same characteristics for success as FIRST.

WPI...The University of Science and Technology. And Life.



## 12.46.6 FIRST Design Innovation Scholarship Nomination Form

### Student Information

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Social Security Number \_\_\_\_\_

### Nominated by

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Length of acquaintance \_\_\_\_\_

Please attach your letter of nomination to this form. Please include examples of how this student has demonstrated enthusiasm for engineering and science and possesses the ability and innovation necessary to excel as an engineer or scientist. Send this form and the attached letter to:

WPI  
Admissions Office  
100 Institute Road  
Worcester, MA 01609  
Attn: WPI Design Innovation Scholarship