

How to Pay for Your Degree in Engineering 2011-2013

Sixth Edition

**Gail Ann Schlachter
R. David Weber**

A List of Scholarships, Fellowships, Grants, Awards, and Other Sources of Free Money Set Aside to Support Study, Training, Research, and Creative Activities for Students Working on an Undergraduate or Graduate Degree in Engineering. Plus, a Set of Six Indexes: Sponsor, Residency, Tenability, Specialty, Diversity, and Deadline.

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The first and second editions of this directory were issued under the title *RSP Funding for Engineering Students*.

Reference Service Press (RSP) began in 1977 with a single financial aid publication (*Directory of Financial Aids for Women*) and now specializes in the development of financial aid resources in multiple formats, including books, large print books, disks, CD-ROMs, print-on-demand reports, eBooks, and online sources. Long recognized as a leader in the field, RSP has been called by the *Simba Report on Directory Publishing* "a true success in the world of independent directory publishers." Both Kaplan Educational Centers and Military.com have hailed RSP as "the leading authority on scholarships."

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Introduction

WHY THIS DIRECTORY IS NEEDED

According to the U.S. Department of Labor, engineering is one of only twenty five occupations with "fast growth, high pay, and low employment." The Department estimates that, in the next few years, there will be more than 1.5 million jobs in the field, with salaries for students graduating with a bachelor's degree starting at more than \$45,000 a year; for those with a master's degree and no experience, nearly \$60,000; and for those with a Ph.D., more than \$70,000.

Hundreds of financial aid programs, representing billions of dollars, are available to help students prepare for these jobs. How can you find out about these programs? Traditional financial aid directories don't offer much assistance. For example, the landmark *Scholarships, Fellowships, and Loans* (published by Gale Cengage) and the eclectic *Scholarship Book* (published by Prentice-Hall) just begin to scratch the surface. And the previously-issued subject-specific listings, *Dollars for College: The Quick Guide to Financial Aid for Engineering* (formerly published by Ferguson) and *Financial Aid for Minorities in Engineering and Science* (published last by Garrett Park Press), have ceased publication.

That's why this updated edition of *How to Pay for Your Degree in Engineering* (formerly issued as *RSP Funding for Engineering Students*) is so important. Now, in just one place, engineering students (along with the counselors and librarians available to serve them) will have detailed information about the 970+ scholarships, fellowships, awards, grants, and other sources of "free" money set aside specifically for them. The funding programs included in this directory have been carefully selected. Only the biggest and the best made the cut! And, not one of these programs requires you to pay back any money (provided, of course, that you meet the program requirements).

How to Pay for Your Degree in Engineering has been designed so that you can easily scan through a wide array of funding programs available specifically to support study, research, creative activities, past accomplishments, future projects, and travel for both undergraduate and graduate engineering students. All areas of engineering are covered, ranging from general practice to acoustical, agricultural, automotive, chemical, civil, electrical, environmental, industrial, mechanical, nuclear, structural, and many others. There's no other listing, in print or online, that's as comprehensive as this. That's why *American Reference Books Annual* called the directory "detailed, comprehensive...well organized" and "highly recommended."

WHAT'S INCLUDED?

How to Pay for Your Degree in Engineering, 2011-2013 is unique. Not only does it provide the most comprehensive coverage of engineering-related funding opportunities (more than 970 entries), but it also offers the most informative program descriptions (on the average, twice the detail found in any other source).

In addition, only funding set aside for engineering students is included. If a program doesn't support study, training, research, or creative activities specifically for this group, it's not covered here.

Third, only the biggest and best portable funding programs are covered in this book. To be listed here, a program has to offer engineering students at least \$1,000 per year. But, many go way beyond that, paying full tuition or stipends that exceed \$25,000 a year. Plus, you can take the money awarded by these scholarships to any number of schools.

Fourth, many of the programs listed here have never been covered in the other financial aid directories. So, even if you have checked elsewhere, you will want to look at *How to Pay for Your Degree in Engineering* for additional leads.

Fifth, unlike other funding directories, which tend to follow a straight alphabetical arrangement, this one divides entries by educational level (undergraduates and graduate students), to help you target your search for appropriate programs. The same convenience is offered in the indexes, where sponsoring organization, geographic focus, subject, diversity, and deadline date entries specifically identify opportunities for either undergraduate or graduate students.

Further, we have tried to anticipate all the ways you might wish to search for funding; we've organized the volume so you can identify programs not only by recipient group, but by program title, engineering specialty, sponsor, where you live, where the money can be spent, and even when you want to apply for funding. Plus, we've included exactly the information you'll need to decide if a program is right for you: purpose, eligibility requirements, financial data, duration, special features, limitations, number awarded, and application date. You even get fax numbers, toll-free numbers, e-mail addresses, and web sites (when available), along with complete contact information, to make your requests for applications proceed smoothly.

Finally, we've included all types of "free money" in our listing:

- *Scholarships.* Programs that support studies and related activities at the undergraduate level in the United States. Usually no return of service or repayment is required.
- *Fellowships.* Programs that support studies and related activities at the graduate level in the United States. Usually no return of service or repayment is required.
- *Grants.* Programs that provide funding to support innovative efforts, travel, projects, creative activities, or research at any level (from associate degree through doctoral) in the United States. Usually no return of service or repayment is required.
- *Awards.* Competitions, prizes, and honoraria granted in recognition of individual personal accomplishments, research results, creative writing, or other achievements. Prizes received solely as the result of entering contests are excluded.

WHAT'S EXCLUDED?

The focus of *How to Pay for Your Engineering Degree* is on portable programs aimed specifically at high school seniors, high school graduates, current college students, returning college students, and beginning or continuing graduate students interested in working on a degree in engineering in the United States. While this book is intended to be the most current and comprehensive source of information on available funding, there are some programs we've specifically excluded from the directory:

- *Programs that do not accept applications from U.S. citizens or residents:* If a program is open only to foreign nationals or excludes Americans from applying, it is not covered.
- *Programs not focused on the engineering field:* Only funding opportunities set aside specifically for engineering students are described here. If you are looking for money to support study, training, research, or creative activities in other, or broader, subject areas, check out the list of Reference Service Press's award-winning directories on the inside of the front cover. You can also look for general or other financial aid directories at your library or bookstore.
- *Funding not aimed at incoming, currently-enrolled, or returning engineering students:* If a program is not specifically for undergraduate or graduate engineering students (e.g., a contest open to adults of any age, a research grant for postdoctoral engineers), it is excluded.

SAMPLE ENTRY

- (1) **[44]**
- (2) **ANS UNDERGRADUATE SCHOLARSHIPS**
- (3) American Nuclear Society
Attn: Scholarship Coordinator
555 North Kensington Avenue
La Grange Park, IL 60526-5592
(708) 352-6611 Fax: (708) 352-0499
E-mail: outreach@ans.org
Web: www.ans.org/honors/scholarships
- (4) **Summary** To provide financial assistance to undergraduate students who are interested in preparing for a career in nuclear science or nuclear engineering.
- (5) **Eligibility** Eligible to apply are undergraduate students enrolled in nuclear science, nuclear engineering, or a nuclear-related field at an accredited institution in the United States. There are separate competitions for 1) students who have completed at least 1 academic year and will be sophomores, and 2) students who have completed 2 or more years and will be entering as juniors or seniors. Applicants must be members of the American Nuclear Society (ANS), but they may be citizens of any country. Along with their essay, they must submit a personal statement of their future plans. Selection is based on that essay, academic achievement, and letters of recommendation.
- (6) **Financial data** The stipend is \$2,000.
- (7) **Duration** 1 year; nonrenewable.
- (8) **Additional information** This program includes the following named scholarships: the Angelo S. Bisesti Memorial Scholarship, the Joseph R. Dietrich Memorial Scholarship, the Raymond DiSalvo Memorial Scholarship, the Robert G. Lacy Memorial Scholarship, the John R. Lamarsh Memorial Scholarship, and the Robert T. Liner Memorial Scholarship.
- (9) **Number awarded** Up to 31 each year: 4 for students entering their sophomore year and up to 27 (including the 6 named scholarships plus 21 others) for students entering their junior or senior year.
- (10) **Deadline** January of each year.

DEFINITION

- (1) **Entry number:** Consecutive number assigned to the references and used to index the entry.
- (2) **Program title:** Title of scholarship, fellowship, grant, award, or other funding opportunity.
- (3) **Sponsoring organization:** Name, address, and telephone number, toll-free number, fax number, e-mail address, and web site location (when information was supplied) for organization sponsoring the program.
- (4) **Summary:** Identifies the major program requirements; read the rest of the entry for additional detail.
- (5) **Eligibility:** Qualifications required of applicants and factors considered in the selection process.
- (6) **Financial data:** Financial details of the program, including fixed sum, average amount, or range of funds offered, expenses for which funds may and may not be applied, and cash-related benefits supplied (e.g., room and board).
- (7) **Duration:** Time period for which support is provided; renewal prospects.
- (8) **Additional information:** Any benefits, features, restrictions, or limitations (generally nonmonetary) associated with the program.
- (9) **Number awarded:** Total number of recipients each year or other specified period.
- (10) **Deadline:** The month by which applications must be submitted.

- *Individual school-based programs:* The directory identifies "portable" programs—ones that can be used at any number of schools. Financial aid programs administered by individual schools solely for the benefit of their own students or staff are not covered. Write directly to or visit the Internet sites of the schools you are considering to get information on their offerings.
- *Money for study or research outside the United States:* Since there are comprehensive and up-to-date directories that describe all available funding for study and research abroad (see *Financial Aid for Research and Creative Activities Abroad* and *Financial Aid for Study and Training Abroad*, both published by Reference Service Press), only programs that support study or research in the United States are covered here.
- *Very restrictive programs:* In general, programs are excluded if they are open only to a limited geographic area (less than a state), are available to a very limited membership group (e.g., a local union or a tightly targeted organization), or offer limited financial support (under \$1,000 per year).
- *Money that must be repaid:* Only "free money" is identified here. If a program requires repayment or charges interest, it's not listed. Now you can find out about billions of dollars in aid and know that not one dollar of that will ever need to be repaid!
- *Programs that did not respond to our research inquiries:* Programs are included in *How to Pay for Your Degree in Engineering* only if the sponsors responded to our research requests for current information or posted up-to-date information on their web sites (see below for details).

WHAT'S UPDATED?

The preparation of each new edition of *How to Pay for Your Degree in Engineering* involves extensive updating and revision. To make sure that the information included here is both reliable and current, the editors at Reference Service Press 1) reviewed and updated all relevant programs currently in our funding database and 2) searched exhaustively for new program leads in a variety of sources, including directories, news reports, newsletters, annual reports, and sites on the Internet. We only include program descriptions that are written directly from information supplied by the sponsoring organization in print or online (no information is ever taken from secondary sources). When that information could not be found, we sent up to four collection letters (followed by up to three telephone inquiries, if necessary) to those sponsors. Despite our best efforts, however, we were still unable to get verified information from some of the sponsors and, as a result, their programs are not included in this edition of the directory.

The 2011-2013 edition of *How to Pay for Your Degree in Engineering* completely revises and updates the previous (fifth) edition. Programs that have ceased operation have been dropped. Similarly, programs that have broadened their scope and no longer focus on the engineering field have also been removed from the listing. Profiles of continuing programs have been rewritten to reflect current requirements; over 75 percent of the continuing programs reported substantive changes in their locations, deadlines, or benefits since the previous edition was issued. In addition, nearly 350 new entries have been added. The result is a listing of more than 970 scholarships, fellowships, grants, awards, and other funding opportunities available specifically to engineering students.

HOW THE DIRECTORY IS ORGANIZED

The directory is divided into two sections: 1) a detailed list of funding opportunities open to undergraduate and graduate engineering students; and 2) a set of indexes to help you pinpoint appropriate funding programs.

Funding for Engineering Students. The first section of the directory identifies and describes 972 scholarships, fellowships, grants, and awards for engineering students at any level and in any specialty.

The programs listed are sponsored by more than 500 federal and state government agencies, professional organizations, foundations, educational associations, social and religious groups, corporations, and military/veterans organizations.

To help you focus your search, the entries in this section are grouped into two main categories:

- **Undergraduates.** Described here are 671 scholarships, grants, awards, and other funding opportunities that support undergraduate study, training, research, or creative activities in engineering. These programs are open to high school seniors, high school graduates, currently-enrolled college students, and students returning to college after an absence. Money is available to support these students in any type of postsecondary institution, ranging from technical schools and community colleges to major universities.
- **Graduate Students.** Described here are 301 fellowships, grants, awards, and other funding opportunities that support post-baccalaureate study, training, research, and creative activities in the field of engineering. Funding is available for all graduate-level degrees: master's, doctoral, and professional.

Entries in each of the subsections appear alphabetically by program title. Each program entry has been designed to provide a concise profile that, as the sample on page 7 illustrates, includes information (when available) on organization address and telephone numbers (including fax and toll-free numbers), e-mail address and web site, purpose, eligibility, money awarded, duration, special features, limitations, number of awards, and application deadline.

The information provided for each of the programs covered in this section was supplied by sponsoring organizations in print, online, or in response to requests we sent through the first quarter of 2011. While *How to Pay for Your Degree in Engineering* is intended to cover as comprehensively as possible the available funding, some sponsoring organizations did not respond to our research inquiries and, consequently, are not included in this edition of the directory.

Indexes. To help you find the aid you need, we have constructed six indexes; these will let you access the listings by sponsoring organization, residency, tenability, engineering specialty, diversity, and deadline date. These indexes use a word-by-word alphabetical arrangement. Note: numbers in the indexes refer to entry numbers, not to page numbers in the book.

Sponsoring Organization Index. This index makes it easy to identify the more than 500 agencies that offer funding to engineering students for study, training, research, creative, or other activities. Sponsoring organizations are listed alphabetically, word by word. In addition, we've used a code to help you identify the focus of the funding programs sponsored by these organizations: U = Undergraduates; G = Graduate Students.

Residency Index. Some programs listed in this book are restricted to engineering students in particular states or regions. Others are open to students wherever they live. This index helps you identify programs available only to residents in your area as well as programs that have no residency restrictions.

Tenability Index. Some programs in this book can be used only in specific cities, counties, states, or regions. Others may be used anywhere in the United States. Use this index to find out what programs are available to support your educational activities in a particular geographic area.

Engineering Specialty Index. Refer to this index when you want to identify funding in a specific area of engineering. More than three dozen specialties are indexed here, in addition to general practice: acoustical, agricultural, automotive, chemical, civil, electrical, environmental, industrial, mechanical, nuclear, structural, and many others.

Diversity Index. Most of the funding available to students working on an engineering degree is not restricted to any specific ethnicity, physical condition, gender, or sexual orientation. But, because diversity is an important goal for the field, some funding opportunities have been established specifically to encourage ethnic minorities, persons with disabilities, women, and GLBT students to enter the profession. To identify those programs, turn to the Diversity Index, which is arranged by degree level (undergraduate and graduate students) and then by the applicant characteristics that can contribute to a

more diverse profession: ethnicity, disability status, gender, and sexual orientation. Keep in the mind that only programs focusing specifically on engineering fields are listed in this directory and, therefore, indexed here. If you are interested in identifying more general aid available to these groups, there are several other resources available to help you with that: 1) for minorities, see the four-volume *Minority Funding Set* published by Reference Service Press, which lists thousands of programs available to African Americans, Asian Americans, Hispanic Americans, and Native Americans; 2) for persons with disabilities, look at *Financial Aid for the Disabled and Their Families*, also published by Reference Service Press, which identifies more than 1,200 opportunities representing billions of dollars in aid; 3) for women, check out the more than 1,400 funding programs described in Reference Service Press's *Directory of Financial Aid for Women*; and 4) for GLBT students: go to the Human Rights Campaign's online *Scholarship Database* (www.hrc.org).

Calendar Index. Since most financial aid programs have specific deadline dates, some may have closed by the time you begin to look for funding. You can use the Calendar Index to identify which programs are still open. This index is arranged by student group (undergraduates and graduate students) and divided by month during which the deadline falls. Filing dates can and quite often do vary from year to year; consequently, the dates in this index should be viewed as only approximations after mid-2013.

HOW TO USE THE DIRECTORY

Here are some tips to help you get the most out of the financial aid listings in *How to Pay for Your Degree in Engineering*.

To Locate Funding by Educational Level. If you want to get an overall picture of the sources of free money available to support either undergraduates or graduate students in engineering, turn to the appropriate category in the first section of the guide and browse through the listings there. Originally, we also intended to subdivide these two chapters by purpose (study and training versus research and creative activities). Once the compilation was complete, however, it became clear that many of the programs provided funding for both functions. Thus, further subdivision (beyond educational level) would have been unnecessarily repetitious.

To Find Information on a Particular Financial Aid Program. If you know the name and degree focus of a particular financial aid program, you can go directly to the appropriate category in the first section of the directory, where you'll find program profiles listed alphabetically by title.

To Browse Quickly Through the Listings. Look at the listings in the educational section that relates to you (undergraduates or graduate students) and read the "Summary" field in each entry. In seconds, you'll know if this is an opportunity that might apply to you. If it is, read the rest of the information in the entry to make sure you meet all of the program requirements before writing or going online for an application form. Remember: don't apply if you don't qualify!

To Locate Financial Aid Programs Sponsored by a Particular Organization. The Sponsoring Organization Index makes it easy to determine which groups are providing funding to undergraduate and graduate engineering students (more than 500 are listed here), as well as to identify specific financial aid programs offered by a particular sponsor. Each entry number in the index is coded to indicate educational level (undergraduates and graduate students), to help you target appropriate entries.

To Locate Financial Aid Based on Residency or Where You Want to Study/Conduct Your Research. Use the Residency Index to identify funding that has been set aside for engineering students in your area. If you are looking for funding to support activities in a particular city, county, state, or region, turn to the Tenability Index. Both of these indexes are subdivided by educational level (undergraduates and graduate students), to help you identify the funding that's right for you. When using these indexes, always check the listings under the term "United States," since the programs indexed there have no geographic restrictions and can be used in any area.

To Locate Financial Aid for Study or Research in a Specific Engineering Specialty. Turn to the Specialty Index first if you are interested in identifying available funding in a specific area of engineering (more than three dozen different specialties are indexed there). As part of your search, be sure to check the listings in the index under the "General" heading; that term identifies programs supporting

activities in any area of engineering (although they may be restricted in other ways). Each index entry indicates whether the funding is available to undergraduates or to graduate students.

To Locate Funding Programs Designed to Encourage Diversity in Engineering. If you want to know which funding opportunities in this directory are aimed specifically at minorities, persons with disabilities, women, or GLBT students, turn to the Diversity Index. There, you'll find access to appropriate programs by both degree level and diversity characteristics.

To Locate Financial Aid by Deadline Date. If you are working with specific time constraints and want to weed out financial aid programs whose filing dates you won't be able to meet, turn first to the Calendar Index and check the program references listed under the appropriate group (undergraduates and graduate students) and month. Note: not all sponsoring organizations supplied deadline information; those programs are listed under the "Deadline not specified" entry in the index. To identify every relevant financial aid program, regardless of filing dates, go to the first section and read through all the entries in the chapter that matches your degree level (undergraduates or graduate students).

PLANS TO UPDATE THE DIRECTORY

This is the sixth edition of *How to Pay for Your Degree in Engineering* (the first two editions were issued under the title *RSP Funding for Engineering Students*). The next edition will cover the years 2013-2015 and will be released in mid-2013.

OTHER RELATED PUBLICATIONS

In addition to *How to Pay for Your Degree in Engineering*, Reference Service Press publishes several other titles that would be of interest to engineering students, including *College Student's Guide to Merit and Other No-Need Funding*, *Money for Graduate Students in the Physical and Earth Sciences*, and *Financial Aid for Study and Training Abroad*. For more information on these and other related publications, you can 1) write to Reference Service Press' Marketing Department at 5000 Windplay Drive, Suite 4, El Dorado Hills, CA 95762; 2) call us at (916) 939-9620; 3) fax us at (916) 939-9626; 4) send us an e-mail message: info@rspfunding.com; or 5) visit our web site: www.rspfunding.com.

ACKNOWLEDGEMENTS

A debt of gratitude is owed all the organizations that contributed information to *How to Pay for Your Degree in Engineering*. Their generous cooperation has helped to make the sixth edition of this publication a current and comprehensive survey of funding available to undergraduate and graduate engineering students.

ABOUT THE AUTHORS

Dr. Gail Schlachter has worked for more than three decades as a library manager, a library educator, and an administrator of library-related publishing companies. Among the reference books to her credit are the biennially-issued *Directory of Financial Aids for Women* and two award-winning bibliographic guides: *Minorities and Women: A Guide to Reference Literature in the Social Sciences* (which was chosen as an "Outstanding Reference Title of the Year" by *Choice*) and *Reference Sources in Library and Information Services* (which won the first Knowledge Industry Publications "Award for Library Literature"). She was the reference book review editor for *RQ* (now *Reference and User Services Quarterly*) for 10 years, is a past president of the American Library Association's Reference and User Services Association (RUSA, formerly RASD), is a former editor-in-chief of *Reference and User Services Quarterly*, and is currently serving her fifth term on the American Library Association's governing council. In recognition of her outstanding contributions to reference service, Dr. Schlachter has been named the University of Wisconsin School of Library and Information Studies "Alumna of the Year" and has been awarded both the Isadore Gilbert Mudge Citation and the Louis Shores/Oryx Press Award.

Dr. R. David Weber taught history and economics at Los Angeles Harbor College (in Wilmington, California) for many years and continues to teach history as an emeritus professor. During his years of full-time teaching there, and at East Los Angeles College, he directed the Honors Program and was frequently chosen the "Teacher of the Year." He is the author of several critically-acclaimed reference works, including *Dissertations in Urban History* and the three-volume *Energy Information Guide*. With Gail Schlachter, he is the author of Reference Service Press' award-winning *College Student's Guide to Merit and Other No-Need Funding*, which was selected by *Choice* as one of the "Outstanding Academic Titles of the Year," and a number of other financial aid publications, including *Financial Aid for African Americans*, which was named the "Editor's Choice" by *Reference Books Bulletin*.

Funding for Engineering Students

- Undergraduates* ●
- Graduate Students* ●

Undergraduates

Listed alphabetically by program title are 671 scholarships, grants, awards, and other funding opportunities that support undergraduate study, training, research, and creative activities in engineering in the United States. Check here if you are looking for funding for undergraduates in any area of engineering, including general practice, acoustical, agricultural, automotive, chemical, civil, electrical, environmental, industrial, mechanical, nuclear, structural, etc. All of this is free money. Not one dollar will ever need to be repaid (provided all program requirements are met)!

[1] AACE INTERNATIONAL COMPETITIVE SCHOLARSHIPS

AACE International
Attn: Staff Director-Education
209 Prairie Avenue, Suite 100
Morgantown, WV 26501-5934
(304) 296-8444 Toll Free: (800) 858-COST
Fax: (304) 291-5728 E-mail: info@aacei.org
Web: www.aacei.org/awards/scholarships

Summary To provide financial assistance to undergraduate and graduate students in the United States or Canada working on a degree related to total cost management (the effective application of professional and technical expertise to plan and control resources, costs, profitability, and risk).

Eligibility Applicants may be undergraduate students (second year standing or higher) or graduate students. They must be enrolled full time in a degree program in the United States or Canada that is related to the field of cost management/cost engineering, including agricultural engineering, architectural engineering, building construction, business administration, chemical engineering, civil engineering, electrical engineering, industrial engineering, manufacturing engineering, mechanical engineering, mining engineering, or quantity surveying. Selection is based on academic performance (35%), extracurricular activities (35%), and an essay (30%) on the value of study in cost engineering or total cost management and why it is important to their academic objectives and career goals.

Financial Data Stipends range from \$2,000 to \$8,000 per year.

Duration 1 year.

Additional data AACE International was formerly the Association for the Advancement of Cost Engineering.

Number awarded Varies each year. Recently, 21 of these scholarships were awarded.

Deadline February of each year.

[2] ABBOTT LABORATORIES/HENAAC SCHOLARS PROGRAM

Great Minds in STEM
Attn: HENAAC Scholars
3900 Whiteside Street
Los Angeles, CA 90063
(323) 262-0997 Fax: (323) 262-0946
E-mail: kbbarrera@greatmindsinstem.org
Web: www.greatmindsinstem.org/henaac/scholars

Summary To provide financial assistance to Hispanic undergraduate students majoring in a field of science, technology, engineering, or mathematics (STEM).

Eligibility This program is open to Hispanic students who are working on an undergraduate degree in a field of STEM. Applicants must be of Hispanic origin and/or must significantly participate in and promote organizations and activities in the Hispanic community. They must have a GPA of 3.0 or higher. Along with their application, they must submit a 700-word essay on a topic that changes annually; recently, students were asked to write on how they see their academic major contributing to global efforts and technology and how they, in their field of study, will contribute to global progress as well as actively contribute to their local communities. Selection is based on leadership through academic achievements and campus and community activities; financial need is not considered.

Financial Data Stipends range from \$500 to \$5,000.

Duration 1 year; recipients may reapply.

Additional data The Hispanic Engineer National Achievement Awards Conference (HENAAC) was established in 1989 and initiated a scholarship program in 2000. In 2010, the sponsoring organization officially adopted its current name, but it continues to hold the annual HENAAC conference, at which the scholarships are presented. This program is sponsored by Abbott Laboratories. Recipients must attend the conference to accept their scholarship.

Number awarded Varies each year. Recently, 2 of these scholarships were awarded.

Deadline April of each year.

[3] ACA NSF SCHOLARSHIPS FOR STEM MAJORS

Appalachian College Association
Attn: Director of Fellowships and Scholarships
210 Center Street
Berea, KY 40403
(859) 986-4584, ext. 1005 Fax: (859) 986-9549
E-mail: kimg@acaweb.org
Web: www.acaweb.org

Summary To provide financial assistance to students majoring in natural science, technology, engineering, and mathematics (STEM) disciplines at colleges and universities that are members of the Appalachian College Association (ACA).

Eligibility This program is open to full-time students enrolled as sophomores, juniors, or seniors at ACA member institutions. Applicants must be majoring in a STEM discipline, have a GPA of 3.0 or higher, and be able to document financial need. They must be U.S. citizens, documented refugees, or permanent residents. Along with their application, they must submit a 500-word essay describing their career ambitions, their commitment to the Appalachian region, and the potential benefits to Appalachia of their degree choice. Preference is given to graduates of high schools in the Appalachian region.

Financial Data The stipend is \$6,000 per year.

Duration 1 year; may be renewed 1 additional year.

Additional data Funding for this program, which began in 2003, is provided by the National Science Foundation (NSF). The ACA includes member institutions in Kentucky (Alice Lloyd College, Berea College, Campbellsville University, University of the Cumberlands, Kentucky Christian University, Lindsey Wilson College, Pikeville College, and Union College), North Carolina (Brevard College, Lees-McRae College, Lenoir-Rhyne College, Mars Hill College, Montreat College, and Warren Wilson College), Tennessee (Bryan College, Carson-Newman College, Hiwassee College, King College, Lee University, Lincoln Memorial University, Maryville College, Milligan College, Tennessee Wesleyan College, Tusculum College, and University of the South), Virginia (Bluefield College, Emery & Henry College, Ferrum College, and Virginia Inter-mont College), and West Virginia (Alderson-Broaddus College, Bethany College, Davis & Elkins College, Ohio Valley University, University of Charleston, West Virginia Wesleyan College, and Wheeling Jesuit University).

Number awarded 30 each year.

Deadline March of each year.

**[4]
ACCELERATED GENETICS SCHOLARSHIPS**

National FFA Organization
Attn: Scholarship Office
6060 FFA Drive
P.O. Box 68960
Indianapolis, IN 46268-0960
(317) 802-4419 Fax: (317) 802-5419
E-mail: scholarships@ffa.org
Web: www.ffa.org

Summary To provide financial assistance to FFA members currently studying an agriculture-related subject in college.

Eligibility This program is open to members currently enrolled full time in college and working on a 2- or 4-year degree in agriculture, education, communications, management, finance, marketing, sales, science, or engineering. Applicants, or their parents, must be purchasing semen or farm products from an authorized Accelerated Genetics representative. They must live on a family-owned farm. Selection is based on academic achievement (10 points for GPA, 10 points for SAT or ACT score, 10 points for class rank), leadership in FFA activities (30 points), leadership in community activities (10 points), and participation in the Supervised Agricultural Experience (SAE) program (30 points). U.S. citizenship is required.

Financial Data The stipend is \$1,000. Funds are paid directly to the recipient.

Duration 1 year; nonrenewable.

Additional data Funding for these scholarships is provided by Accelerated Genetics.

Number awarded 2 each year.

Deadline February of each year.

**[5]
ACCELERATOR APPLICATIONS DIVISION
SCHOLARSHIP**

American Nuclear Society
Attn: Scholarship Coordinator
555 North Kensington Avenue
La Grange Park, IL 60526-5592
(708) 352-6611 Toll Free: (800) 323-3044
Fax: (708) 352-0499 E-mail: outreach@ans.org
Web: www.ans.org/honors/scholarships/aad.html

Summary To provide financial assistance to undergraduate students who are interested in preparing for a career dealing with accelerator applications aspects of nuclear science or nuclear engineering.

Eligibility This program is open to students entering their junior year in physics, engineering, or materials science at an accredited institution in the United States. Applicants must submit a description of their long- and short-term professional objectives, including their research interests related to accelerator aspects of nuclear science and engineering. Selection is based on that statement, faculty recommendations, and academic performance. Special consideration is given to members of underrepresented groups (women and minorities), students who can demonstrate financial need, and applicants who have a record of service to the American Nuclear Society (ANS).

Financial Data The stipend is \$1,000 per year.

Duration 1 year (the junior year); may be renewed for the senior year.

Additional data This program is offered by the Accelerator Applications Division (AAD) of the ANS.

Number awarded 1 each year.

Deadline January of each year.

**[6]
ACCENTURE UNDERGRADUATE
SCHOLARSHIPS**

American Indian Graduate Center
Attn: Executive Director
4520 Montgomery Boulevard, N.E., Suite 1-B
Albuquerque, NM 87109-1291
(505) 881-4584 Toll Free: (800) 628-1920
Fax: (505) 884-0427 E-mail: aigc@aigc.com
Web: www.aigc.com

Summary To provide financial assistance for college to Native American high school seniors interested in majoring in the fields of engineering, business, or technology.

Eligibility This program is open to enrolled members of U.S. federally-recognized American Indian tribes and Alaska Native groups who can provide a Certificate of Indian Blood (CIB). Applicants must be entering freshmen at an accredited U.S. college or university, planning to work full time on a bachelor's degree in engineering, computer science, operations management, finance, marketing, management, or other business-oriented fields. They must have a GPA of 3.0 or higher. Along with their application, they must submit an essay describing their character, personal merit, and commitment to community and American Indian or Alaska Native heritage. Financial need is also considered in the selection process.

Financial Data The stipend is \$5,000 per year.

Duration 4 years.

Additional data This program, established in 2005, is supported by Accenture.

Number awarded 3 each year.

Deadline April of each year.

**[7]
ACIL ACADEMIC SCHOLARSHIPS**

American Council of Independent Laboratories
Attn: ACIL Scholarship Alliance
1629 K Street, N.W., Suite 400
Washington, DC 20006-1633
(202) 887-5872 Fax: (202) 887-0021
E-mail: info@acil.org
Web: www.acil.org/displaycommon.cfm?an=13

Summary To provide financial assistance to upper-division and graduate students working on a degree in the natural or physical sciences.

Eligibility This program is open to college juniors, seniors, and graduate students majoring in physics, chemistry, engineering, geology, biology, or environmental sciences. Applicants must submit a brief resume or personal statement outlining their activities in college, including their field of study and future plans. Selection is based on academic achievement, career goals, leadership, and financial need. Children and grandchildren of employees of member companies of the American Council of Independent Laboratories (ACIL) who are planning scientific or engineering careers are especially encouraged to apply.

Financial Data Stipends range from \$1,000 to \$4,000.

Duration 1 year.

Number awarded Varies each year.

Deadline April of each year.

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do not display here.
Scroll down to see the last pages of the
book**

Calendar Index

Since most financial aid programs have specific deadline dates, some may have already closed by the time you begin to look for funding. You can use the Calendar Index to identify which undergraduate or graduate funding programs are still open. To do that, go to the educational category that applies to you, think about when you'll be able to complete your application forms, go to the appropriate months, jot down the entry numbers listed there, and use those numbers to find the program descriptions in the directory. Keep in mind that the numbers cited here refer to program entry numbers, not to page numbers in the book.

Undergraduates:

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