

CMNST Scholarship and Support Programs

Common Application

2016-2017
Delaware State University

Visit our webpage at:

<http://www.desu.edu/mathematics-natural-sciences-and-technology/support-programs-science-majors>



CMNST Scholarship and Support Programs

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Limited funds have been provided to the College of Mathematics, Natural Sciences and Technology of Delaware State University for the purpose of recognizing and/or assisting students pursuing one of the

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degrees offered in the college. Some awards are monetary; others are honorary and serve to recognize student academic accomplishments. The amount received is dependent on the availability of funds. Eligibility for most monetary awards is limited to U.S. citizens who are declared majors in one of the disciplines of CMNST. Additionally, some of the awards are based on the student's financial need. Requirements for scholarships or awards vary depending on the department or program as outlined in this information packet. In addition to the CMNST application, returning students **must file for [FAFSA](#) by April 15** and submit the online application to [returning and transfer students](#) by **April 1, 2016** prior to being considered for one the scholarships/awards defined in this packet.

[HTTP://WWW.DESU.EDU/RETURNING-TRANSFER-SCHOLARSHIPS](http://www.desu.edu/returning-transfer-scholarships)

Funds will be credited to the accounts of student recipients for the designated semester of the award. Depending upon the type of award, these funds must be used to pay tuition, fees and books at Delaware State University. Use of these funds for any other purpose is fraudulent and will result in legal action to recover misused funds and the ineligibility of the offenders for any future Departmental or University awards or support.

Scholarship decisions will be made on the basis of:

- 1) the student's academic record and demonstrated scholarship;**
- 2) the financial need of the student; Students whose financial needs are largely/entirely provided by other sources will not be high priority candidates;**
- 3) the content and quality of the student's prepared statement;**
- 4) the academic and professional aspirations of the student;**
- 5) Financial awards are not given to graduating seniors as the awards are applied to the following academic year.**

Please send your completed application (page 16-18) and supporting documents to:

**Mrs. Jarso Saygbe, Dir., Academic Advisement Center
College of Mathematics, Natural Sciences and Technology
Wm. C. Jason Library, 6th Floor
Delaware State University
Dover, DE 19901**

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Biology Department Scholarship and Awards:

In addition to the general application herein, please include a 1-2 page typed essay to support your request for financial support. In this essay you should describe your educational and career goals, referring to specific areas of Biology that interest you and include evidence of your scholarship and accomplishments. If you are applying for funding, clearly identify all the financial support you are currently receiving and state how it falls short of fulfilling your current academic needs. Please also include an unofficial transcript with your application. The amounts for awards vary based on availability.

Cancer Federation Scholarship (\$)

Sophomores or juniors who have or are currently doing translational-based research or those who have an interest in a health professions career are eligible for the award. Applicants must have a GPA of at least 3.0 within the major. Topics to address in your essay are listed below.

1. Explain your role in research that has relevant human application (translational-based), either within or external to the department of Biological Sciences.
2. Describe any internship or other workshops/activities that have enhanced your knowledge and experience in the field of cancer biology or health professions.
3. Describe any departmental, campus or community service/outreach efforts that you have been involved in. If directly related to the field of cancer biology or health professions, please specify.
4. Do you have plans to pursue a career related to cancer biology or health professions? If yes, please explain your pursuits.

Departmental Scholarships (\$)

Declared freshman, sophomore or junior biology majors are eligible to apply for these scholarships. Special consideration will be given to students who plan on pursuing a career in biology and/or have served an active role in some capacity within the department. To be considered a student must have earned an overall GPA of 3.0 for at least one semester.

Thoughts to include in your essay are listed below.

1. Describe your active involvement with departmental and campus activities and how this strengthens you as a contributing member of the department.
2. Are you involved with outreach or community activities? If yes, then draw a link between these activities and your role as a DSU biology/ forensics biology major.
3. Describe how specific courses that you have taken at DSU have strengthened your ability to achieve your career and post-graduate education goals.

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Norman H. Dill Award (\$)

Sophomores or juniors with an overall GPA of at least 3.0 who have maintained a high profile in the department and have been involved in and supportive of departmental activities and programs. Individuals who are dedicated to the department and its operations are particularly well suited for this award. Especially important is an interest in a wide range of biological areas. Individuals who look at issues from a global perspective and act in ways that promote global welfare of humankind would be very much aligned with the spirit of Dr. Norman H. Dill. Thoughts to include in your essay are listed below.

1. What departmental activities or programs have you been involved in at DSU?
2. What contributions do you feel you have made to the department? These can include improving visibility on campus or in the community as well as improvements to better the department (students and faculty) as a whole.
3. In what ways do you believe your career goals align with some of the global issues our country or world face?

Shalita Middleton Memorial Award (\$)

Ms. Middleton began her career at DSU in 2007 as a forensic biology major. Unfortunately, her life ended before she had the chance to realize her career goal. Shalita demonstrated great promise and would have been an outstanding scholar and role model. Established in her honor, this award may be given to a sophomore or junior who are declared Forensics majors with a GPA of at least 3.0 in the major and who have demonstrated a dedication to the pursuit of a career in Forensic Science. Students must be declared in the major for at least two semesters to be eligible to apply. Thoughts to include in your essay are listed below.

1. What are your career plans in forensics and who/ what is your motivation for pursuing a degree/career in forensics?
2. Briefly describe a moment or situation in your life that you consider a turning point, which made you realize the importance of obtaining a post-secondary (college) degree?
3. Proper social behavior/conduct and a clean criminal record are critical in establishing a career in forensics. Describe a situation in which you were challenged to participate in social or legal misconduct (i.e. use of drugs, vandalism, drunk driving, etc.) and explain how you avoided participation in such activities or how you influenced your friend(s) to avoid participation in these activities.

All students applying for scholarships in CMNST must complete the attached application, FAFSA application as well as the DSU returning students application at: [HTTP://WWW.DESU.EDU/RETURNING-TRANSFER-SCHOLARSHIPS](http://www.desu.edu/returning-transfer-scholarships)

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Chemistry Department Scholarship & Award

Departmental Scholarships (\$)

Declared freshman, sophomore or junior chemistry majors are eligible to apply for these scholarships. Special consideration will be given to students who plan on pursuing a career in chemistry and/or have served an active role in some capacity within the department.

Hach Scientific Foundation Scholarship

Chemistry major with a commitment to become a chemistry teacher, GPA 3.0 or higher, preference given to students with demonstrated financial need. **Renewable**

John Simms Endowed Scholarship

Student excelling in Chemistry may apply for this scholarship.

Ronald & Ethel Machen Endowed Scholarship

General scholarship for a deserving student majoring in Chemistry.

Department of Mathematics

Authur Braggs Scholarship

Declared Mathematics majors demonstrating academic excellence and a financial need.

Department of Physics and Engineering Awards & Scholarships

Departmental Scholarships (\$)

Declared freshman, sophomore or junior physics majors are eligible to apply for these scholarships. Special consideration will be given to students who plan on pursuing a career in physics/engineering and/or have served an active role in some capacity within the department.

UNIVERSITY SCHOLARSHIPS

Luna I. Mishoe Endowed Scholarship

Student must have a minimum GPA of 3.25 in one of the following degree programs: Mathematics, Computer Science, Chemistry, Biology, Physics and Pre-Engineering, or Science Education.
Renewable

All students applying for scholarships in CMNST must complete the attached application as well as the DSU returning students application at:

[HTTP://WWW.DESU.EDU/RETURNING-TRANSFER-SCHOLARSHIPS](http://www.desu.edu/returning-transfer-scholarships)

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INSPIRE Scholarship

The Inspire Scholarship is for Delaware HS graduates to attend DSU and pursue their dream of obtaining a college education. Students must apply through the Office of Admission.

Eligibility:

- Be regularly admitted and enroll in the fall semester immediately following graduation from a Delaware public or non-public high school
- Earn a minimum cumulative GPA of 2.75 or higher on a 4.0 scale, as indicated on the student's official high school transcript
- Complete the FAFSA by March 15 and accept all forms of financial aid for which the student is eligible, except for loans
- Have no felony convictions
- Complete 10 hours of community service, as defined by the institution, each semester at DSU

CMNST Scholarship and Support Programs

Funding your college education, and emerging from the college experience fully prepared for the 21st century STEM (*Science, Technology, Engineering and Mathematics*) workplace, is, by far, one of the most difficult challenges you will face. There are many decisions to make that will potentially impact your future, in a very short amount of time.

You already know that getting good grades is important, but what else does it take to be "competitive" in the current economic climate? What *more* should you be doing to better position yourself to further your education? What should you be doing to develop professionally in your field? What scholarships, awards, and internships should you actively pursue to achieve your goal?

At Delaware State University, your advisor, along with the faculty and staff of CMNST, are part of a TEAM that is ready and willing to advise and help guide you in what the best possible path is for YOU.

Our College offers information on several support programs for students of STEM disciplines seeking college funds and research training opportunities. Each program typically has fellowship competition each semester depending on the resources available. These are widely disseminated on their web portals. It is your responsibility to keep up to date with each program.

CREOSA — Center for Research and Education in Optical Sciences and Applications & CAOSS – Center for Applied Optics for Space Science

- Student research program with an emphasis on lasers and optics, scholarships, internships available.
 - Eligibility: sophomore, junior or senior. Preferred Physics, Mathematics, or Computer Science majors but Biology & Chemistry majors will be considered. Students should have a GPA of 2.8 or higher.
 - Stipend:
 - Undergraduate research assistant: Up to \$5600 per academic year. Students work 20 hrs per week in a research laboratory at a pay rate of \$8.00/hr.
 - Undergraduate Summer Program: \$4000 (8-10 week research) for rising sophomores, juniors and seniors.
- Selection process: Submit a completed application with an unofficial transcript to the contact person when the competition opens.

For more information, contact:

Ms. Jackie Jones
Delaware State University
1200 North Dupont Highway
Dover, Delaware 19901
Ph: 302-857-6650
[Email: jjones@desu.edu](mailto:jjones@desu.edu)

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Delaware EPSCoR RII — Center for Integrated Biological & Environmental Research (C.I.B.E.R.)

Student research opportunities in biological and environmental sciences for conducting summer research working with faculty research mentors in both the College of Agriculture & Related Sciences and the College of Mathematics, Natural Sciences and Technology.

Eligibility:

- Rising sophomore, junior or senior with minimum GPA of 3.0 at time of application.
- Stipend: Approximately \$4,000 for a 9 week summer internship (depending on funding)
- Selection Process: EPSCoR has a separate application and the call for applications will begin in late February/early March. Students should submit a completed application with an unofficial transcript to the designated person(s) on the application.

For more information, contact:

Dr. Venu Kalavacharla
Associate Professor, Plant Molecular Genetics & Genomics
Director, DSU Center for Integrated Biological & Environmental Research (CIBER)
Delaware State University
Dover, DE 19901
(302) 857-6453
ciber@desu.edu

Greater Philadelphia AMP — Alliance for Minority Participation in the Sciences

Scholarships for undergraduate studies, career and graduate programs preparation, and networking opportunities. Submit a completed application with an unofficial transcript to the contact person when the competition opens.

For more information, contact:

Dr. Mazen Shahin
AMP Program
Delaware State University
1200 North Dupont Highway
Dover, Delaware 19901
Ph: 302-857-7869
mshahin@desu.edu

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HSRC — Hydrogen Storage Research Center

Studies in hydrogen storage and ecologically-friendly fuel storage options, scholarships and internships available.

- Stipend: \$3,500 10 week summer internship
- Eligibility: Second semester freshmen and sophomores majoring in Biology, Chemistry, Physics, Mathematics, or Computer Science with a GPA of 3.0 or higher.
- Selection process: submit a completed application with an unofficial transcript to the contact person when the competition opens.

For more information, contact:

Dr. Andrew Goudy
Delaware State University
1200 N Dupont Hwy
Dover, DE 19904
(302)857-6530
agoudy@desu.edu

INBRE III— IDeA Network of Biomedical Research Excellence

The DSU INBRE program provides research opportunities for faculty and students aiming to expand their level of expertise. Undergraduate student stipends are available in biomedical science-related majors as well as external research opportunities and enrichment programs. For more information and the application, please visit: <http://www.desu.edu/dsuinbre>

For more information, please visit the Delaware Biotechnology Institute or contact: Dr. Hacene Boukari

Associate Professor, Physics & Engineering Department
INBRE Director
Email: hboukari@desu.edu
Phone: 302.857.6511

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EXTERNAL SCHOLARSHIPS

College Scholarships.org

<http://www.collegescholarships.org/>

Davidson Fellows Scholarship

The Davidson Fellows scholarship program, established in 2001, recognizes exceptional students and supports them in the fulfillment of their potential. Each year, Fellows are awarded scholarships of \$50,000, \$25,000 or \$10,000 and are recognized for their achievements at a special awards reception in Washington, D.C. The application categories are Science, Technology, Mathematics, Literature, Music, Philosophy and "Outside the Box." For more information visit:

<http://www.davidsongifted.org/Fellows>

Delaware Governor's Workforce Development Grants

All applicants for the Delaware Governor's Workforce Development Grants must be 18 or older, residents of Delaware, and U.S. citizens or eligible non-citizens.

Employment requirements:

- You must be employed by a company in Delaware that contributes to the Blue Collar Training Fund Program. Employees of government agencies, hospitals, and nonprofit agencies are not eligible.
- Any part-time or temporary employment at an eligible company qualifies.
- If employed full-time, you must work for an eligible small business with 100 or fewer employees.

For more information, visit:

http://www.doe.k12.de.us/infosuites/students_family/dheo/default.shtml

Delaware Community Foundation

<http://www.delcf.org>

Department of Homeland Security Education Program

<http://www.orau.gov/dhsed/>

HCF-Hispanic College Fund

Students of Hispanic background with a Grade Point Average of 3.0 (on a 4.0 scale) are eligible to apply for the HCF scholarship. Applications for the Fall academic school year is typically open in late fall to early spring of the previous academic year.

For a full listing of sponsors visit: www.hispanicfund.org

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HENAAC Scholars Program

Application Deadlines: April 30, Annually. The HENAAC Scholars Program awards scholarships ranging in amounts from \$500 to \$8,500. Applicants must have demonstrated leadership through academic achievements and campus/community activities, must be engineering, math, computer [science or material science majors, have an overall GPA of 3.0 and](#) must be enrolled in an undergraduate or graduate program for the coming fall semester.

For details, visit: www.greatmindsinstem.org/henaac/scholars

PQC International Scholarship Program

[The PQC Scholarship Program](#) offers scholarships to high school students who excel in math, science and technology and who are serious on focusing their studies on these areas once accepted to college. We have a number of scholarships of various monetary amounts:

- The Rev. Fletcher P. Phillips Scholarship
- The Hattie Bell Payne Scholarship
- The Frank and Ester Ward Scholarship
- The Emma Fields Scholarship
- The Hawatha Northington Scholarship

If you would like to be considered for a scholarship and are a high school senior, please e-mail

scholarships@pqcinternational.com or visit our website:

<http://pqcinternational.com/OUTREACH/ScholarshipProgram.aspx>

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SAPA Scholarship

The Foundation will award undergraduate scholarships to outstanding students, known as SAPA Scholars, in **July** for use during their freshman year. The awards will be made on the basis of merit to those who have outstanding potential and intend to pursue careers in life sciences. Each scholarship awards a one-time fund of minimal \$1000 towards tuition payment. The scholarship is merit-based and open to national competition. The Trustees intend to award two or more SAPA Scholarships each year. Nominees for SAPA Scholarships must include in their application materials a statement of interest in pursuing a career related to life sciences. For more information, visit: <http://www.sapaweb.org/new/home.htm>

SMART-- Science, Mathematics and Research for Transformation Defense Scholarship for Service Programs

The Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program has been established by the Department of Defense (DoD) to support undergraduate and graduate students pursuing degrees in Science, Technology, Engineering and Mathematics (STEM) disciplines. The program aims to increase the number of civilian scientists and engineers working at DoD laboratories.

For more information, visit: <http://smart.asee.org/>

The Agenda for Delaware Women Trailblazer Scholarships

The Agenda for Delaware Women Trailblazer Scholarships are for women who are legal residents of Delaware and will enroll in a public or private nonprofit college in Delaware as an undergraduate student in the coming school year. The award will be based 50% on financial need and 50% on community/school activities, vision, participation, and leadership. For more information, visit:

http://www.doe.k12.de.us/infosuites/students_family/dheo/default.shtml

The Diamond State Scholarship

The Diamond State Scholarship is a merit-based award for Delaware residents who are graduating high school seniors enrolling at regionally accredited colleges in the U.S. Eligibility:

- Legal residents of Delaware
- U.S. citizens or eligible non-citizens
- High school seniors who rank in upper quarter of class
- Combined score of at least 1800 on the SAT
- Enrolled as a full-time student in a degree program at a nonprofit, regionally accredited institution

For more information, visit:

http://www.doe.k12.de.us/infosuites/students_family/dheo/default.shtml

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The National Society of High School Scholars Foundation (NSHSS)

NSHSS Foundation STEM scholarships are created to help reduce financial barriers for high school seniors interested in entering college to pursue STEM majors--Science, Technology, Engineering, and Mathematics. The scholarships are for entering college freshmen who belong to underrepresented groups in STEM careers. For more information visit: <http://www.nshssfoundation.org> or contact:

Dr. Susan Thurman
Executive Director
The National Society of High School Scholars Foundation
National Headquarters
1936 North Druid Hills Road
Atlanta, GA 30319
Telephone: (404) 235-5500

Universities Space and Resource Associations Scholarships

The purpose of the USRA Scholarship Program is to provide a stipend to college students who have shown a career interest in the physical sciences or engineering with an emphasis on space research or space science education. This would include, but is not limited to, aerospace engineering, astronomy, bio-physics, chemistry, chemical engineering, physics, and space science education.

In order to apply, you must have completed at least two years (2) years of college credits with a minimum 3.50 GPA by the time the award is received, U.S. citizenship is required. For more information, visit: http://www.usra.edu/cs/usra_scholarship_program

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CMNST SCHOLARSHIP APPLICATION

Name: _____

(PRINT THIS AND ALL INFORMATION NEATLY AND CLEARLY)

Current Classification (pick one): ☐ Freshman ☐ Sophomore ☐ Junior ☐ Senior

Major: _____ DSU ID# _____

Complete Local Address: _____

Local Phone Number: _____

Permanent Address: _____

Cell Phone Number: _____

Email address: _____

At the conclusion of the most recent semester, what
was your G.P.A.:

☐ Spring ☐ Fall Semester G.P.A.: _____ Cumulative G.P.A.: _____ Major G.P.A.: _____

Total Credit Hours Earned at the end of the most recent semester: _____

Are you currently employed? _____ If yes, answer the following questions.

Place of employment: _____ Hours worked per week: _____

RESIDENCY (Check one)

_____ U.S. Citizen

_____ U.S. Permanent Resident

_____ Non-resident

ETHNICITY (Check all that apply):

_____ Black or African American

_____ Native American

_____ Pacific Islander

_____ Hispanic or Latino

_____ Multiracial/Other

_____ White non-Hispanic

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HAVE YOU BEEN DECLARED ELIGIBLE FOR FINANCIAL AID FOR THE UPCOMING 20____-20____ SCHOOL YEAR UNDER ANY GOVERNMENT PROGRAMS?

- 1) Federal (subsidized) Stafford Loan Yes ____ No
2) Federal College Work Study Yes ____ No
3) Federal Perkins Loan Yes ____ No
4) Federal Supplemental Opportunity Educational Grant (SEOG) Yes ____ No
5) Federal Pell Grant Yes ____ No

To be eligible for a monetary award, a student must: (1) be a US citizen or permanent resident, (2) have completed and filed the *FAFSA* application with the Financial Aid Office (3) have completed and filed the DSU Scholarship Application (both FAFSA application and DSU Scholarship application available at www.desu.edu/scholarships/returning_students.php AND (4) have signed the following statement.

Additional Application information

In addition to this application and an unofficial transcript, submit a neatly and carefully prepared, word-processed essay to support your request for financial support. In this essay you should describe your educational and career goals, referring to specific areas of study that interest you and include evidence of your scholarship and accomplishments. Refer to the scholarship descriptions for specific topics to be included in the essay. Your statement is very important and will be critically evaluated by the committee, so be sure to put serious effort into its preparation.

Application Deadlines

Delaware State University online application: **January-March 15th**

[HTTP://WWW.DESU.EDU/RETURNING-TRANSFER-SCHOLARSHIPS](http://www.desu.edu/returning-transfer-scholarships)

This application must be completed in order to be considered for any of the scholarships/awards in CMNST.

CMNST- application for Scholarships (Departmental and College): **Early Spring 20____ - TBD**

CMNST- application for Support Programs

I give my permission for the members of the CMNST and Departmental/Program Scholarship Committee to examine all records and financial aid information on file for me at Delaware State University as it may pertain to my eligibility for this scholarship award. With my signature I declare that all information I have provided in this application and my personal statement (see below) is accurate and complete.

Signature: _____

Date: _____

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Completed applications must be submitted by 4:30 pm on the deadline date.

Office of the Dean, CMNST
Delaware State University
6th flr, Dean's Suite,
William C. Jason Library
1200 N. Dupont Hwy Dover, DE 19901

<u>Application Checklist</u>		<u>Application Submission</u>	
	General Application	<i>Please check the award(s) you are applying for:</i>	
	Answers to essay questions (Specifically for Biology awards)		<i>Departmental Scholarships</i> (circle one): a) Biology b) Chemistry c) Comp. Sci. d) Math Sci e) Physics/Engineering
	Unofficial transcript		Specific Scholarship: _____
	FAFSA Application		Other: _____
	DSU Scholarship		Other: _____
	Copy of DSU ID card		Other: _____