



National BDPA
Student Member
NNOA Scholarship
Announcement
for 2014



Application Deadline for
College Juniors or Seniors
Friday, November 22, 2013

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STEM Upper Classman Scholarships

We are pleased to announce the 2014 National Naval Officers Association (NNOA) STEM Upper Classman Scholarships. Applications for this scholarship will close on November 22, 2013. Scholarship awards will be applied to the 2014 winter semester/quarter. The application and supporting documentation is attached for further distribution.

About NNOA

National Naval Officers Association actively supports the development of a diverse officer & civilian leadership corps through recruitment, retention, and career development. NNOA is essential in maintaining operational readiness by providing professional development, mentoring, and support of cultural awareness. NNOA establishes and maintains a positive image of the Sea Services in communities and educational institutions.

Purpose of Scholarship

The NNOA scholarship seeks to contribute to our national competitiveness. Our nation must increase the number of young Americans pursuing undergraduate and graduate degrees in Science, Technology, Engineering, and Math (STEM) degrees in order to remain competitive in the 21st century. NNOA is an inclusive

organization that seeks to expose young Americans to opportunities as a STEM professional or scientist.

Scholarship Award amount: Up to \$5000 per semester, maximum \$10,000 per annum

NOTE: Scholarship is remitted to the University/College on behalf of student.

Applicants must submit a complete application package and must meet all requirements to be considered for a STEM scholarship. All applicants **MUST** be U.S. citizens. Mailed application packages, including official transcripts, must be postmarked by November 22, 2013.

Eligibility Criteria

- Junior or senior full-time college student (12 semester credit hours or more)
- Student must be in good standing at a regionally accredited university
- Within 24 months of graduation
- Majoring in a Tier 1 or Tier 2 STEM degree subject (see attached list)
- U.S. Citizen
- Cumulative GPA - 3.0
- Active in community service including but not limited to student government, religious organizations, mentoring activities, tutoring activities, and/or civil involvement

The following is a **new change** to the program, please note!

*** If selected as a scholarship recipient, students MUST apply for a Naval Research Enterprise Internship Program (NREIP) internship (paid) in an area either close to your home or school. ***

Online application is now open until January 6, 2014 at the following site: <https://nreip.asee.org/apply>

Details regarding the NREIP program follow:

Description of NREIP

This ten-week intern program is designed to provide opportunities for undergraduate and graduate students to participate in research, under the guidance of an appropriate research mentor, at a participating Navy laboratory.

Evaluation Criteria

NREIP interns will be selected based upon academic achievement, personal statements, recommendation, and career & research interests.

Award duration and stipend - The internship has duration of 10 weeks.

For undergraduate students the stipend is as follows:

- **Sophomores** receive **\$5,400.00**
- **Juniors** and **Seniors** receive **\$8,100.00**
- **Graduate Students** will receive **\$10,800.00**

Stipends will be paid once a month, May-August.

Eligibility

- Applicants must be U.S. Citizens. Dual citizens may be accepted ONLY at Naval Research Laboratories.
- Students graduating in the Spring 2014 semester are eligible to apply. If you expect to graduate by Fall 2014, unfortunately, you are not eligible to apply.
- Applicants must be a Sophomore, Junior, Senior, or Graduate student to apply. Eligibility is determined by your class standing in the Fall of 2014. Therefore, if you will be considered a Sophomore by the Fall 2014, you are eligible to apply for NREIP!
- Applicants should have majors relevant to the research interests of the laboratories.

Deadlines

The last day to submit an application will be January 6, 2014. References and transcripts are due on January 6, 2014 by 5:30 PM Eastern Standard Time (EST).

Award Announcements

Awardees as well as Non-Awardees for the Summer 2014 NREIP Program will be notified by Mid March, 2014.

Research Start Dates - Start Dates will vary based upon the lab. The earliest anyone can start at a lab is the first week in May.



National Naval Officers Association, Inc
*** 2014 STEM Upper Classman Awards Program ***



INSTRUCTIONS

Founded in 1972, the National Naval Officers Association, Incorporated (NNOA) is comprised of Sea Service officers from the Coast Guard, the Navy, and the Marine Corps. NNOA provides professional development and mentoring in an effort to recruit, promote, and retain minority officers in the Sea Services. NNOA seeks to strengthen a diverse officer corps to enhance operational readiness in the Sea Services and has a long history of providing a positive image of the Sea Services in minority communities and educational institutions.

NNOA has an established track record supporting young students who are interested in attending undergraduate institutions and we have an established mentoring program. Annually, NNOA awards an average of \$80,000 in scholarships to support young students attending college.

Applicants **must submit a complete application package and must meet all requirements** to be considered for a STEM scholarship. All applicants **MUST** be U.S. citizens. Mailed application packages, including official transcripts, **must be postmarked by November 22, 2013**. Mail application packages to **NNOA STEM Scholarship Program, 1104 Kirkwood Drive, Franklin, TN 37067** or email to **STEMProgramManager@nnoa.org**. Applicants should ensure applications are legible and signed. A complete application consists of:

- Application form
- Transcript (use the attached transcript request form to obtain an **official** copy)
- A listing of your extracurricular activities, community service activities, academic honors, and positions of leadership
- A motivational statement/letter (1 page)
- Statement of financial need/special circumstances **Please state specific dollar amount of need** (Sample financial statement needs format is provided.)
- Two letters of recommendation from school officials or other persons of influence in your life, other than relatives, **who have known you for at least two years and are in a position to address your character, citizenship, and leadership**

Recipients will be notified by phone and/or email. The venue and mode of award presentation will be determined based on location of school and availability of NNOA representative in the area.

Eligibility criteria:

- Junior or senior full-time college student (12 semester credit hours or more)
- Student must be in goodstanding at a regionally accredited university
- Within 24 months of graduation
- Majoring in a Tier 1 or Tier 2 degree subject (see attached list)
- U.S. Citizen
- Cumulative GPA - 3.0
- Active in community service including but not limited to student government, religious organizations, mentoring activities, tutoring activities, and/or civil involvement

***If selected as a scholarship recipient, you **MUST** apply for a Naval Research Enterprise Internship Program (NREIP) internship in an area either close to your home or school. *** (See Annex 4 for locations of NREIP internships)

The STEM Scholarship Program Manager is CAPT Bernard Jackson, USN (Ret). He can be reached at (703) 655-9432 or via email at BJackson@LeadEdgeLLC.com

MAILED APPLICATION PACKAGES AND ALL OFFICIAL TRANSCRIPTS MUST BE POSTMARKED NO LATER THAN November 22, 2013



National Naval Officers Association, Inc
 *** 2014 STEM Upper Classman Awards Program ***



STEM Upper Classman Scholarship Application Form

Please print or type the required information.

PRIVACY ACT STATEMENT

Authority to request this information is derived from 5 United States Code 301, Departmental Regulation. The purpose of the information is to apply for educational financial assistance through the National Naval Officers Association (NNOA) STEM Scholarship Awards Program. Information provided will be used to assess scholastic achievement and financial need. Completion of this form is mandatory. Failure to provide required information might result in disqualification from participation in the Scholarship Program.

PERSONAL INFORMATION

Applicant's Last Name			Applicant's First Name			Applicant's Middle Name		
Home Address			City			State		Zip
Home Phone			Cellular Phone			Email Address		
Yes <input type="checkbox"/> No <input type="checkbox"/>			Place of birth (State or Country)			Male <input type="checkbox"/> Female <input type="checkbox"/>		Gender (Circle one)

COLLEGE/UNIVERSITY INFORMATION

Name			Phone Number			
Address			City		State	Zip
Point of Contact in Financial/Scholarship Department						

COLLEGE/UNIVERSITY TRANSCRIPT SUMMARY

From:	To:		
Dates of Attendance	Cumulative GPA	Student ID #	

AREA OF STUDY

MAJOR OR COURSE OF STUDY	PRIMARY	
	SECONDARY	

Applicant's Signature: _____



National Naval Officers Association, Inc
*** 2014 STEM Upper Classman Awards Program ***



COLLEGE/UNIVERSITY TRANSCRIPT REQUEST

Date: _____

To: College/University Transcript Department

Student's Name: _____

I am applying for a National Naval Officers Association, STEM scholarship. Please send copies of my official transcript(s) to the NNOA STEM Scholarship Awards Program Manager.

Send to: NNOA 2013 STEM Scholarship Awards Program
c/o CAPT Bernard Jackson
1104 Kirkwood Drive
Franklin, TN 37067

Student's Signature: _____

Appendix Two

Tier 1 and 2 Academic Science Technology Engineering and Math (STEM) Listing

The following list outlines the Tier 1 and 2 academic majors as prescribed by Commander, Naval Service Training Command as Navy approved STEM degree majors¹.

1. Tier 1 academic majors
 - a. Aerospace, Aeronautical, Astronautical Engineering
 - b. Chemical Engineering
 - c. Electrical Engineering
 - d. Mechanical Engineering
 - e. Naval Architecture & Marine/Naval Engineering
 - f. Nuclear Engineering
 - g. Ocean Engineering
 - h. System Engineering
2. Tier 2 academic majors
 - a. Agricultural/Biological Engineering & Bioengineering
 - b. Architectural Engineering/Architectural Engineering Technologies
 - c. Astrophysics
 - d. Biochemistry, Biophysics & Molecular Biology
 - e. Biomathematics & Bioinformatics
 - f. Biomedical/Medical Engineering

¹ NSTC Instruction 1533.3A, 28 May 2009

- g. Biotechnology
- h. Cell/Cellular Biology & Anatomical Sciences
- i. Ceramic Sciences & Engineering
- j. Chemistry
- k. Civil Engineering/Civil Engineering Technologies
- l. Computer Engineering
- m. Computer Programming
- n. Computer Science/Information Technology
- o. Construction Engineering
- p. Electronics & Communications Engineering
- q. Engineering Mechanics
- r. Engineering Physics
- s. Engineering Science
- t. General Science
- u. Industrial Engineering
- v. Materials Engineering
- w. Mathematics
- x. Metallurgical Engineering
- y. Microbiological Sciences and Immunology
- z. Mining & Mineral Engineering

- aa. Nuclear & Industrial Radiologic Technology
- bb. Oceanography
- cc. Petroleum Engineering
- dd. Pharmacology & Toxicology
- ee. Physics
- ff. Physiology, Pathology & Related Sciences
- gg. Polymer/Plastics Engineering
- hh. Quantitative Economics
- ii. Statistics
- jj. Textile Sciences & Engineering



National Naval Officers Association, Inc
*** 2014 STEM Upper Classman Awards Program ***



Financial Need Statement Template

Student's Name:

Expenses		Income	
Item	Amount	Item	Amount
Tuition		State Grant	
Rent		Federal Pell grant	
Utilities		Board of Trustees Scholarship	
Books		Subsidized Loan	
Food		Unsubsidized Loan	
Transportation		Other/Misc	
Other/Misc			
Total Expenses		Total Income	
Amount Needed:			

STEM Appendix 4 - NREIP Internship Program

NREIP Internship Program Upper classmen internships

The Naval Research Enterprise Internship Program (NREIP) provides an opportunity for college/university students to participate in research at a Department of Navy (DoN) laboratory during the summer. All students must be US citizens.

The goals of the NREIP are to encourage participating students to pursue science and engineering careers, to further education via mentoring by laboratory personnel and their participation in research, and to make them aware of DoN research and technology efforts, which can lead to employment within the DoN.

NREIP provides competitive research internships to approximately 275 college students (200 undergraduate students and 75 graduate students) each year. Participating students spend ten weeks during the summer conducting research at approximately 21 DoN laboratories.

This ten-week intern program is designed to provide opportunities for undergraduate and graduate students to participate in research, under the guidance of an appropriate research mentor, at a participating Navy laboratory. **Online Application opens Monday, October 1, 2013.**

Evaluation Criteria - NREIP interns will be selected based upon academic achievement, personal statements, recommendation, and career & research interests.

Award duration and stipend - The internship has a duration of 10 weeks. Undergraduate stipend: Sophomores - \$5,385.00, Juniors/Seniors - \$8,075.00. Graduate students will receive \$10,750.00.

Stipends will be paid once a month, May-August.

Eligibility

- Applicants must be U.S. Citizens. Dual citizens may be accepted ONLY at Naval Research Laboratories.
- Students graduating in the Spring 2013 semester are eligible to apply.
- Applicants must be a Sophomore, Junior, Senior, or Graduate student to apply. (Freshman may still apply but must have reached Sophomore status before starting at the lab.)
- Applicants should have majors relevant to the research interests of the laboratories.

Participating Labs:

[Marine Corps Warfighting Laboratory](#) (Quantico, VA)
[Naval Air Warfare Center/ Aircraft Systems](#) (Patuxent River, MD; Lakehurst, NJ)
[Naval Air Warfare Center/Materials Engineering Laboratory](#) (Jacksonville, FL)
[Naval Air Warfare Center/Training Systems Division](#) (Orlando, FL)
[Naval Air Warfare Center/Weapons Division](#) (China Lake, CA; Point Mugu, CA)
[Naval Research Laboratory](#) (Washington, DC; Stennis, MS; Monterey, CA)
[Naval Submarine Medical Research Laboratory](#) (Groton, CT)
[Naval Surface Warfare Center/Carderock](#) (Bethesda, MD; Philadelphia, PA)
[Naval Surface Warfare Center/Dahlgren](#) (Dahlgren, VA)
[Naval Surface Warfare Center/Indian Head](#) (Indian Head, MD)
[Naval Surface Warfare Center/Panama City](#) (Panama City, FL)
[Naval Undersea Warfare Center/Newport](#)(Newport, RI)
[Space and Naval Warfare Systems Center - Pacific](#) (San Diego, CA)
[Space and Naval Warfare Systems Center - Atlantic](#) (Charleston, SC)
[Navy Medical Research Center](#) (Silver Spring, MD)
[Navy Medical Research Unit](#) (San Antonio, TX)
[Naval Postgraduate School](#) (Monterey, CA)
[Naval Surface Warfare Center-Corona](#) (Corona, CA)



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National BDPA IT Showcase | #ITSC

The National BDPA Information Technology (IT) Showcase allows student presenters from educational institutions across the United States, to present and demonstrate their research. The presentations represent advanced computing and technical topics presented by college and high school students to an audience of corporate representatives and IT professionals.

Students participate in this 2-day event held during the annual National BDPA Technology Conference. The focus of this event includes, but is not limited to, intelligent technologies (i.e., smart toys, machine learning, and genetic algorithms, etc.), wearable computing technologies, analytics, parallel computing technologies, computing curricula, and business intelligence.

National BDPA High School Computer Competition | #HSCC

Raven 'Lisa' Stevenson ([left] with Dominique Geiger, Sami Patel; and standing in the foreground) was a member of her 2009 Greater Columbia, SC (BDPA-GC) local BDPA Chapter High School Computer Competition (HSCC) team. Stevenson had a 4.0 GPA in High School with a copy of her transcript in hand during the National BDPA Technology Conference in Raleigh, NC. Stevenson subsequently received a Naval ROTC (NROTC) scholarship to attend Duke University as a local BDPA Chapter HSCC finalist during the 2009 National HSCC Scholarship round. Student finalists answer industry trivia and technical questions, then develop and present to industry panels of judges their teams' applications designed to solve some of today's emerging "real-world" requirements. Today Raven is an Ensign in the United States Navy, continuing her professional education and training in support of Surface Navy requirements. She received her commission in May 2013 upon graduating from Duke University.





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For details, email **BDPA-DC**,
National Capital Region (NCR)
▶ info@ncr-bdpa.org

*Students attending Universities, Community Colleges, and High Schools in the Greater Washington, D.C. metropolitan area encouraged to apply.

A United States Marine in dress uniform stands in front of a suburban house. The Marine is wearing a white dress cap with the Marine Corps emblem, a black dress jacket with gold buttons and a sash, and a black belt with a gold buckle. He has several medals and ribbons on his chest. The house behind him has white siding, dark shutters, and a brick foundation. There are trees with autumn foliage in the background.

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Eligibility:

Be a U.S. citizen.

Maintain a 2.5 GPA.

Attend an HBCU, HSI, TCU,
or approved college
or university.

Must be a sophomore or
junior enrolled in a 4 year
undergraduate program.



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GREATER COLUMBIA	GREATER TAMPA	HAMPTON ROADS	HARTFORD	HOUSTON	HUNTSVILLE
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BDPA wishes you and your family peace and blessings this Thanksgiving Season.

