

STEM Scholarships, Grants, and Tuition Assistance

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STEM Resource Center



Overview

What's STEM?

- Sciences
 - Biology
 - Chemistry
 - Physics
 - Nutrition
- Technology
 - Comp. Info. Systems
 - Engineering Technology
- Engineering
- Mathematics

What's Available?

- STEM Collegian Center
- NSF Scholars Program
- Others???

STEM Collegian Center Grant

- Funding from the National Science Foundation (NSF)
 - Support STEM Collegian Center to provide a mentored, co-curricular learning community
 - An interdisciplinary approach to STEM, to improve depth and breadth of learning
 - Integration of research, service, and education to promote student understanding and excitement

Support for the STEM Collegian Center

- Performance awards for successful STEM course completion - amounts vary
- Stipend for 15 hours of Civic Engagement (volunteer) - \$150
- Stipend for “outside class” capstone/research project - \$400 + \$80 supplies
- Funds for conference travel - amounts vary



Collegians at Koshland Science Museum, Washington, DC, 2005

STEM Collegian Center – Performance Awards

- Award for “**success**” in STEM courses
- 1st course (A=\$220, B=\$200, C=\$180)
 - Additional courses subtract \$30, \$60, \$90, etc.
- Full award for active members
 - Award reduced 25% based on activities, mentor rating, and civic engagement

Membership Criteria and Responsibilities

- Maintain a minimum GPA of 2.0
- Contact faculty mentor at least twice each month
- Participate in two or more STEM Collegian Center activities per semester
- Participate in at least one hour of civic engagement (volunteer service) per semester
- Participate in assessment surveys and activities to help improve the Center

STEM Collegian Center – Program Highlights

Activity/Field Trip Highlights

- STEM Collegian/Division Mixer
- Zoo field trip
- Osprey Banding
- Fossil Hunting
- Community Service (*Stream clean-up, etc.*)
- Peer Tutoring
- STEM Website Design
- Transfer Workshop
- Food Science Workshop
- Partnership with Natl. Human Genome Research Institute
- Travel to local, regional, & national conferences

Seminar Topic Highlights

- Mark Matties & Bowie State Supercomputer
- Theresa Francis & Coding Theory
- James York & Chaos Theory
- Organ transplants
- Keith Harris & Nutraceuticals
- Build Your Own Computer Seminar & Class



Collegian, Ivy Phaire with Dr. Ben Carson at AMHPS 2006

NSF Scholars Program

- Scholarship Program
 - Maximum award for an independent student - \$11, 632 per year
 - Maximum award for a dependent student - \$7, 822 per year
- Workshops
- Design competitions
- Travel funds

Eligibility Requirements

- **Full-time (enrolled in minimum of 12 credit hours) Student**
- **Major in any STEM degree program ***
- **3.0 overall GPA (3.5 for entering high school graduates)**
- **3.0 GPA in STEM courses**
- **No STEM grade below a C (if a course is repeated the most recent grade counts)**
- **Have completed or tested out of Intermediate Algebra (MAT 1040)**
- **Be or become a member of the STEM Collegian Center and adhere to the requirements thereof**
- **Demonstrate financial need per the U.S. Department of Education rules**
- **U.S. Citizen, U.S. National, Alien admitted as a Refugee, Alien lawfully admitted to U.S. for permanent residence**



OTHERS??

Contact Us



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