



**Academic Investment in Math and Science**

Academic Investment in Math & Science  
125 N. Mercer Rd., 209E. Harshman  
Bowling Green, Ohio 43403  
Phone: (419) 372-5401  
FAX: (419) 372-0393  
email: [cmitch@bgsu.edu](mailto:cmitch@bgsu.edu)  
Website: [www.bgsu.edu/aims](http://www.bgsu.edu/aims)

## **AIMS Associated Scholarships Application and Program Requirements**

---

Dear Future BGSU Student,

Thank you for your interest in the Academic Investment in Mathematics and Science (AIMS) program. The mission of the AIMS program is to encourage minority students and women to graduate with majors in STEM related fields (Science, Technology, Engineering and Math). AIMS accomplishes this with a combination of scholarships and specially designed academic programs including a summer bridge experience that gives you a head start on your first year of college.

The AIMS program has three scholarship packages with distinct requirements. The AIMS Standard scholarship is available to all AIMS students. The AIMS BOSEF scholarship targets Ohio residents majoring in physics or chemistry and with career goals related to renewable energy. The AIMS GRAMS is a needs-based scholarship is open to all STEM majors. Please see the scholarship table on the page 2 for details on each package and its requirements.

Please complete all sections of the enclosed AIMS application. High school applicants and college transfer students must have a minimum GPA of 3.0 on a 4.0 scale. All prospective students must complete an Undergraduate Application of Admission to Bowling Green State University (BGSU), and this application **MUST** be on file with the Office of Admissions before your AIMS application can be processed. You can obtain a BGSU application from the BGSU Office of Admissions or from the admissions website at [www.bgsu.edu/offices/admissions](http://www.bgsu.edu/offices/admissions).

All sections of the completed AIMS Application, including transcripts and letters of recommendation must be received in the AIMS office by **March 1, 2012**. Please indicate to your references (one of which must be a math/science teacher of yours) that letters should be sent directly to Christopher Mitchell.

For more information about the AIMS program or to complete your application online, visit our website at <http://www.bgsu.edu/aims> or contact me by email at [cmitch@bgsu.edu](mailto:cmitch@bgsu.edu) or at 419-372-5401.

We look forward to receiving your application soon.

Sincerely,

Christopher L. Mitchell, M.Ed.  
Coordinator of AIMS Program

# AIMS Associated Scholarships Application Requirements

## AIMS ASSOCIATED SCHOLARSHIPS

The AIMS program currently has three (3) undergraduate STEM-Based scholarships associated with it. See Scholarship Table below. Each scholarship has its own set of requirements, participation standards and award amounts. While BGSU students if eligible, may apply for any one or all three, they can only be accepted into one.

## AIMS ASSOCIATED SCHOLARSHIPS

The AIMS program currently has three (3) undergraduate STEM-Based scholarships associated with it. See Scholarship Table below. Each scholarship has its own set of requirements, participation standards and award amounts. While BGSU students if eligible, may apply for any one or all three, they can only be accepted into one.

SCHOLARSHIP TABLE

	AIMS STANDARD <sup>1</sup>	BOSEF <sup>2,5</sup>	GRAMS
<b>Scholarship Amounts</b>	Award per Year	Award per Year	Award per Year Based on Un-Met Need <sup>4</sup>
Summer Stipend	\$1,000 \$1,500	\$0 \$2,750*	\$0 Up to \$8,750 depending on need
Academic Year One			
Year Two	\$2,000	\$4,750	Up to \$10,000
Year Three	\$2,500	\$4,750	Up to \$10,000
Year Four	\$3,000	\$4,750	Up to \$10,000
Year Five - *ESO	\$1500 - \$3000	\$0	\$0
<b>Total:</b>	<b>\$10,000 - \$13,000</b>	<b>\$17,000</b>	<b>Up to \$38,750</b>
<b>Requirements</b>	AIMS Requirements	BOSEF Requirements	GRAMS Requirements
Residency	U.S. Citizen or Permanent Resident	Ohio Resident	U.S. Citizen or Permanent Resident
GPA	Minimum GPA: 3.0; ACT: 20+	Minimum GPA: 3.0; ACT: 20+	Minimum GPA: 3.0; ACT: 20+
Major	Full time enrollment in a STEM or STEM Education Field	Major in Chemistry/Physics Interest in the field of Renewable Energy	Full time enrollment in a STEM Major
Other		Participate in BOSEF activities	Participate in some *** SETGO activities

<sup>1</sup> AIMS - Academic Investment in Math and Science

\* ESO: Extended Scholarship Option

<sup>2</sup> BOSEF - Building Ohio's Sustainable Energy Future

\*\* STEM: Science, Technology, Engineering and Math

<sup>3</sup> GRAMS - Granting Access to Math and Science

\*\*\* SETGO: Science, Engineering & Technology - Gateway Ohio

<sup>4</sup> The amount of GRAMS scholarship depends on the amount of unmet financial need determined from the FAFSA. The amount of the GRAMS and BOSEF scholarships in the first year depends on the cost of the summer bridge program but is expected to be at least the amount indicated in the table above.

## ESSAY INFORMATION

Write a 450-500 word essay on one of the topics below. The essay should be descriptive, well organized, double-spaced, and printed in high quality. Include a title page with your name and date. Students who are applying for BOSEF in addition to the AIMS Standard or GRAMS scholarships must write responses for both essays.

### If applying for the AIMS Standard or GRAMS Scholarship:

Explain how you believe that you can best contribute to improving the quality of human life by pursuing a career in your chosen academic major? What do you hope to accomplish and how will that benefit our society, our nation and our plant?

### If applying for the BOSEF Scholarship:

Why do you think renewable energy technology will be important for our future? Why are you interested in pursuing a career in this field and what do you hope to accomplish in this field that will be of benefit to our society, our nation and our plant?

## AIMS ASSOCIATED SCHOLARSHIPS APPLICATION FORM FOR FRESHMEN

(Please Type or Print neatly in Ink.)

Name \_\_\_\_\_ S.S. # \_\_\_\_\_  
Last First MI

P# (BGSU ID.) P \_\_\_\_\_ BGSU Email \_\_\_\_\_

Home Address \_\_\_\_\_  
Street Apt. #

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

Telephone # ( ) \_\_\_\_\_ Date of Birth \_\_\_\_\_ Gender \_\_\_\_\_

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

Address of High School \_\_\_\_\_  
City State Zip Code

Combined ACT Score \_\_\_\_\_ Year \_\_\_\_\_ Combined SAT Score \_\_\_\_\_ Year \_\_\_\_\_

Cumulative High School GPA \_\_\_\_\_ High School Rank \_\_\_\_\_/\_\_\_\_\_  
(Please use a 4.0 scale)

Intended College Major(s) \_\_\_\_\_ Minor \_\_\_\_\_

**Citizenship and Residency**

- U.S. Citizen/Permanent Resident
- Ohio Resident

**Career Interest(s)**

- Renewable Energy/Photovoltaics
- Medicine/Health Sciences
- Other STEM field

**Ethnicity**

- Black/African American
- Hispanic
- Native American
- White/Caucasian
- Other or no declaration

Please review your eligibility for each scholarship package. Note that you will only be considered for the scholarships that you indicate here. You may mark as many scholarship packages as you are eligible for; however, no AIMS Scholar will be awarded more than one.

Scholarship(s) to be considered for:

- AIMS Standard
- BOSEF
- GRAMS

*Please Continue on Next Page*

## HIGH SCHOOL HONORS, AWARDS, AND ACTIVITIES

High School Honors and Awards

---

---

List key Science, Technology, Engineering or Math Activities you have been involved with while in high school.

---

---

## APPLICATION REFERENCE FORM - FRESHMAN APPLICATION

Please provide the name, address, and phone number of two references. Include title/position/relationship to you.

1. _____	2. _____
Name	Name
_____	_____
Address	Address
_____	_____
Telephone number	Telephone number
_____	_____
Title/Position/Relationship to Applicant	Title/Position/Relationship to Applicant

## ESSAY INFORMATION

Write a 450-500 word essay on one of the topics below. The essay should be descriptive, well organized, double-spaced, and printed in high quality. Include a title page with your name and date. Students who are applying for BOSEF in addition to the AIMS Standard or GRAMS scholarships must write responses for both essays.

**If applying for the AIMS Standard or GRAMS Scholarship:**

“How can an education in science, technology, engineering and/or math impact the economy of the future?” Include discussion on your planned major and the difference you hope to make.

**If applying for the BOSEF Scholarship:**

“Discuss the importance of education in the development of alternative and sustainable energy fields. Include a description of how you see (hope) an alternative energy-focused education could help you achieve your career goals.” Include discussion on your planned major and the difference you hope to make.

**Return completed AIMS Application to:**

Christopher L. Mitchell, M.Ed.  
215 Mercer Rd., 208E. Harshman  
Bowling Green State University  
Bowling Green, OH 43403