



### *STEM Scholarship 2018*

The Institute for Advanced Learning and Research (IALR), located in Danville, VA, is an organization committed to furthering Virginia's research capacity in the STEM (science, technology, engineering, and mathematics) disciplines. IALR has established research centers in precision agriculture, polymer chemistry, natural products and high value horticulture to assist in the economic transformation of southern Virginia. The success of these efforts is dependent upon the region's ability to invest in education and the entrepreneurial potential of its youth.

The IALR STEM Scholarship, in the amount of \$1,000, is intended to support a graduating senior who expresses a desire to continue his or her education, specifically in the areas of science, technology, engineering and/or math. The scholarship is offered through the IALR Foundation.

#### **Award Requirements**

1. Student must be a senior, graduating by June 2018.
2. Student plans to attend a two-year or four-year college or university.
3. Student plans to major in a science, technology, engineering or math field.

#### **Application Process**

1. Complete this cover sheet (information below).
2. Complete the attached application form.
3. Request one letter of recommendation from a science, technology, engineering or math teacher who can speak to your interest and talent in this area (template pg. 3). This letter should address your STEM skills and interests. **Form letters will receive fewer points.**
4. A school counselor will complete the bottom portion of the application form noting your class rank, overall GPA, number of high school science and math courses, and GPA (specific to high school science and math courses).
5. Cover sheet, application form, essays and letter of recommendation must be submitted to your school counselor by **March 15, 2018**.

Student's Name: \_\_\_\_\_

Birth Month: \_\_\_\_\_ (matching purposes only)

High School: \_\_\_\_\_

Date: \_\_\_\_\_

Applicant Number: \_\_\_\_\_ (assigned by IALR)



*STEM Scholarship 2018*

Applicant Number: \_\_\_\_\_  
To be assigned by IALR staff.

1. I have applied/been accepted to the following college(s) or university(s):

_____	<input type="checkbox"/> APPLIED	<input type="checkbox"/> ACCEPTED
_____	<input type="checkbox"/> APPLIED	<input type="checkbox"/> ACCEPTED
_____	<input type="checkbox"/> APPLIED	<input type="checkbox"/> ACCEPTED
_____	<input type="checkbox"/> APPLIED	<input type="checkbox"/> ACCEPTED

*Please place an asterisk (\*) by the college you plan to attend.*

***Please respond to the following questions: limit of three well-developed paragraphs per question (attach a separate sheet):***

2. Discuss your educational and career aspirations as they relate to the science, technology, engineering and/or math fields.
3. Describe a specific past learning experience or opportunity that stimulated your interest in STEM.
4. Share and explain the top three factors that would influence your decision to remain/return in/to southern Virginia once you complete your education.

*To be completed by School Counselor:*

Class Rank: \_\_\_\_\_ out of \_\_\_\_\_ Overall GPA: \_\_\_\_\_

Number of high school science and math units/courses: \_\_\_\_\_

GPA in high school science and math courses (weighted): \_\_\_\_\_

Signed: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Print Name Here: \_\_\_\_\_

Date: \_\_\_\_\_

School Counselor



**IALR STEM SCHOLARSHIP**  
*Teacher Recommendation Form*

Name of student: \_\_\_\_\_

Name of High School: \_\_\_\_\_

Please comment on the student's interest, talent and ability in the STEM disciplines. In your opinion, why is this student deserving of the scholarship? How would you compare this student to his/her peers? **Note: generic form letters will receive fewer points.** (*attach a separate sheet if necessary; place in a sealed envelope with signature over seal*)

Name (printed): \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_