



## Delaware Bio STEM Educator Grant

Hello Delaware Educator!

In 2017, Delaware Bio will fund classroom programs and activities which engage students in STEM (science, technology, engineering, and mathematics) through our **STEM Educator Grants**. These grants are made possible thanks to funds raised through various Delaware Bio events and private donors.

The Delaware BioScience Association is a 501(c)(6) nonprofit, privately funded, membership-based organization. We serve as a unified voice for Delaware's thriving bio community. Along with creating networking opportunities, advocating for public policy initiatives that encourage innovation within the industry, supporting advancements in research, coordinating numerous events, and facilitating beneficial relationships between the community and business worlds, we also aim to advance Delaware's STEM education progress.

The Delaware Bio Education & Workforce Development Committee is comprised of Delaware educators, consultants, community servants, and education liaisons. These dedicated individuals volunteer their time and talents to support efforts to cultivate an interest in STEM education within Delaware schools. We recognize the importance of providing students with opportunities to explore the exciting industries and careers offered through STEM, and are proud to support the education sector through our STEM Educator Grant.

Delaware Bio launched the STEM Educator Grant application process for the first time in Spring 2016 and received applications from four New Castle County educators. Each applicant was awarded an individual grant ranging from \$600 to \$2,000, totaling a \$5,400 distribution. Currently, the total grant pool is valued at \$8,000, with individual grant awards expected to range from hundreds of dollars to a maximum of \$2,000. We are excited to share our STEM Educator Grant opportunity with you and your colleagues, as **it is our hope that you will be among the four to ten grant recipients of the 2017 Delaware Bio STEM Educator Grant.**

Please find attached a PDF form of the application, which can be completed electronically. You will need to print, sign, and return the document by mail, email, or fax. Applications may be emailed to Alexis Bussey at [alexis.bussey@delawarebio.org](mailto:alexis.bussey@delawarebio.org); mailed to 1 Innovation Way, Suite 300 – Newark, DE 19711; or faxed to 302-452-1101 by **January 27, 2017.**

Thank you for your time and consideration! We look forward to receiving your application. Please do not hesitate to contact Alexis Bussey with any questions or to request a copy of the application in a Word document at 302-452-1104 or [alexis.bussey@delawarebio.org](mailto:alexis.bussey@delawarebio.org).

On behalf of Delaware Bio and the Education & Workforce Development Committee,

Bob Dayton  
President  
Delaware BioScience Association

Joan Barber, Ph.D.  
Department Chairperson, Biology and Chemistry  
Delaware Technical and Community College



### Who Can Apply?

Delaware educators (**grades 6-12**) in a public or charter school are encouraged to apply if their school and/or classroom is currently implementing a **STEM (science, technology, engineering, and mathematics)** focused program or activity. Educators who have previously applied for the Delaware Bio STEM Educators Grant are encouraged to reapply, however, preference will be given to new applicants.

### What Kinds of Proposals Will Be Considered?

Any classroom program or activity with an emphasis on **science, technology, engineering, and mathematics** will be considered. Proposals that incorporate the following components are of the greatest interest:

- Program or activity increases awareness of STEM-related professions
- Teaches STEM-centered skills and/or knowledge
- Demonstrates real-life application of STEM-centered skills and/or knowledge
- Encourages interest in STEM fields of study
- Program or activity can be replicated for or by other educators
- Proposals with an emphasis on biotechnology will be given extra consideration

### How Do I Apply?

**An application and one letter of support from your school's administration** must be submitted by **mail, email, or fax by January 27, 2017** and must include the applicant's signature. Applications may be completed electronically and emailed to Alexis Bussey at [alexis.bussey@delawarebio.org](mailto:alexis.bussey@delawarebio.org); mailed to 1 Innovation Way, Suite 300—Newark, DE 19711 (Attn: Alexis Bussey); or faxed to 302-452-1101 (Attn: Alexis Bussey).

### When Will I Receive Notification About the Award?

Grant awards will be reviewed by the Delaware BioScience Association's Education and Workforce Development Committee, and **recipients will be notified by the end of March**. Upon receiving the STEM Educators Grant, recipients will be asked to act in accordance with the conditions of the grant.

### What Are the Conditions of the Award?

- The grant will be awarded to recipient's school and is to be used by December 2017.
- Award recipient must provide completed post-program student evaluations upon program end for committee review.
- Award recipient must provide a PowerPoint-based report upon program completion that includes:
  - Overview of program
  - Number of students reached
  - Assessment of 3 outcomes provided in application (what were they, how were they measured, whether they were achieved, and explanation of any outcomes not met)
  - Analysis of student evaluations
  - Recommendation for replication process for use by other educators
  - Suggestions for how the program might be made sustainable over time
- Award recipient must provide photos of your activity and photos of any equipment purchased for your program.
- Award recipient is asked to present their report at a Delaware Bio event, if possible, or to allow someone to share on their behalf.
- Award recipient is invited to participate on Delaware Bio's Education & Workforce Development Committee. This is not mandatory. More information will be provided upon receiving the award.



## Delaware Bio STEM Educator Grant Application

**Application Deadline: January 27, 2017**

*This application form must be submitted to be considered for the 2017 STEM Educators Grant*

Name of applicant: \_\_\_\_\_

Name of school: \_\_\_\_\_

Address of school: Street \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

School telephone: \_\_\_\_\_ Applicant's telephone: \_\_\_\_\_

Applicant's email: \_\_\_\_\_

Grade(s) and subject(s) being taught: \_\_\_\_\_

Have you previously applied for the Delaware Bio STEM Educators Grant? Yes ☐ No ☐

Applicant's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

***Please complete this application in its entirety and send to:***

(Mail) 1 Innovation Way, Suite 300  
Newark, DE 19701

(Email) [alexis.bussey@delawarebio.org](mailto:alexis.bussey@delawarebio.org)

(Fax) 302-452-1101  
Attention: Alexis Bussey



## About Your Proposal

*All sections must be completed to be considered for the 2017 STEM Educators Grant.*

Estimated number of students that will be reached:

Please describe your proposed program in 500 words or less and detail how it supports STEM initiatives:

Please provide three (3) objectives or achievements to be obtained by students due to their participation in the program. Describe how the achievement of each outcome, goal, or achievement is to be assessed.



How will the program be implemented and executed? It should conclude by the end of 2017.

How can this program be replicated for or by other educators?



Is this program sustainable? If yes, explain. If no, what would be required for it to become sustainable (i.e. annual funding, corporate sponsorship, etc.)?

Grant amount requested with explanation that includes estimated costs for any one-time expenditures, i.e. equipment, travel or transportation costs, admission fees, etc.