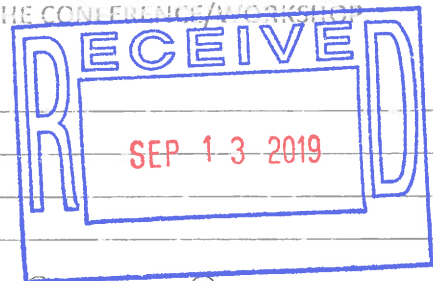


Wellsboro Area School District  
227 Nichols Street  
Wellsboro, PA 16901

Request to Attend Conference / Meeting

THIS FORM MUST BE COMPLETED AND APPROVED BEFORE REGISTERING FOR THE CONFERENCE/WORKSHOP

Individual Attending Jessica Webster and Brandon Falk  
Name of Conference Annual Biology Teacher's Workshop  
Location of Conference Lycoming College  
Date(s) Nov. 26th Days of Week \_\_\_\_\_



Are you an active member of the organization sponsoring this event?

☐ Yes ☒ No

Is this conference directly related to a classroom assignment?

☒ Yes ☐ No

Purpose of conference:

The day is spent at the Lycoming College Science Center networking with other regional biology teachers and conducting updated labs. All content emphasizing on keystone and AP biology curriculum.

Number of school days absent for conference/meeting: 1

Total number of days requested for conference/meeting: 1 (include travel time)

Estimated time of departure: 7:00 AM

Estimated time of return: 4:00 PM

COMPLETE THE FOLLOWING ESTIMATIONS OF EXPENSES:

Travel: 61.48

Lodging: \_\_\_\_\_

Meals: \_\_\_\_\_

Registration: 80.00 (40.00 per person)

Other: \_\_\_\_\_

Total Estimated Expenditures: \$0.00 / 211.48

SUBSTITUTE NEEDED:

☒ Yes (# of Days) 1

☐ No

All receipts must be itemized.

Tips are not reimbursable.

Submitted by: Jessica Webster Brandon Falk Date: 9/10/19

Recommended to Superintendent: ☒ Yes ☐ No

[Signature]  
Principal Signature

Account # 2271.360.800

Amount/% \_\_\_\_\_

Account # 2271.581.800

Amount/% \_\_\_\_\_

Recommended to School Board for Approval:

[Signature]  
Superintendent Signature

Date Approved by School Board: \_\_\_\_\_

Distribution: ☐ Original - District Office

☐ Copy 1 - Teacher

☐ Copy 2 - Building Office



# The Annual Biology Teacher's Workshop!

Join us again, or for the first time, at Lycoming College  
for a day of learning, collaboration and celebration!!!

*A collaboration between Lycoming College Biology Department, Lycoming College Admissions  
BLaST Intermediate Unit 17 and Karen Avery*

## Details

**Date:** November 26,  
2019

**Times:** Registration  
starts at 7:30,  
introduction at 8:15 and  
sessions at 8:30, door  
prizes at 3:15

**Location:**  
Lycoming College Heim  
Science Building

**Food:** Snacks and  
Coffee available  
*Free Lunch* provided by  
Lycoming College  
Admissions Office!

**Registration  
Link:**  
<https://www.elnr.org/Registration.aspx?ScheduleID=4368>

**Fee: \$40** (please  
have credit card ready,  
print screen for receipt)

**6 Continuing Ed.  
Credits for  
Pennsylvania  
Teachers provided  
by BLaST IU 17**

**Certificates for  
All Participants**

**Door Prizes!**

**Freebies!**

## Prepare your synapses!

### Presenters:

- **HHMI BioInteractive: DNA Fingerprinting with BioInteractive**  
Facilitator: Bob Cooper

We each have a unique genetic fingerprint. Learn how DNA is used in cases where people have been unjustly imprisoned, killed in a catastrophic accident, or children have been switched at birth using free, classroom-ready resources from HHMI BioInteractive.

- **Pennsylvania Society for Biomedical Research: Facilitator: David Garbe**  
The Pennsylvania Society for Biomedical Research (PSBR) is developing a novel Mobile Science Program that will bring exciting, hands-on programs to schools in Pennsylvania and New Jersey. The new SPARC (Science Program And Research Coach) program will be piloting curriculum and lessons during the fall of 2019. Session attendees will learn about and explore our engaging curriculum and see our new mobile science vehicle onsite. See how SPARC can enhance your students' science learning while providing real-world, engaging activities!

- **BioRad: Using Wet Labs and Current Events to STEMulate Biology Lessons**  
Facilitator: Tamica Stubbs  
Learning biology is already exciting but it can have a greater impact on student retention when these experiences are personally or globally relevant. In this session, participants will engage in three separate demos focused on Biofuel Production (Enzyme Kinetics), Algal Blooms (Photosynthesis and Cellular Respiration) and the Genetic Basis of Opioid Dependence (SNPs) and learn how to build out relevant story wrappers to add to or expand their current arsenal of biology lab experiences.

- **MiniONE: To Taste or Not to Taste! PTC Genotype Determination**  
Facilitator: Erika Fong  
Use hands-on experience to solidify the theoretical teaching of Mendelian genetics and learn the basics of genotyping by doing electrophoresis. You will pour, load, and run a gel, capture gel image, analyze the results, and determine PTC taster genotypes for a family.

- **3D Molecular Designs and the Center for Biomolecular Modeling:**  
Master Teacher Dan Williams  
New York Master Teacher Dan Williams will take you through the journey of protein folding and its implications for human disease in this presentation which features the Amino Acid Starter kit from 3D Molecular Designs. Learn strategies to help your students make connections between the amino acid sequences and final protein shapes and the effect a "simple" mutation can have on a human life.

- **Get Interactive! Integrating science notebooks**  
Award-winning biology educator: Alice Scheele In this session, learn how to integrate interactive notebooks into your science classroom. With a focus on life sciences, we will show how to use science notebooks to increase organization, engagement, and retention with your students. Examples will be provided for ALL high school levels. Come and get interactive!

### *Travel:*

Use this address for GPS:  
**College Parking**  
500 Mulberry Street  
Williamsport, PA 17701

From there signs will take you to the Heim Science Building

\*Please notify me if you have mobility needs\*

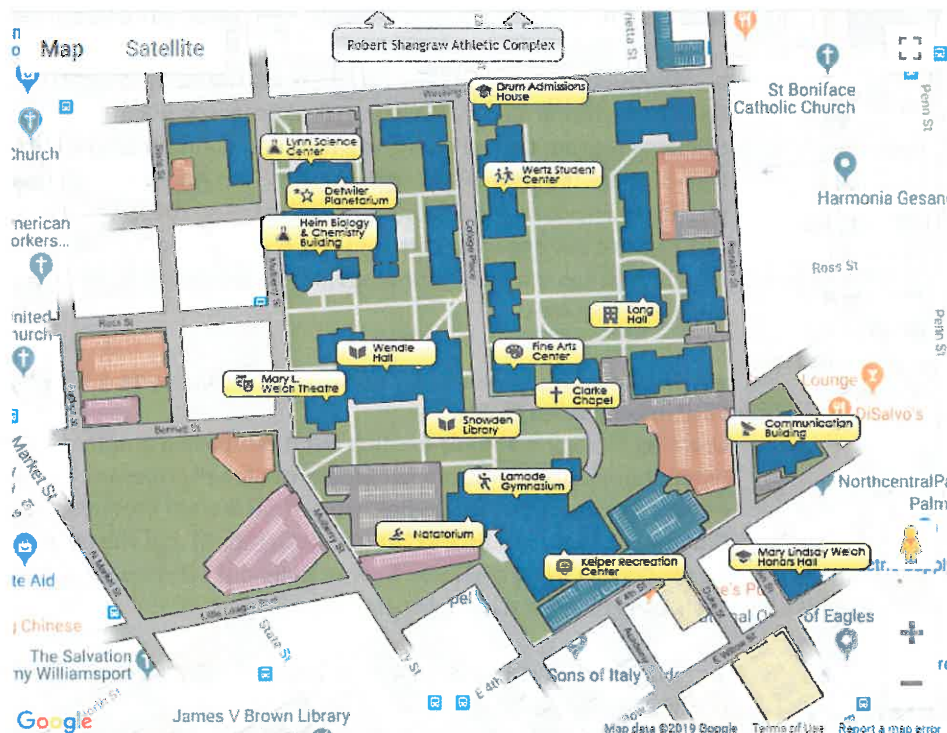
Where to Stay

<https://www.lycoming.edu/about-lycoming/accommodations.aspx>

Where to Eat

<https://www.lycoming.edu/about-lycoming/williamsport-dining.aspx>

### *Campus Map*



**Questions:** Please send any questions to Karen Avery ([kla15@pct.edu](mailto:kla15@pct.edu))

REGISTRATION LINK: <https://www.elmr.org/Register.aspx?ScheduleID=4368>

- Please have a credit card ready and print screen for receipts.
- Once registered, you will receive occasional updates!

**Big Special Thanks to Lycoming College Biology Department, Lycoming College Admissions, BLaST IU 17 and our amazing presenters!**