



Hagerstown Community College
11400 Robinwood Drive
Hagerstown, MD 21742
(240) 500-2429
www.hagerstowncc.edu

2015 BIOTECHNOLOGY SUMMER INSTITUTE: MICROSCOPY FOCUS
Application Form

Complete the following application form and essays and submit to Dr. Kristen Lennon. Eligible applicants include current high school students who will be at least 16 years of age at the start of the Biotechnology Summer Institute on June 15, 2015. Please print clearly.

1. First Name _____ Last Name _____ Middle Initial _____
2. Date of Birth (mm/dd/yyyy) _____ Are you a United States Citizen?*(yes/no) _____
3. Mailing Address: _____
City _____ State _____ Zip _____
Email address: _____ Phone Number: _____
4. High School: _____ Graduation Year: _____
5. High School Cumulative GPA: _____ PSAT math score: _____
HS Guidance Counselor Signature: _____ SAT math score: _____
6. Academic Coursework. Mark the following courses that you are currently taking or have completed.

<input type="checkbox"/> Biology	<input type="checkbox"/> AP Physics	<input type="checkbox"/> AP Psychology
<input type="checkbox"/> Chemistry	<input type="checkbox"/> Algebra I	<input type="checkbox"/> WCTHS Biomed Acad.
<input type="checkbox"/> Physics	<input type="checkbox"/> Geometry	<input type="checkbox"/> WCTHS Health Occ.
<input type="checkbox"/> Adv. Anat. & Phys.	<input type="checkbox"/> Algebra II	<input type="checkbox"/> WHS STEM Academy
<input type="checkbox"/> AP Biology	<input type="checkbox"/> Pre-Calculus & Trig	<input type="checkbox"/> NHHS Medical Acad.
<input type="checkbox"/> AP Chemistry	<input type="checkbox"/> AP Calculus I or II	<input type="checkbox"/> NHHS IB Program
<input type="checkbox"/> AP Environ. Science	<input type="checkbox"/> AP Statistics	<input type="checkbox"/> CHS Agriculture Acad.
7. List any science and math courses you intend to take next year: _____

8. The summer institute will require students to complete some assignments outside of class time.
Do you plan to work during summer 2015? _____ Estimated hours/week: _____
9. Employment/education plans after high school graduation: _____

-Continue to back side-

Essay Question Instructions:

- Essay questions should be typed using single-space 12 point font
- The student's full name and high school should be included on the top right corner of all pages
- Responses for all 4 essay questions should not exceed two pages
- Responses should be labeled with "Essay question 1" and "Essay question 2" etc.
- When necessary, references should be cited

Question 1:

How does the Biotechnology Summer Institute: Microscopy Focus fit into your long-term educational or career goals? What do you hope to gain from participating in the summer institute?

Question 2:

Describe one of your favorite lab activities from any of your high school science classes. Explain the key concept(s) covered in the activity, and explain why you enjoyed this lab.

Question 3:

What do you feel are your strengths and weaknesses as a student?

Question 4:

HCC's biotech program was awarded an NSF grant in 2012 for microscopy education. What has your experience in school been like with using microscopes? Do you have confidence or strong skills or do you feel that the Institute would help you to develop your skills and better prepare you for college?

Teacher Recommendation Instructions (required):

- Students will need to provide one completed teacher recommendation form
- The teacher should be from a science, technology, engineering, or math field
- Recommendation forms can be mailed directly to HCC by the teacher or it can be included with the student's application in a separate sealed envelope with the teacher's signature across the sealed flap

I hereby certify that to my knowledge the information on this application is complete and accurate. I am willing to abide by the conditions and regulations of the Hagerstown Community College Biotechnology Summer Institute.

Applicant's Signature

Date

Submit this Application to:
Biotechnology Summer Institute
Dr. Kristen Lennon, STEM Building 422
Hagerstown Community College
11400 Robinwood Drive
Hagerstown, MD 21742

You may also scan and email the signed application
to kalennon@hagerstowncc.edu

*Students who are accepted will be required to provide proof that they are citizens of the United States, nationals of the United States, aliens admitted as refugees under section 207 of the Immigration and Nationality Act, or aliens lawfully admitted to the United States for permanent residence.



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**2015 BIOTECHNOLOGY SUMMER INSTITUTE: MICROSCOPY FOCUS
Teacher Recommendation Form**

Teacher Recommendation Instructions:

- Students will need to provide one teacher recommendation form
- The teacher should be from a science, technology, engineering, or math field
- Recommendation forms can be mailed directly to HCC by the teacher or it can be included with the student's application in a separate sealed envelope with the teacher's signature across the sealed flap

For the applicant: Please fill out the information in this box prior to giving the form to your teacher.

Student Name: _____
(first) (middle initial) (last)

High School: _____

Teacher Name: _____ Subject(s) Taught: _____

Please <input type="checkbox"/> appropriate box	Below Average	Average	Good	Excellent	Outstanding
Academic Performance					
Academic Potential					
Written Skills					
Verbal Skills					
Mathematical Skills					
Communication Skills					
Leadership					
Task Commitment					
Maturity					
Character					
Study/Organizational/Time Management Skills					
Intellectual Curiosity					
Creativity					
Critical/Analytical Thinking					
Problem-Solving Ability					
Native Intellectual Ability					
Potential for Intellectual Growth					

-please continue to the back side-

Would you recommend this student for the HCC Biotechnology Summer Institute: Microscopy Focus?
Yes No

Do you feel this student displays the maturity and discipline to participate as a college student in the Summer Institute? Yes No

Describe the student's strengths and weaknesses as it pertains to science.

Teacher Signature

Date

Survey Questions for Teachers (optional):

Do you use any biotechnology or microscopy applications in your classes? Yes No
If yes, briefly list the biotechnology or microscopy topics or labs you use in your class:

Would you be interested in participating in a 1-week paid Biotechnology Summer Institute for secondary science teachers focused on the topic of microscopy? Yes No

Do you have any suggestions for how the HCC Biotechnology program or the Microscopy Training Hub can assist teachers in providing more opportunities for students interested in biotechnology or microscopy related fields?

Submit this Form to:
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Dr. Kristen Lennon, STEM Building 422
Hagerstown Community College
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The student may include this recommendation form with their application as long as it is in a sealed envelope with your signature.

Scan and email: kalennon@hagerstowncc.edu
Fax with cover letter: (301) 393-3687