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# CARB

## STUDENT INTERNSHIP PROGRAM

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The Center for Advanced Research in Biotechnology (CARB) is supporting a local internship program in biotechnology research for students in Montgomery County Public Schools. The goal of this program is to provide an opportunity for highly motivated students to explore career opportunities in the field of biotechnology. Students will work with a research group headed by one of the CARB faculty members (program information can be found on the CARB web site: <http://carb.umbi.umd.edu>).

This internship is a one-year program – summer internship + academic year internship. Students are expected to work about six weeks (no more than 40 hours per week) during the summer months at a salary (to be determined). The internship will continue during the fall and spring semesters. A written summary of the research results and an oral presentation will be required late in the spring semester at an informal reception at CARB.

## CARB High School Student Internship Program Application Procedure

1. Complete the attached worksheet and **all application requirements** and mail the complete package to Mrs. Lesli Adler, Director, DNA Resource Center, Thomas S. Wootton High School, 2100 Wootton Pkwy, Rockville, MD 20850
2. Applications will be evaluated for completion and sent to CARB within two weeks of receipt. CARB will schedule interviews with the students they think are best qualified and notify applicants of placement.

### **Application Requirements**

#### **Submit the following as a completed application package:**

- **Application Form:** Complete the Student Application. Make sure all items are completed and clearly, legibly printed. Since CARB will correspond by email, applicants with undeliverable emails may be disqualified.
- **Transcript:** You need to include a copy of your transcript from the registrar.
- **Personal Essay:** Visit the CARB website (<http://carb.umbi.umd.edu>) and review the CARB Research Highlights (**click on "Research" in the left side navigation bar**). Choose an area of research that interests you, and write a short essay (no more than 2- 3 paragraphs) explaining the importance of this type of research and why it interests you. We recommend that you compose this essay using word processing software (such as Microsoft Word). Attach a printed copy with the application.
- **Resume:** Provide a short resume that lists your activities, especially those related to science. Information on how to write a resume is available from [www.MontgomeryYouthWorks.com](http://www.MontgomeryYouthWorks.com).

# STUDENT APPLICATION for INTERNSHIP at CARB

Please clearly print the following information:

<i>Student Name</i>	
Home Phone #:	
Email Address:	
Name of School	

## *SCIENCE, MATH & COMPUTER CLASSES WITH GRADES AND LEVEL*

Course Title	Check if Honors	Final Grade	Year Taken	Currently Enrolled? (Y/N)
Anatomy & Physiology				
AP Biology				
Biology				
Chemistry				
AP Chemistry				
Physics				
AP Physics				
Molecular Biology				
AP Environmental Science				
Algebra II				
Calculus				
Geometry				
Software Applications				
Other: _____				
Other: _____				
Other: _____				
Other: _____				

Science Teacher Recommendation

Teacher Recommendation

<b>Name</b>		<b>Name</b>	
<b>Signature</b>		<b>Signature</b>	
<b>e-mail</b>		<b>e-mail</b>	

## Verification of School Attendance

Please complete the following:

**Science Department  
Resource Teacher**

**Principal / Administrator**

<b>Name</b>		<b>Name</b>	
<b>Signature</b>		<b>Signature</b>	
<b>e-mail</b>			

**Counselor's Certification:** I certify that \_\_\_\_\_ has completed or is currently enrolled in all courses that will meet the requirements of MCPS in order to graduate from high school

### PARENT/GUARDIAN PERMISSION

I give my permission to have my son/daughter/ward participate in the CARB High School Student Internship Program during this coming summer ***and*** the following fall and spring semesters of the academic year. I understand that my child must provide his/her own transportation. I also understand that in order for my child to participate in this program, he/she may not be able to participate in regularly scheduled after-school activities.

It is recommended that students selected for this program register for the appropriate MCPS Internship course for the academic year. Please consult with your guidance counselor and the Internship Coordinator at your school to determine the appropriate course schedule and course codes. Internship is an MCPS course with curriculum, assignments, and grade. Grades will be entered onto the student's transcript.

Parent/Guardian's Signature \_\_\_\_\_ Date \_\_\_\_\_