

# ENGINEERING FOR HEALTH ACADEMY

Francisco Bravo Medical Magnet High School  
1200 N. Cornwell ♦ Street Los Angeles, CA 90033 ♦ Tel: 323/227-4400



## APPLICATION FORM 2016

### INSTRUCTIONS:

If you would like to be considered for admission to the Engineering for Health Academy (EHA), please complete both pages of the application and have a teacher submit the teacher recommendation form. Acceptance into the Academy will in part be determined by the information you provide. We may not be able to accept all applicants due to limited space. Applicants who are not accepted will be placed on a waiting list.

The application **deadline is April 19, 2016**. Please return completed applications to Ms.Hollinshead in the counseling office.

For more information about the Engineering for Health Academy, please visit

<http://bravoweb.lausd.net/eha.php>

### Student Information: (please print)

Last Name:	First Name:
Address:	
Phone:	Grade Level:
Email:	

Current Science Teacher's name and room number: \_\_\_\_\_

### Student and Parent (Guardian) Statement of Commitment

The Engineering for Health Academy (EHA) involves a great commitment. The student is expected to enroll in the EHA core courses which incorporate project-based learning and require working collaboratively with classmates and professionals from the University of Southern California. The student is expected to maintain good grades and demonstrate a professional work ethic as a condition for participation in the Engineering for Health Academy.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent or Guardian Name (please print)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent of Guardian Signature

# ENGINEERING FOR HEALTH ACADEMY (EHA)

**STUDENT NAME:** \_\_\_\_\_ **BIRTH DATE:** \_\_\_\_\_

Please answer the following questions in at least one fully formed, well written paragraph in the space provided. If you need additional space, write/type your responses on a separate paper, staple to application, and make sure to include your name and birth date at the top of the page.

1. Why are you interested in the Engineering for Health Academy?


2. What skills do you have that will help you be successful in the Academy?


3. What are you expecting to learn from the Academy?


4. What are your educational and professional goals after high school?


5. Are you willing to make a 2 year commitment to the Academy?                      Yes                      No

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**Teacher Recommendation (2016)**

**To the Applicant:**

Fill in the information below and give this form to your current Science teacher at Bravo. Be sure to include the subject, semester, and year the teacher was your instructor. If the same teacher has been your instructor in more than one class, be sure to include all the classes.

Student Name \_\_\_\_\_

Teacher Name \_\_\_\_\_

Subject	Semester	Year

**Program Description:**

**The Engineering for Health Academy (EHA):** A Specialized Secondary Program Preparing High School Students for a Career in the Biomedical Engineering Profession.

*The EHA will be modeled as a small learning community offering students in grades 10 through 12 a new and innovative course of study comprised of 4 integrated classes focused on biomedical engineering (BME).*

*The major goals of the EHA are:*

- 1. To introduce high school students, including English language learners, under-represented minorities and at-risk students to all aspects of the biomedical engineering field in terms of the broad spectrum of career opportunities.*
- 2. To design and implement a series of integrated courses that are experiential in nature, standards-aligned and directly relate content knowledge and skill mastery to student-centered BME projects.*
- 3. To place third year EHA students in USC BME research laboratories or in internships with local biomedical engineering industry partners and*
- 4. To prepare students to undertake and succeed in a rigorous postsecondary engineering education pathway.*

Professional scientists and engineers from the Biomimetic MicroElectronic Systems Engineering Research Center at USC will collaborate with EHA teachers at Bravo on curricular development and implementation. EHA students will visit university and industry research laboratories and have access to university mentors and equipment. As students will learn engineering by doing engineering, they will be active participants in their education, making what they learn relevant and personally meaningful.

## ENGINEERING FOR HEALTH ACADEMY (EHA)

**STUDENT NAME:** \_\_\_\_\_

**To the Teacher:**

Your evaluation of the student listed above is helpful in choosing from among highly qualified candidates to the Engineering for Health Academy. Please rate this student's performance in each of the following categories. This evaluation should be returned to Ms. Hollinshead in the Counseling Office no later than **Tuesday, April 19<sup>th</sup>, 2016**. The evaluation will not be shown to the student. Thank you for your support.

	Low 1	2	3	4	High 5	NA	Comments
Understanding of Academic Area							
Willingness to Do Assigned Work							
Motivation							
Maturity							
Attendance							
Ability to read at or above grade level							

What letter grade, work habits and cooperation marks did you give this student?

Subject	Letter Grade	Work Habits	Cooperation

**Teacher Recommendation--CHECK ONE OF THE FOLLOWING:**

- I can, without reservation, strongly recommend this student as being capable of doing the work expected in a rigorous course of study focused on biomedical engineering. I also can vouch for this student's honesty, integrity and maturity.*
- I can recommend this student with reservations (please explain your reservations in comments below)*
- I cannot recommend this student.*

Teacher Signature \_\_\_\_\_ Date \_\_\_\_\_

Additional Comments and/or Explanations:


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Teacher Name \_\_\_\_\_

Subject	Semester	Year

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