



HudsonAlpha Institute for Biotechnology 2016 L.A.B.S.-Launching Aspiring Biotechnology Scientists APPLICATION GUIDELINES AND INSTRUCTIONS

PROGRAM DATES: Tuesdays and Thursdays from 4:00-6:00 pm for six weeks each semester

APPLICATION DEADLINE: Friday, February 17, 2017 (5:00 p.m. CST)

PROGRAM OVERVIEW:

L.A.B.S. is an after school program designed to equip students with the basic skills and knowledge that are essential to join the future science, technology, engineering and mathematics workforce. HudsonAlpha's state-of-the-art facilities along with access on our biotech campus to some of the most advanced genetics and genomics research will help students become ready to take advantage of future lab opportunities.

The program is a two-year commitment. Participants who are selected will engage, grow and learn together over four semesters, concluding the program in Spring 2019. Students will meet in the educational labs at the HudsonAlpha Institute for Biotechnology on Tuesdays and Thursdays from 4 to 6 pm for six weeks each semester. This program is provided at no cost to participants.

AT THE END OF THE PROGRAM, STUDENTS WILL HAVE:

- Career awareness in STEM-related fields
- Opportunities for high school students to establish and enhance laboratory skills
- Content knowledge and application of genetics, genomics, and biotechnology
- Real-world application of scientific skills

ELIGIBILITY:

- Applicants must be enrolled in 8th through 10th grade in order to be eligible for the two-year program.
- Applicants must be willing to commit four hours a week for six week semesters over the course of two years.
 - L.A.B.S. will be held from 4:00-6:00 pm on Tuesdays and Thursdays on the following six-week semesters:
 - Sep. 12- Oct. 26, 2017 (excluding Fall Break, Oct. 2-6, 2017)
 - Jan. 30- March 8, 2018
 - Sep. 11- October 25, 2018 (excluding Fall Break)
 - Jan. 29- March 7, 2019
- Applicants must be able to provide their own transportation.

A special emphasis is placed on identifying and recruiting first-generation college-bound students as well as those from

groups that are historically underrepresented in the sciences (e.g., African-American, Hispanic, Native Pacific Islander or Native American students).

APPLICATION CHECKLIST:

- ☐ [L.A.B.S. application](#) submitted by Friday, February 17, 2017 (5:00 p.m. CST)
- ☐ Official or Unofficial Transcript submitted by Friday, February 17, 2017 (5:00 p.m. CST)
- ☐ The LABS Letter of Recommendation Form (located on the website) submitted by a current or former Science or Math teacher submitted by Friday, February 17, 2017 (5:00 p.m. CST)

Both the transcript and letter of recommendation may be submitted to us via email at edoutreach@hudsonalpha.org, or by mail at:

HudsonAlpha Institute for Biotechnology
c/o Educational Outreach
601 Genome Way
Huntsville, AL 35806

Please note that all documents must be received by the due date and time in order to be eligible for review, including your letter of recommendation. Incomplete applications will NOT be accepted. NO EXCEPTIONS!