

# STEM Webinar Sessions

## July Sessions

July 10th, 2020

2020  
BOBCAT SUMMER STEM  
ACADEMY  
VIRTUAL EDITION



### **Presenter: Alejandra Santoyo**

#### **Sounds in the Brain: The anatomy of the human ear and current research on how the brain perceives sound**

Do you wonder how the brain knows where a sound is coming from? Do you ever marvel at how your brain knows what sounds are music and which are language? I will be explaining the anatomy of the human ear and how it functions to turn sound waves in the air into interpretable signals for your brain. I will also cover current research in the field of auditory science so don't miss out!

### **About the Presenter:**

My name is Alex, (short for Alejandra) and I am a first-year graduate student in the Department of Cognitive and Information Sciences at the University of California, Merced. As an undergraduate at the UC, I was a part of two summer research internships, a volunteer in several research labs, and worked as an assistant in the Office of Housing and Residence Life and the Office of Undergraduate Research. In my free time I like to take pictures, design and mold clay earrings, cook weird recipes that are so spicy my nose starts to sweat, go on hikes, and listen to all kinds of music!

### **Who is the webinar session open to?**

- **K-12 students- Middle and High School Students**

### **When is the session:**

- **July 10th: 10am to 11am**

### **How can you register?**

#### **Zoom Registration Link Below:**

<https://ucmerced.zoom.us/meeting/register/tjYuce-vqDkqHtbLPQZgkSeUVCdgMPRIpAfD>