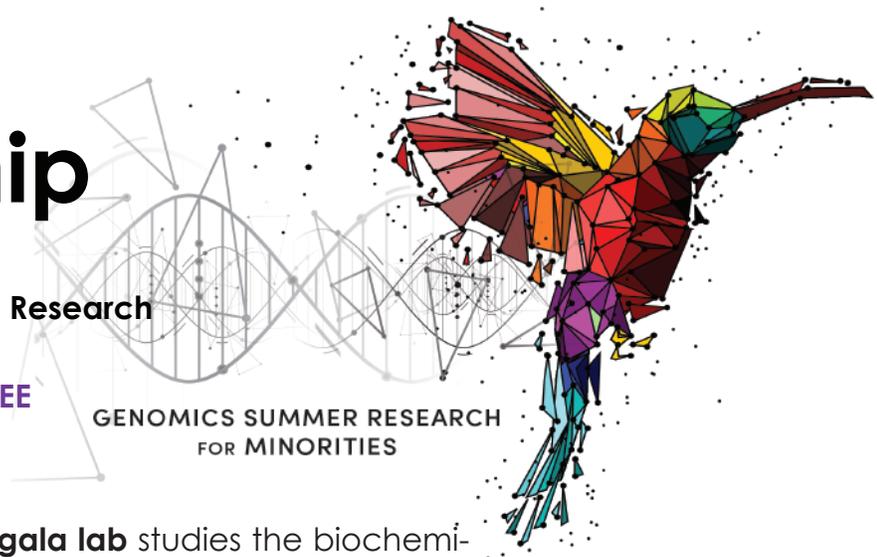


# GSRM Internship

A Pathway to Increase Diversity in Science Research

ISSUE NO 2 | 06.10.2019 | GSRM: WEEK THREE

GENOMICS SUMMER RESEARCH  
FOR MINORITIES



**The Sigala lab** studies the biochemical pathways that allow malarial parasites to survive inside red blood cells. To uncover new targets for the treatment of malaria, the lab aims to identify genes and metabolic pathways unique to Plasmodium.

Lab's mentorship style:  
Be rigorous, be creative, and be a curiosity-driven scientist.

PI: Paul Sigala  
Co-mentor: Amanda Mixon

Photo: Celine and Amanda having fun in the lab.

<https://medicine.utah.edu/biochemistry/labs/sigala-lab/>



**The Villanueva lab** studies transcriptional regulators of metabolism and adipocyte development, and how they relate to physiology and disease. Their goal is to find novel therapeutics for the treatment of metabolic disorders such as obesity and type 2 diabetes.

Lab's motto: Work Hard Play Hard!

PI: Claudio Villanueva  
Co-mentor: Vanja Panic

Photo: Claudio and James look alike day

[https://biochem.web.utah.edu/villanueva/Villanueva\\_Lab/Welcome.html](https://biochem.web.utah.edu/villanueva/Villanueva_Lab/Welcome.html)

Labs of the week

What to expect for week number three?

Why our logo is a hummingbird?

GSRM thanks the support from  
NHGRI  
U of U  
Department of Pediatrics

## HOW IS WEEK THREE SHAPING?

On week three, we hope you are getting familiar with all the tools and techniques that will advance your summer project. Are you keeping an excellent lab book? By recording your day to day activities, you will be able to easily access information about the equipment you are using, reagents, passwords, why you did the experiment and how it turned out. This will help you become more independent in your future solo runs.

GSRM continues regular weekly meetings:

### **Thursdays: GSRM Lecture Series and Genomics Course**

Open to all GSRM community.

### **Fridays: GSRM Mentor Lunch**

For students and invited guest.

Interns will present their work and receive feedback.

## Hummingbirds are masters of change.

They can fly to the right, left, up, down, backwards, even upside down. They symbolize the ability to change directions, the enjoyment of life and the lightness of being. They have the strength to fly long distances with beauty and precision. GSRM interns are invited to expand their wings, fly with grace and be fearless in the pursuit of their dreams.



Interns received handmade hummingbirds made by the Shuar people, an indigenous community in Ecuador. Friends from Czech Republic living and supporting this community in Ecuador, were very moved by the news of our GSRM program. They sent best wishes for the program.

## Mark Your Calendars

**Wednesday June 12, 2019**

### **Grad School Admissions Mini-Symposium**

Your chance to learn practical skills to apply to grad school and enter the STEM workforce.

Where: HSEB multiple rooms

Time: 2-5pm

**Thursday June 13, 2019**

### **GSRM Lecture Series**

Where: HSEB 3420

Time: 4-5pm

Lynn Jorde, PhD.

“Human Genetics and Large Pedigrees”

**Thursday June 13, 2019**

### **Social Night (S'mores) hosted by GSRM & NARI**

Where: fire pit/grill area behind the Heritage Center

Time: 6pm

**Friday June 14, 2019**

### **GSRM Mentor Lunch**

Where: HSEB 3420

Time: 2-4pm

Students Research Presentation :

James Banks (Villanueva Lab)

Celine Slam (Sigala Lab)