

Juan Sebastián Miranda Maravi, BS

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EDUCATION

Postbaccalaureate Research Experience Program Scholar, Present

University of South Carolina

NIH Program

Bachelor of Science in Biology, May 2021

Universidad Peruana Cayetano Heredia, Lima, Peru

PROFESSIONAL EXPERIENCE

Research Assistant, Present

Foundations of Lipids and Exercise Lab

University of South Carolina: Arnold School of Public Health

Mentor: Mark Sarzynski, Ph.D.

Research Assistant, 2021 - 2022

Mars Desert Research Station (MDRS)

Hanksville, Utah

Research Assistant, 2020 - 2021

Research Nutrition Institute (IIN)

Molecular Biology Laboratory

Lima, Peru

Intern, 2018 - 2019

Department of Biomedical Engineering.

Biomedical Engineering Lab.: Development and research laboratories (LID)

Universidad Peruana Cayetano Heredia (UPCH)

Lima, Peru

Intern, 2017

Instituto de Medicina Tropical "Alexander von Humboldt"

Pediatric Infectology Lab.: Development and research laboratories (LID) UPCH

Universidad Peruana Cayetano Heredia (UPCH)

Lima, Peru

RESEARCH EXPERIENCE

PEER REVIEWED PUBLICATIONS

Submitted / In Review

1. Yordi Tarazona-Castro, Lucinda Troyes, Johanna Martins-Luna, Felipa Cabellos-Altamirano, Miguel Angel Aguilar-Luis, Hugo Carrillo-Ng, Luis J. del Valle, Sugmin Kym, **Sebastian Miranda-Maravi**, Wilmer Silva-Caso, Saúl Levy-Blitchtein, Juana del Valle-Mendoza. "Detection of SARS-CoV-2 in febrile patients from an endemic region of dengue and chikungunya in Peru." PLOS ONE.

PRESENTATIONS

Posters

1. Saul Levy-Blitchtein, Yordi Tarazona-Castro, Lucinda Troyes, Johanna Martins-Luna, Felipe Cabellos-Altamirano, Miguel Angel Aguilar-Luis, Hugo Carrillo-Ng, Luis Javier Del Valle, Sungmin Kim, **Sebastian Miranda Maravi**, Wilmer Silva-Caso, Juana Del Valle-Mendoza. "Reemerging Chikungunya Virus as an etiological agent of Acute Febrile Illness in the High Jungle Of Northern Peru." 32nd European Congress of Clinical Microbiology and Infectious Diseases 2022.

FUNDING

NIH Postbaccalaureate Research Experience Program (PREP), Present

MENTORSHIP, TEACHING AND OUTREACH

The Mars Society, 2021 - 2022

Research Assistant: We conducted sample collection of cyanobacteria in desert varnish at the Mars Desert Research Station

The Novice Scientist Magazine, 2021 - 2022

Astrobiology Director

South America Space Generation Online Workshop, 2021

Delegate

Astrobiology journal club of Journal Club Peru, 2020 – 2021

Co-leader of the journal club. Coordinated and lead weekly, interdisciplinary astrobiology journal club.

International Astrobiology Congress, 2018

Universidad Nacional Mayor de San Marcos - Asociación Peruana de Astrobiología (ASPAST)
- Instituto de Astrobiología de Colombia (IAC)

SKILLS and CERTIFICATIONS

- Languages Known
 - Fluent in:
 - Spanish
 - English
 - Beginner:
 - German
- Laboratory Safety
 - UofSC CHEMICAL AND LABORATORY SAFETY
 - UofSC Initial Hazardous Waste Training
- Basic Laboratory Skills
 - Proficient in pipetting
- Computer skills
 - Microsoft Office Suite
 - Rstudio Statistical Software
 - SAS Statistical Software