

Ulises Jaime-Yepe

PERSONAL INFORMATION

University of California Santa Cruz,
Department of Engineering,
Santa Cruz, CA, 95064

Citizenship: U.S.A
Date of Birth: 20th August 1997
E-mail: ujaimeye@ucsc.edu

RESEARCH INTERESTS Population Dynamics, Math Bio, Fluid Dynamics, Control Theory, Stochastic Modeling, PDE based research

EMPLOYMENT

University of California Davis
Department of Mathematics UCD, Davis, California, USA
Reader Mathematics: September 2019 – 2021.

University of California Davis
Department of Graduate and Management , Davis, California, USA
Technical Writer & Data Analyst: September 2019 – September 2020.

MTBI Research Program
Tempe, Arizona, USA
Student Researcher (10 weeks) June 5th - August 1st, 2019.

EDUCATION

Bachelors of Science
Major Applied Mathematics; Minor Construction Engineering/Management
Department of Mathematics, Davis, California, USA

PhD Student (Fall 2021-Current)- Applied Mathematics
Baskins Engineering, Santa Cruz, California, USA

TEACHING EXPERIENCE

AM 20 (TA, Summer 2022): Mathematical Methods for Engineers II
AM 114/214 (TA, Fall 2022): Applied Dynamical Systems
AM 107/217 (TA, Winter 2023): Intro To Fluid Dynamics

RESEARCH ARTICLES

The Role of Preferential Mating and Wolbachia Infection on the *Aedes Aegypti* Population Dynamics,
Bernardo Amenyro Rodriguez, Max Chavez, Ulises Jaime-Yepe, Brian Chau, Zhen Wang, Anuj Mubay

AWARDS AND RECOGNITIONS

CITL Graduate Pedagogy Fellowship 2023.
AM TA teaching award, Fall 2022, UCSC Applied Math Department.
Arizona State University, Completion of MTBI Program. Stipend of \$5000.
Eric C Ruliffson Scholarship, UC Davis Applied Math Department \$2,500

LANGUAGES AND
OTHER ACTIVITIES

- Spanish & English: Native writer, and speaker.
- Intermediate German.
- President (2019-2020) and Member of Alpha Sigma Phi Fraternity
- Proficient in MATLAB, Maple, Excel, Java, and Python

REFERENCES

Roger Casals,
UC Davis Mathematics Professor,
University of California Davis,
1 Shields Ave
Davis, CA 95616

Baltazar Espinoza,
Assistant Professor,
University of Virginia
Charlottesville, VA

Anuj Mubayi,
Assistant Professor,
Arizona State University,
Tempe, AZ 85281

Baojun Song,
Research Professor,
Montclair University,
1 Normal Ave, Montclair, NJ 07043