

Biographical Sketch

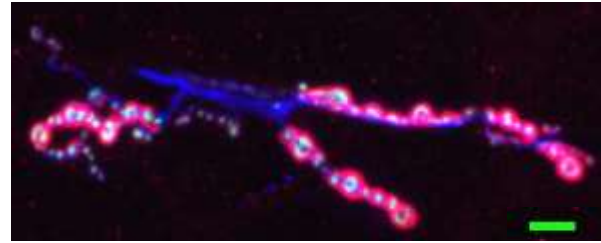
Kevin M. De Leon González

Current Status:

Ph.D student

Dept. of Biology, UPR Rio Piedras

Email: kevin.deleon@upr.edu, kevindeleonupr@gmail.com



Education:

2009-2014 BS Faculty of natural science; interdisciplinary science program, UPR-Rio Piedras

2015-present Ph.D. student in Biology Program, in area of specialization: Neurobiology

University of Puerto Rico, Rio Piedras campus, San Juan, PR

Current Research Interests: My research is focused in identifying the molecular mechanism of temperature dependent synaptic growth at the *Drosophila melanogaster* neuromuscular junction. Interest in using technics involved in Molecular Biology, Immunohistochemistry, Genetics, electrophysiology and live imaging.

RESEARCH and/or ACADEMIC EXPERIENCE

Summer 2011- Fall 2012

Undergraduate research

University of Puerto Rico Rio Piedras campus

Faculty Mentor: Adriana Herrera

- Research of Anuram and reptile assemblages in a human modified landscape in Puerto Rico: implications for maintaining biodiversity

Fall 2012- Fall 2014

Undergraduate Research

NSF Undergraduate Fellow Puerto Rico Center for Environmental Neuroscience

Institute of Neurobiology, University of Puerto Rico, Rio Piedras campus

Faculty Mentor: Bruno Marie, Ph.D.

- Research on Molecular Mechanism underling temperature dependent growth at the neuromuscular junction of *Drosophila melanogaster* model

Fall 2015- Summer 2017

Ph.D. Graduate student

NSF Graduate Fellow Puerto Rico Center for Environmental Neuroscience

Neurobiology and genetics laboratory

Principal investigator: Bruno Marie, Ph.D.

Marine Biological Laboratories SPINES course

Faculty: Jean King, Ph.D. Keith Trujillo, Ph.D. and Eddie Castañeda, Ph.D.

Fall 2017- 2018

Ph.D. Graduate student

Rise Fellow-Medical Sciences campus

Neurobiology and genetics laboratory

Principal investigator: Bruno Marie, Ph.D.

Medical Science MBRS Rise: Career development workshop

Fellowship Writing Course

Faculty, Gregory Quirk, Ph.D.

Stanford online: Writing in science course

Faculty, Kristin Sainani, Ph.D.

November 2017- December 2017

Visiting scientist at Marine Biological laboratories

Faculty: Joshua Rosenthal Ph.D., Bruno Marie, Ph.D.

2019- Present

Rise Fellow- Rio Piedras campus

Neurobiology and genetics laboratory

Principal investigator: Bruno Marie, Ph.D

- Research on Molecular Mechanism underlying temperature dependent growth at the neuromuscular junction of *Drosophila melanogaster* model

AWARDS and HONORS

2012- 2014 NSF Undergraduate Fellow Puerto Rico Center for Environmental Neuroscience

2015-2017 NSF Graduate Fellow Puerto Rico Center for Environmental Neuroscience

Summer 2015- Marine Biological Laboratories SPINES Course

2015- Spines Chicago Symposium travel award 2015

2017-2018 RISE fellow Medical science campus

2019- present RISE fellow Rio Piedras Campus

PUBLICATIONS

PRESENTATIONS

Kevin De Leon and Bruno Marie. *Jun Kinase limits synaptic growth at low temperature*. August 11 2018, 2nd Puerto Rico Drosophila (and other insects) Neurobiology Meeting. Institute of Neurobiology, Poster, San Juan P.R

Kevin De Leon and Bruno Marie. *Jun Kinase limits synaptic growth at low temperature*. 2018. Foro anual Recinto ciencias médicas. Poster, San Juan P.R

Kevin De Leon and Bruno Marie. *Phthalates affect synaptic growth and stability at the drosophila NMJ*. 2017. Society for neuroscience, Poster. Washington, DC

Kevin De Leon and Bruno Marie. *Exogenous Exposure to Dibutyl Phthalate Affects Synapse Development and Stability at the Drosophila Neuromuscular Junction*. 2016. PRCEN annual Retreat, Speaker. Old San Juan, PR

Kevin De Leon and Bruno Marie. *Jun Kinase limits synaptic growth at low temperature*. 2016. PRCEN annual Retreat, Poster. Old San Juan, PR

Kevin De Leon, Bruno Marie. *Dibutyl phthalate affects synaptic growth and stability at the Drosophila NMJ*. 2015, Society for neuroscience, Poster, Chicago

Kevin De Leon, Bruno Marie. *Dibutyl phthalate affects synaptic growth and stability at the Drosophila NMJ*. 2015, SPINES Symposium, Lighting talk, Chicago

Kevin De Leon, Bruno Marie. *Jun Kinase limits the synaptic growth in animals raised at low temperature*. 2015, SPINES symposium, Speaker, Marine Biological Laboratory

Kevin De Leon, Bruno Marie. *Jun Kinase limits the synaptic growth in animals raised at low temperature*. 2015, SPINES minisymposium, poster. Marine Biological Laboratory

Kevin De Leon, Bruno Marie. *Dibutyl phthalate affects synaptic growth and stability at the Drosophila NMJ*. 2015, PRCEN Annual retreat, Speaker, Old San Juan, PR

Kevin De Leon, Bruno Marie. *Jun Kinase limits the synaptic growth in animals raised at low temperature*. 2014, PRCEN, Annual Retreat, poster. Old San Juan, PR

Kevin De Leon, Ivan Adames, Bruno Marie. *Molecular mechanism Underling temperature dependent growth*, 2013. Capstone poster presentation. Faculty Natural Science, Rio Piedras campus

Kevin De Leon, Ivan Adames, Bruno Marie. *Molecular mechanism underlying temperature dependent growth*. 2013. PRCEN, Annual Retreat, speaker. Old San Juan, PR

OUTREACH EXPERIENCE and/or COMMUNITY SERVICE

Kevin De Leon, CREST PRCEEN, Drosophila has a model to study the effect of environmental stressors in the nervous system. Brain awareness week 4/4/2018

Institute of neurobiology, Kevin De Leon. Drosophila as a model system to study contaminants effect on the nervous system. Students from academia San Jose. 3/12/2018

Institute of neurobiology, Kevin De Leon. Drosophila as a model system to study contaminants effect on the nervous system. Brain awareness day. 3/12/2018

Kevin De Leon Bruno Marie *Jun Kinase limits the synaptic growth in animals raised at low temperature*, Open house Ciencias naturales ,UPR-RP, Poster. 2016

Kevin De Leon Bruno Marie *Jun Kinase limits the synaptic growth in animals raised at low temperature*, Open house Ciencias naturales ,UPR-RP, Poster. 2015

Kevin De Leon, Wilson Aquino Capetillo community outreach: *DNA as a blueprint of every organism*. Institute Neurobiology, Oral presentation 12/5/2015

Kevin De Leon, Wilson Aquino. Capetillo community outreach: *Shared traits and heritage*, Institute Neurobiology, Oral presentation 5/16/2014

EXTRACURRICULAR ACTIVITIES

Participation in the National games of Special olimpics. Played Football with team Union and team of Special olimpics.2015

Participation with Golitos Fundation.2015