

Maria E. Velez-Hernandez, Ph.D.

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Texas A & M University
Kingsville, TX 78363
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EDUCATION

PhD in Physiology

Summa Cum Laude, May 2012
University of Puerto Rico, MSC

Bachelor of Science in Biology

Magna Cum Laude, May 2001
University of Puerto Rico, Mayaguez

EMPLOYMENT HISTORY

Assistant Professor in Biology, 2015-present

Texas A&M University- Kingsville, TX

Assistant Professor in Biology, 2014-present

U. of Houston-Victoria, TX

Adjunct Faculty in Biology, 2013-2014

City University of New York- BMCC

Medical School Pharmacology Lecturer, Fall 2013

State University of New York DMC

Post-doctoral Associate, 2012-2014

State University of New York DMC

Dental and Medical School Tutor, 2009-2011

University of Puerto Rico, MSC

Medical School Teacher Assistant, 2007-2011

University of Puerto Rico, MSC

LIST OF COURSES TAUGHT

General Biology I (Honors Lecture)

Texas A & M University-Kingsville

Systems Neurobiology (Masters)

Texas A & M University- Kingsville

Functional Neuroanatomy (Lecture and Lab)

Texas A & M University- Kingsville

Understanding Human Physiology (Service Learning)

Texas A & M University- Kingsville

General Biology I

University of Houston-Victoria

Human Physiology (Lecture and Lab)

University of Houston-Victoria

Human Physiology (Lecture and Lab)

City University of New York- BMCC

General Biology I (Lecture and Lab)

City University of New York

PUBLICATIONS

Refereed journal articles

- Vaquer-Alicea, Ana; Vázquez-Torres, Rafael; Devarie-Hornedo, Marcos; Santos-Vera, Bermany; María-Ríos, Cristina; Montiel-Ramos, Alan; **Vélez-Hernández, Maria E.** Sacktor, Todd and Jiménez-Rivera, Carlos A.

- M. C. Velasquez-Martinez, **M.E. Vélez-Hernández**, B. Santos-Vera, A. Vaquer-Alicea, R. Vazquez-Torres, C.A. Jimenez-Rivera, *Alpha-1 adrenergic receptor modulation of ventral tegmental area dopamine neurons: role in cocaine sensitization*. Society for Neuroscence Meeting, 2014
- **M. E. Vélez-Hernández**, R. Vázquez-Torres, M.C. Velázquez-Martínez, J.R. Nieves-Meléndez, N.G. Sánchez-

RESEARCH AND CREATIVE ACTIVITIES

Funded Grants

- Role of PKM on *Drosophila melanogaster* courtship behavior
Source of Support: Texas Council Undergraduate Research Grant
Principal Investigator: Dr. Maria E. Velez
Budget: \$5,000
Time Period: 7 months (Jan 2016- August 2016)
- Understanding Human Physiology
Source of Support: Service Learning Grant- Texas A & M University-Kingsville
Principal Investigator: Dr. Maria E. Velez
Budget: \$7,000
Time period: 1 year (Sep 2016-July 2017)

Students trained

Undergraduate	Graduate
Cecilia Garza	Shruthi Chempati

