

Harim Delgado Seo

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EDUCATION

- Expected 2020 **Universidad Ana G. Méndez (UAGM), Gurabo, PR**
Baccalaureate degree in Biology
GPA: 3.87 out of 4.0
- Fall 2019 **Michigan State University (MSU), East Lansing, MI**
NIH Blueprint ENDURE Initiative Scholar and Research Fellow at MSU

RESEARCH EXPERIENCE

- PR • 2020 ***in vivo Quantitative Measurement of Dopamine from PC12 Cells Research***
Volunteer Researcher in Training
Dr. Lisandro F. Cunci-Pérez
- Determination of dopamine concentration from PC12 cells using a high-performance liquid chromatography (HPLC) system coupled with an electrochemical system
- MI • 2019 ***Elucidation of Mechanisms Underlying Ingestive Behavior Research***
Bridge to the PhD in Neuroscience Program (BPNP) Research Intern
Dr. Gina M. Leininger
- Analyzed TSE cages temporal data to observe short-term ingestive behaviors
 - Conducted metabolic phenotyping via longitudinal measurement of feeding and body weight
- MI • 2018 ***Serotonin Modulation of Large Bowel Movement Research***
Bridge to the PhD in Neuroscience Program (BPNP) Research Intern
Dr. James J. Galligan
- Studied the function of 5-HT₇ receptors in the generation of peristaltic movements in the rat colon
 - Analyzed dose-response curves of rat colon tissue recordings obtained from isometric organ baths

TECHNICAL AND RESEARCH SKILLS

- Polymerase chain reaction (PCR)
- Electrophoresis (e.g. SDS-PAGE)
- Cell culture
- IP injections
- Microtome
- TSE metabolic cages
- Nikon's Eclipse Polarizing Microscope
- Cyclic Voltammetry
- Electrochemical Impedance Spectroscopy
- GraphPad software

AWARDS AND ACHIEVEMENTS

- PR • 2015-20 Honor's Program scholarship awardee at Universidad Ana G. Méndez

- PR • 2019 Enhancing Neuroscience Diversity through Undergraduate Research Education Experiences (ENDURE) scholarship and fellowship awardee
- PR • 2018 Annual Biomedical Research Conference for Minority Students (ABRCMS) Travel Award awardee
- PR • 2018 *Certificate of Achievement* for being one of the best presentations at ABRCMS
- PR • 2017-18 Puerto Rico Luis Stokes Alliance for Minority Participation (PR-LSAMP) fellowship awardee

RESEARCH MEETINGS

Poster Presentations

- CA • 2019 Annual Biomedical Research Conference for Minority Students (ABRCMS)
Do the Neurotensin and FGF21 Signaling Systems Interact to Suppress Caloric Intake?
- IL • 2019 9th Annual Enhancing Neuroscience Diversity through Undergraduate Research Education Experiences (ENDURE) Meeting at Society for Neuroscience (SfN) Conference
Do the Neurotensin and FGF21 Signaling Systems Interact to Suppress Caloric Intake?
- MI • 2019 Mid-Michigan Symposium for Undergraduate Research Experiences (Mid-SURE)
Do the Neurotensin and FGF21 Signaling Systems Interact to Suppress Caloric Intake?
- IN • 2018 Annual Biomedical Research Conference for Minority Students (ABRCMS)
5-HT₇ Receptors do Not Contribute to Rat Colon Motility
- MI • 2018 Mid-Michigan Symposium for Undergraduate Research Experiences (Mid-SURE)
5-HT₇ Receptors Do Not Contribute to Motility of the Rat Colon

WORK EXPERIENCE

- PR • 2018-19 Mentor at Centro de Lectura y Redacción (a writing center) at UAGM
- Applied contemporary composition theory to analyze and criticize written projects

ASSOCIATIONS

- PR • 2020 Med-LIFE Student Chapter at UAGM
- PR • 2017-19 American Chemical Society (ACS) Student Chapter at UAGM

COMMUNITY OUTREACH

- PR • 2018 Chemists Celebrate Earth Week
- PR • 2017 National Chemistry Week

VOLUNTEER WORK

- PR • 2019 Trash Tag Challenge Volunteer to pick up trash at the beach of Levittown
- PR • 2016 Orientation Week of Association of Leaders Linked to Student Progress