College of Health Affairs Students Take Home Winning Posters at (SACNAS) 2017



College of Health Affairs students at SACNAS 2017 in Salt Lake City, Utah

College of Health Affairs at SACNAS 2017 - Rio Grande Valley, TX – October 26, 2017 - Students from the College of Health Affairs attended the national scientific conference SACNAS 2017, October 19 -21 in Salt Lake City, Utah. The Society for the Advancement of Chicano and Native American Science is the largest National Diversity in STEM Conference. Fifteen students from the College of Health Affairs were accompanied by the Dean of the College, Dr. Michael Lehker and CoHA RISE program Staff, Ms. Bianca Farrell, Ms. Noemi Hernandez, Ms. Magali Ayala and Ms. Ednia Gutierrez to the conference and experienced three days of cutting-edge science, professional development, training and mentoring. Ten students presented their research at the conference. Four student posters placed first in the student competition. The winning posters were:

Undergraduate Student: Jonathon Abshier

Mentor: Chun Xu

Category: Medicine, Poster Presenter Health, Undergraduate Poster Presenter Poster Title: The CCSER1 Genetic Variants Associated with Alzheimer's Disease

Undergraduate Student: Daniela Barbosa (RISE Scholar)

Mentor: Dr. Sue Anne Chew

Category: Bioengineering/Biomedical Engineering, Poster Presenter Engineering, Undergraduate Poster Presenter

Poster Title: Manipulation of Different Fabrication Parameters of PLGA/Minocycline Microparticles for the Treatment of Gliomas

Undergraduate Student: Jesus Roberto Franco

Mentor: Dr. Sue Anne Chew

Category: Bioengineering/Biomedical Engineering, Poster Presenter Engineering, Undergraduate Poster Presenter

Poster Title: Optimization of the Fabrication Method of W/O/W Minocycline Loaded PLGA Microparticles for Glioblastomas

Undergraduate Student: Aylin Flores

Mentor: Dr. Michael Lehker

Category: Cell/Molecular, Poster Presenter Life Sciences, Undergraduate Poster Presenter

Poster Title: Distinguishing Whether Rif2 and Orc4 Subfunctionalized or Neofunctionalized after duplication

Other Student SACNAS PRESENTERS were:

Graduate Student: Marco Arriaga

Mentor: Dr. Sue Anne Chew

Category: Bioengineering/Biomedical Engineering, Grad Poster Engineering, Graduate Poster Presenter

Poster Title: miRNA-induced Mesenchymal Stem Cells for Bone Tissue Engineering Applications.

Graduate Student: Magali Ayala

Mentor: Dr. Michael Lehker

Category: Microbiology, Grad Poster Life Science, Graduate Poster Presenter

Poster Title: Cytoadherence of Trichomonas vaginalis is regulated by environmental conditions

Undergraduate Student: Ednia Gutierrez (RISE Scholar)

Mentor: Saraswathy Nair

Category: Cell/Molecular Biology, Poster Presenter Life Science, Undergraduate Poster Presenter

Poster Title: Determining the Effects of Melatonin on 3t3-L1 Adipogenesis

Undergraduate Student: Daniel Rodriguez De Anda (RISE Scholar)

Mentor: Dr. Sue Anne Chew

Category: Bioengineering/Biomedical Engineering, Poster Presenter Engineering, Undergraduate Poster Presenter

Poster Title: Controlled Release of Chemotherapy Drug Temozolomide from Poly(lactic-co-glycolic acid) Loaded Microparticles

Fabricated By Electrospraying

Undergraduate Student: Carolina Leynes (RISE Scholar)

Mentor: Dr. Sue Anne Chew

Category: Bioengineering/Biomedical Engineering, Poster Presenter Engineering, Undergraduate Poster Presenter

Poster Title: Porous PCL Scaffolds with Different Amount of Porogen and Size Range for Bone Tissue Engineering: A Study of Scaffold

Degradation and Cell Proliferation

Undergraduate Student: Johanna Mora (RISE Scholar)

Mentor: Dr. Michael Lehker

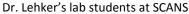
Category: Medicine, Poster Presenter Health, Undergraduate Poster Presenter

Poster Title: Optimizing Growth Conditions for Clonal Expansion of Mucosal-Associated Invariant T (MAIT) Cells

SACNAS ATTENDEES (RISE Scholars)

Roman Sanchez Martinez, 2nd year scholar Perla Leyva, 3rd year scholar Amador Hernandez, 3rd year scholar Aleida Gonzalez, 3rd year scholar Raul Ordonez, 2nd year scholar







RISE and BMED students at SCANS



Dr. Chew's lab students at SCANS



CoHA RISE Leadership at SCANS