

Jesse N Velasco Silva

641 W North Temple Ap. 308. Salt Lake City, UT 84116
801-512-9698 *jesse.velasco@biochem.utah.edu*

EDUCATION

The University of Utah. Graduate Research Assistant Department of Biochemistry <i>Salt Lake City, Utah</i>	August 2018- Present
Southwestern Oklahoma State University. Bachelor on Biological Science. Major: Biology (<i>Emphasis in Biomedical Science</i>) Minor: Chemistry <i>Weatherford, Oklahoma</i>	August 2014- May 2018
Western Technology Center. Career Tech; Biomedical Academy <i>Burns flat, Oklahoma</i>	August 2012 - May 2014
Clinton High School. <i>Clinton, Oklahoma</i>	August 2011 - May 2014

HONORS AND AWARDS

Health Equity and Inclusion Herman Hooten travel award	August 2019
ABRCMS 2017 Presentation Award	November 2017
The Oklahoma Louis Stokes Alliance for Minority Participation	August 2015- May 2018
Oklahoma's Promise Scholarship	August 2014- May 2018
Brown University- Prospective Graduate Students Campus Visit Grant	October 2017
Louis Stokes Midwest Center of Excellence (LSMCE) Travel Award	October 2017
2017 Research Symposium. 3rd Place Life Science Poster Presentation	September 2017
The Leadership Alliance Summer Research- Early Identification Program (SR-EIP) Scholar	June 2017
2017 ARVO/SACNAS Eye and Vision Research Award	May 2017
Oklahoma Academic Scholar	May 2014
HOSA Oklahoma State Finalist- Biotechnology competition	April 2014
Perfect attendance & outstanding attitude <i>Western Technology Center- Biomedical Academy</i>	August 2012– May 2014
Brainbench Competition Award <i>Cardiovascular core knowledge</i>	September 2013

MEMBERSHIPS

Society for Advancement of Chicanos/Hispanics and Native Americans in Science	June 2016-Present
American Association for Cancer Research (AACR)	November 2017- May2018
Oklahoma Louis Stokes Alliance for Minority Participation (OK-LSAMP)	August 2015-May 2018
The Association for Research in Vision and Ophthalmology (ARVO)	January 2017-May 2018
Health Occupations Students of America (HOSA)	August 2012– May 2014

PROFESSIONAL EXPERIENCES

University of Utah- Bioscience Ph.D. programs Student Ambassador	August 2019- Present
University of Utah SACNAS Chapter- Fundraising Officer	August 2019- Present
Undergraduate Cell Biology Course- Teaching Assistant	August 2019- Present
The 68th United Nations Civil Society Conference Salt Lake City, UT <i>Attendee</i>	August 2019
Undergraduate Research Summer Symposium Poster Evaluator University of Utah	August 2019
SWOSU Undergraduate Research Department of Chemistry and Physics. <i>Weatherford, OK</i> Determination of small-molecule secondary metabolite changes of <i>Streptomyces</i> sps. in the presence of GBL signaling through LC-MS metabolomics. <ul style="list-style-type: none">• Microbial cell culture• Microbial spore's collection• Metabolomics	August 2015- May 2018
Microbiology Laboratory Assistant SWOSU Department of Biological Sciences	August 2014- May 2018
Part-time Job <i>Wong's Restaurant. Clinton, OK.</i>	April 2012- May 2018
Annual Biomedical Research Conference for Minority Students Phoenix, Arizona <i>Poster presenter</i>	November 2017
Louis Stokes Midwest Center of Excellence National Conference Indianapolis, Indiana <i>Poster presenter</i>	October 2017

Oklahoma Louis Stokes Alliance for Minority Participation Annual Symposium
Oklahoma State University. Stillwater. OK
Poster and Oral presentation September 2016 & 2017

Summer Undergraduate Internship Program (SUIP) June- August 2017
The University of Pennsylvania
The Wistar Institute. Philadelphia. PA
Acetyl-CoA Synthetase 2 Is a Critical Enzyme for Cancer Cell Survival During Hypoxic and Nutrient Stress.

- Mammalian cell culture
- Metabolomics
- ACSS2 novel inhibitor testing

IDEA Network of Biomedical Research Excellence Internship (INBRE) May- July 2016
The University of Oklahoma Health Science Center
Dean McGee Eye Institute. Oklahoma City. OK
Characterizing the Effects of *Sphk1* in Mouse Neural Retina.

- Immunohistochemistry
- Mammalian cell culture
- Electroretinography
- Confocal microscopy
- Histology

SUIP- Perelman School of Medicine Annual Symposium August 2017
The University of Pennsylvania
Poster presenter

Leadership Alliance National Symposium July 2017
Hartford, Connecticut
Oral presenter

The Association for Research in Vision and Ophthalmology Annual Meeting May 2017
Baltimore, Maryland
Attendee & awardee

Annual Biomedical Research Conference for Minority Students (ABRCMS)
Tampa, Florida November 2016
Poster presenter

Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS) National Conference October 2016
Long Beach, California.
Poster presenter

OK-INBRE Annual Symposium July 2016
The University of Oklahoma Health Science Center. Oklahoma City
Poster presenter

CERTIFICATES & TRAININGS

Certificate of Achievement <i>Outstanding poster presentation in Cancer Biology at the 2017 ABRCMS</i>	November 2017
Certificate of Excellence <i>Participation in the 2017 SUIP Perelman School of Medicine</i>	August 2017
Certificate of Participation <i>The Leadership Alliance. Summer Research- Early Identification Program (SR-EIP)</i>	June 2017
Statement of Accomplishment with Distinction <i>Introduction to the Science of Cancer (online course). The Ohio State University</i>	September 2016
Certificate of Participation <i>IDeA Network of Biomedical Research Excellence</i>	July 2016
Oklahoma BioBlitz Participation	October 2015
Certificate of Appreciation <i>Outstanding Support to St. Jude Children Research Hospital</i>	June 2015
Certificate of Completion <i>American Heart Association (BLS, CPR, First Aid, AED)</i>	June 2014
Certificate of Completion <i>PLTW Biomedical Science and Medicine</i>	May 2014
Certificate of Completion <i>Operation orange, OSU Summer Medical Camp.</i>	April 2014
Volunteer certificate <i>Oklahoma Special Olympics</i>	April 2013 & 2014
Job Shadowing <ul style="list-style-type: none">• Nurse Assistant- Blakeburn Family Practice Clinic. Clinton, OK.• Infection control- Grace Nursing home. Clinton, OK.	February 2014 January 2014
Training Certificate <i>OSHA's Hazard Communication Standard (HCS) HAZCOM</i>	January 2013

PERSONAL SKILLS

Languages proficiency

- Spanish- native speaker
- English- fluent
- Italian- proficient

REFERENCES

Gregory Ducker, PhD

Assistant Professor of Biochemistry
Member, Huntsman Cancer Institute
University of Utah
greg.ducker@biochem.utah.edu

Zachary Schug, PhD

Assistant Professor, Molecular and Cellular Oncogenesis
The Wistar Institute- University of Pennsylvania
zschug@wistar.org

Jeanette Ducut-Sigala, PhD

Manager- Science Diversity Program
Biosciences PhD Programs | University of Utah
SACNAS Administrator | University of Utah Chapter
(650) 862-8604
j.ducutsigala@utah.edu

Jon Henrikson, PhD

Assistant Professor
SWOSU Department of Chemistry & Physics
CPP 205-D
580-774-3120
jon.henrikson@swosu.edu

Brenda L. Morales, M.S.

OK-LSAMP Director
405-744-6710
brenda.morales@okstate.edu