

# JOSE LUIS ONTIVEROS, JR.

GA Office STC 301 | Research Lab STC 306 | [jontiveros2@leomail.tamuc.edu](mailto:jontiveros2@leomail.tamuc.edu)

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## EDUCATION

Texas A&M University – Commerce  
**Masters of Science in Chemistry (In Progress)**

Commerce, TX  
Aug. 2015–Present

Texas Wesleyan University  
**Bachelors of Science in Biochemistry**

Fort Worth, TX  
Aug 2007–May 2013

## PROFESSIONAL EXPERIENCE

Texas A&M University - Commerce  
**Instructor of Record - Organic Chemistry I Laboratory**

Commerce, TX  
Aug 2017–Dec 2017

- Responsible for the preparation and delivery of pre-laboratory lectures for two lab sections, weekly grading of post-laboratory reports, introduced and emphasized formal writing of scientific data, troubleshooting undergraduate experiments to ensure students were taught appropriate laboratory techniques while upholding safety laboratory practices

Texas A&M University - Commerce  
**Instructor of Record - Organic Chemistry II Laboratory**

Commerce, TX  
Jan 2017–May 2018

- Responsible for the preparation and delivery of pre-laboratory lectures for two lab sections, grading formal laboratory reports and troubleshooting undergraduate experiments to ensure students were taught appropriate laboratory techniques while upholding safety laboratory practices

Texas A&M University - Commerce  
**Graduate Research Assistant | Laboratory Safety Liaison | Graduate Student**

Commerce, TX  
Jun 2016–Present

- Carried out thesis research four days a week
- Mentoring two senior undergraduate students by teaching research techniques related to my thesis research, proper storage and inventory of chemicals, tracked time spent in the lab and sent weekly/daily emails with day-to-day activities to research advisor.
- Carried out instrument software training (H-NMR, C-NMR, IR) for CHEM 528: Chemical and Biochemical Characterization Methods II students
- Served as an “elephant toothpaste” demonstrator for Commerce Middle School Chemistry Day
- Served as a research tour guide for the DCCCD STEM Institute Event

Texas A&M University - Commerce  
**Graduate Assistant in Teaching (Fall 2015) | Organic Teaching Assistant (Spring 2016)**

Commerce, TX  
Aug 2015–May 2016

- Maintained, and prepared chemicals for CHEM 211L and 2125L - Organic Chemistry I and II Labs
- Assisted with grading CHEM 211 and 2125 – Organic Chemistry I and II Lecture Exams
- Responsible for troubleshooting undergraduate experiments to ensure students were taught appropriate laboratory techniques and good laboratory practices

Tarrant County College – Trinity River Campus  
**Instructional Associate of Chemistry (Grant), Department of Mathematics and Science**

Fort Worth, TX  
Dec 2013–Aug 2015

- Coordinated instructional efforts with instructor in order to assisted students, individually or in groups, with concepts studied in Chemistry for Allied Health, General Chemistry I and II, and Organic Chemistry I and II
- Completed all required training and professional development sessions sponsored through the Tarrant County College (TCC) Institute
- Supported the values of the College: diversity, teaching excellence, student success, innovation and creativity and service to the College

## RESEARCH PRESENTATIONS

*"pH Dependence of Sulfur Oxidation in a Mesophilic Sulfur Oxidizing Microbe"* Aug 2012–May 2013

**Jose L. Ontiveros, Jr.** and Newton P. Hilliard, Jr. Ph.D.

Poster Presenter at the Annual UNT Health Science Center Fall Symposium and Annual Texas Wesleyan University-University College Day

*"Effect of Angiotensin II incubation on Glutamate-induced Calcium transients in Hypothalamic cell line 4B"* Summer 2012

**Jose L. Ontiveros, Jr.**, Ashwini Saxena, J. Thomas Cunningham Ph.D.

Poster Presenter at the Annual UNT Health Science Center McNair/SMART/HBCU Symposium

*"Presence of ASIC and P2X receptors in a Parkinson's Disease Model"* Summer 2011

**Jose L. Ontiveros, Jr.**, Rachel N. Johnson, Rebecca L. Cunningham, Ph.D., Eric B. Gonzales, Ph.D.

Poster Presenter at the Annual UNT Health Science Center McNair/SMART/HBCU Symposium

## SCHOLARSHIPS

Jai and Susan Nagarkatti Scholarship – Texas A&M University at Commerce – August 2017 through May 2018

Robert A. Welch Summer Research Scholarship – Texas A&M University at Commerce – June 2017 through August 2017

Tuition Set Aside Graduate Grant – Texas A&M University at Commerce – August 2016 through May 2017

Dallas Petroleum & Light Chemistry Scholarship – Texas A&M University at Commerce – August 2016 through May 2017

Robert A. Welch Summer Research Scholarship – Texas A&M University at Commerce – June 2016 through August 2016

Gates Millennium Scholar Graduate Scholarship – Texas A&M University at Commerce – August 2015 to December 2016

Ronald E. McNair Scholar – University of North Texas Health Science Center – May 2011/2012 through July 2011/2012

Gates Millennium Scholar – Texas Wesleyan University – August 2007 through May 2012

## CONFERENCES

Seventh Annual Texas Conference on Health Disparities: "Tobacco Smoking, HIV/AIDS and Cancer in Health Disparity Populations." University of North Texas Health Science Center. Fort Worth, TX. May 2012. Role: Attendee

Sixth Annual Texas Conference on Health Disparities: "An Eye Towards the Future." University of North Texas Health Science Center. Fort Worth, TX. Jul. 2011. Role: Attendee

## COMMUNITY SERVICE

National Association for the Advancement of Color People. Afro-Academic, Cultural, Technological and Scientific

Olympics (ACT-SO): Garland Unit #6256. Richland College. Dallas, TX. April 2017. Role: Chemistry Judge