



COLLEGE OF SCIENCE Department of Biological Sciences

## Jose Robledo, PhD Candidate

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### Education

West Texas A&M University, Canyon, Texas

Bachelor of Science in Biology, May 2016, GPA 3.5/4.0

University of North Texas, Denton, Texas

PhD in Biology, 2016-Present, Expected 2024

### Technical Skills & Certifications

**Experience with:** Bioinformatic analysis using Linux/OS terminal, R/Rstudio, Microsoft Office programs, statistics, Biology, Genetics

- **Responsible Conduct of Research Certificate, 2018-2023**  
College of Science at the University of North Texas, Denton, TX
- **Genomic Data Science with the Galaxy Workbench & R (ggplot2), 2019**  
SACNAS The National Diversity in Stem Conference Workshop, Honolulu, HI
- **Introduction to R/Rstudio for Beginners, 2019**  
46<sup>th</sup> Annual Meeting of the Texas Genetics Society, College Station, TX
- **Graduate Student Teaching Excellence Program Certificate, Summer 2019**  
Division of Digital Strategy and Innovation, University of North Texas, Denton, TX

### Employment/Professional Development

- **Teaching Assistant, 2016-Present**  
Courses: Genetics Laboratory, Elementary Biochemistry, Guest Lecturer Biochemistry and General Biology  
Department of Biological Sciences, University of North Texas, Denton, TX
- **Research Assistant, 2019, 2020, 2021**  
Department of Biological Sciences, University of North Texas, Denton, TX
- **Guest Lecturer, "CRISPR-Cas9 Lecture" Fall 2019**  
Department of Biomedical Engineering Students, University of North Texas, Denton, TX
- **Guest Lecturer, "Glycolysis, TCA Cycle Lectures" Spring 2019**  
Elementary Biochemistry, Department of Biological Sciences, University of North Texas, Denton, TX
- **Invited Speaker, "Choosing the Right Advisor Panel" Spring 2019**  
2019 UNT McNair Scholars Conference, University of North Texas, Denton, TX
- **Guest Lecturer, "T test Statistics Lecture" Fall 2018**  
Molecular Biology Laboratory, Department of Biological Sciences, University of North Texas, Denton, TX
- **Guest Lecturer, "Transcription, Translation Lecture" Fall 2018**  
General Biology, Department of Biological Sciences, University of North Texas, Denton, TX
- **Ronald E. McNair Post Baccalaureate Achievement Program, WTAMU McNair Scholar 2015-16**  
"Investigation of Language Communication Barriers between Physical Therapist and the Emerging Hispanic Population." West Texas A&M University, Canyon, TX
- **Financial Aid Consultant, March 2013-2016**  
Department of Financial Aid, West Texas A&M University, Canyon, TX
- **Upward Bound Math&Science Mentor, Summer 2016**  
Department of Student Support, West Texas A&M University, Canyon, TX



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- **College Assistance Migrant Program Peer Mentor, 2018**  
Department of Student Support, West Texas A&M University, Canyon, TX
- **Seasonal Migrant Farm Worker, childhood-2014**  
Gonya Farms Inc., Fremont, OH

### Funding Awards

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- **College of Science Beth Baird Summer Dissertation Award Recipient, Summer 2022**  
Department of Biological Sciences, University of North Texas, Denton, TX
- **SACNAS The National Diversity in Stem Conference Registration Scholarship Recipient, 2021**
- **College of Science Travel Grant Recipient, 2019**  
Department of Biological Sciences, University of North Texas, Denton, TX
- **College of Science Travel Grant Recipient, 2018**  
Department of Biological Sciences, University of North Texas, Denton, TX
- **Toulouse Graduate School Travel Grant Recipient, 2018**  
Toulouse Graduate School, University of North Texas, Denton, TX
- **College of Science Beth Baird Scholarship Recipient, 2017-Present**  
Department of Biological Sciences, University of North Texas, Denton, TX
- **College of Science Travel Grant Recipient, 2017**  
Department of Biological Sciences, University of North Texas, Denton, TX
- **Toulouse Graduate School Travel Grant Recipient, 2017**  
Toulouse Graduate School, University of North Texas, Denton, TX
- **12<sup>th</sup> Annual Pathways Conference, 3<sup>rd</sup> Place Award Winner, 2015**  
Poster Presentation, "Investigation of Language Communication Barriers between Physical Therapist and the Emerging Hispanic Population." Corpus Christi, TX
- **College Assistance Migrant Program Scholarship Recipient, 2016-2017**  
Department of Student Support, West Texas A&M University, Canyon, TX
- **Pell Grant and Texas Grant Recipient, 2012-2016**  
Department of Education & Financial Aid, West Texas A&M University, Canyon, TX

### Publications & Presentations

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- Robledo J, Nahar Ripa Saifun, Ruiz Manuel A, Hendricks Raymond J, Burks David J, Ladage Mary L, Kwon Taegun, Azad Rajeev K, Padilla Pamela A, "RNA-Sequencing experimental workflow using *Caenorhabditis elegans*," Springer Protocols Methods in Molecular Biology Book Chapter, *Under Review*.
- **Biology Graduate Student Association Conference, 2023**  
Workshop Moderator: "First Generation Students in STEM"
- **23<sup>rd</sup> International *C. elegans* Conference, 2021**  
Poster Presentation: "Identification of transcriptional regulators impacted by a glucose-supplemented diet in *C. elegans*", Virtual
- **SACNAS The National Diversity in Stem Conference, 2020**  
Poster Presentation: "Gene regulators impacted by a glucose-supplemented diet in *C. elegans*", Virtual
- **SACNAS The National Diversity in Stem Conference, 2019**  
Workshop Talk: "Using model organisms to better study human diseases", Honolulu, HI
- **22<sup>nd</sup> International *C. elegans* Conference, 2019**



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Poster Presentation: “Identification of transcriptional regulators impacted by a glucose-supplemented diet in *C. elegans*”, Los Angeles, CA

- **46<sup>th</sup> Annual Meeting of the Texas Genetics Society, 2019**

Poster Presentation: “A glucose-supplemented diet influences physiology and gene expression in *C. elegans*”  
College Station, TX

- **2018 *C. elegans* Topics Meeting Metabolism, Aging, Pathogenesis, and Stress, 2018**

Poster Presentation, “Determination of mechanisms that regulate gene expression changes in response to a glucose-supplemented diet in *C. elegans*” Madison, WI

- **SACNAS The National Diversity in Stem Conference, 2017**

Poster Presentation: “Altered ceramide metabolism and glucose diet influences physiology, stress responses and gene expression in *C. elegans*” Salt Lake City, UT

## Leadership & Co-Curricular Experience

- President of SACNAS UNT chapter, 2022-Present  
Society for the Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS)
- Knights of Columbus Council #4771, 2018-Present
- McNair Alumni Invited Speaker, “Graduate School Life & Expectations”, 2017-Present
- SACNAS UNT Chapter President, 2018-Present
- Public Relations Officer/Secretary Officer, and President for Hispanic Student Association, 2013-2016
- Catholic Student Center Member and 2015 Scholarship Recipient, 2012-2016
- Public Relations Officer/Secretary Officer, and President for Hispanic Student Association, 2012-2016
- Mortar Board Senior Honor Society, 2015-2016
- Student Employee of the Year Nominee, 2015-2016
- Palo Duro Soccer Association Referee Coordinator/Referee, March 2013-2016