

EVA RANGEL

CURRICULUM VITAE

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NEW MEXICO STATE UNIVERSITY

EDUCATION

May 2022 **Santa Teresa High School**
High School Diploma 3.8 GPA

May 2022- May 2026 **New Mexico State University**
College of Arts and Sciences
B.S. Biology GPA: 3.32/4.0
2026 Graduate

EXPERIENCE

2026 **Student Researcher - Hanley Virus Lab | New Mexico State University**

Research Project: Vector collection for VSV in Central America

- Conducted field-based vector surveillance of Vesicular Stomatitis Virus (VSV) in Central America
- Acquired skills including biological specimen collection, vector monitoring, insect aspiration and collaboration in research settings
- Collected, handled, and preserved specimens following standardized protocols for downstream virological and ecological analysis
- Performed data entry and maintained detailed field records to ensure accuracy of surveillance data
- Gained experience working in outdoor research environments, adapting to variable field conditions

Research Project: Molecular identification of *Peromyscus sonoriensis* via Cytochrome-B PCR.

- Acquired hands-on experience in molecular biology techniques, including: pipetting, UV gel visualization, nanodropping, notebook stewardship, data collection, and stock solution preparation
- Trained extensively on DNA gel electrophoresis, cDNA synthesis, and PCR techniques
- Attended weekly lab meetings discussing scientific literature and research progress
- Completed annual safety trainings on laboratory safety, hazardous waste management, bloodborne pathogens, and biosafety
- Followed protocols and safety procedures necessary to work in a BSL-2 laboratory
- Presented research at NMSU 2026 Annual Biosymposium

2025 **Volunteer Researcher - Hanley Virus Lab | New Mexico State University**

Research Project: Molecular identification of *Peromyscus sonoriensis* via Cytochrome-B PCR.

2022-2024 **Clinical Assessment Volunteer | El Paso Baptist Clinic**

Assisted health professionals in various settings

- Provided documentation of patient history and other intake forms
- Conveyed important patient information to staff to optimize patient care
- Assessed patient's needs and offered qualified support
- Assisted the pharmacy workflow by preparing prescriptions for pharmacist review and filling.
- Received training in patient care, clinical support, and prescription processing

SKILLS

- Implementation of research protocols in both laboratory and field environments
- Laboratory techniques: data collection, sterile procedures
- Insect trapping and aspiration techniques for vector surveillance
- Research documentation data entry, management, and organization
- Leadership and team supervision
- Oral and written communication skills in the effective dissemination of research findings
- Bilingual: English & Spanish (fluent) – U.S.A Nationality

Relevant Coursework

- Plant Propagation HORT2160
- Medicinal Herbs HORT310
- General Microbiology & Lab BIOL311L
- Disease Vector Biology BIOL436
- Plant Virology EPWS468
- Developmental Biology BIOL470
- Virology BIOL475