

Robert Roy Yu Gallardo

Cagayan de Oro, Misamis Oriental | rry.gallardo@gmail.com | 0976-243-7432

Education

University of the Philippines Los Baños	College, Laguna
BS Agricultural Biotechnology, major in Crop Protection Biotechnology	2025
<i>Cum laude</i> (1.5446)	

Experience

National Institute of Molecular Biology and Biotechnology	College, Laguna
Special Apprentice	April – May 2025

- Participated in specialized apprenticeship program for advanced microscopy in both scanning and transmission electron microscopy for microbiological research.

Sugar Regulatory Administration – Biotechnology Section	Negros Occidental
Student Intern	April – June 2024

- Assisted with marker-assisted selection for breeding of sugarcane to streamline breeding of octoploid sugarcane parentals.
- Performed optimizations to specific primer pairs designed for sugarcane genome, developed in IPB, UPLB.

Bureau of Plant Industry – Improvement Program for Legumes	Negros Occidental
Student Intern	June 2024

- Shadowed plant breeders in manual emasculation and breeding of select mung bean lines for genetic improvement.
- Created short-form Information, Education, and Communication materials for Filipino audience on plant genetic resources of indigenous Philippine trees.

Leadership & Activities

National Biotechnology Week 2024	College, Laguna
Ad hoc for Student Representation	2023-2024

- Represented UP Genetic Researchers and Agricultural Innovators Society to UPLB, DOST, DA, and other government institution to spearhead the planning of the annual National Biotechnology Week.

Skills & Interests

- **Microbiological and molecular techniques in research:** Skills and techniques in research applied in both microbiology and molecular biology (e.g. genomics, bioinformatics, etc.)
- **Technical Writing:** Competent technical writing skills fit for manuscript and scientific research.
- **Design:** Skilled in design ideation for presentations and scientific poster creation.