Gonzales, Lee Andrew Libres
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Personal Statement

A passionate biotechnology graduate majoring in industrial biotechnology with experienced training in laboratory skills. I also had several practices and conducted different research studies. These in which I would like to apply these skills as an employee in your facility. I am hoping to improve my knowledge and skills in the field of biotechnology and other fields that are related to it. Also, I am open to learning new perspectives and skill applications to aid in my future endeavors.

Skills

Technical Skills

- Knowledge in Microsoft Office (MS Word, MS Excel, MS PowerPoint, and MS Publisher)
- Ability to perform basic laboratory techniques such as glassware utilization, aseptic technique, extractions, reading lab instruments, pipetting, distillations, dilutions, standardizing reagents and calibration of equipment
- Knowledge and skills in Molecular techniques such as polymerase chain reaction (PCR), enzyme assay, gel electrophoresis, spectrophotometric analysis (e.g. phytochemical analysis), cell and tissue culture, data processing and analysis (bioinformatics), bacterial transformation, molecular cloning, and DNA analysis
- Basic Statistical Analysis (Hypothesis Testing, and ANOVA for CRD and RCBD using R studio)
- Adept in writing scientific reports
- Ability to work independently and cooperatively, especially in a team-based leadership

Languages

- Filipino, English, Cebuano (Bisaya and Waray-waray)

Relevant Webinars/ Seminars Training

- 1st International Webinar Series: "Breaking Scientific Limitation"
- Student Leadership Summit 2021
- Industry and Producer-Driven Sweet Potato Research: Past Experience, Current Trends, Future Outlook
- Regional Crop Biotech Symposium
- Pinoy Biotek for Us
- The Filipino Gut Microbiome: What we know and what we need to know
- Basic Techniques on Molecular Data Processing and Analysis in Agriculture

- Enabling Biotechnological Innovations and Policies in Agriculture – Promoting Food Availability and Security
- Pinoy Biotek Seminar: PCR-based Detection Kit for Salmonella in Meat
- National Biotech Week: Biotechnology 101 for Educators and Students Lecture Series
- 8th IPS Research Hour: "Same Same, but Different: Why Standardization of Herbal Extracts Matters"
- Earth Biogenome Project: Philippine Efforts

Education

Bachelor of Science in Biotechnology Major in Industrial Biotechnology
Visayas State University, Baybay City, Leyte
2020 – 2024
Year of Graduation: 2024

- Magna Cum Laude
- Consistent President's Honors
- Cumulative GWA – 1.278
- JLSS DOST Scholar (2022 – 2024)
- Relevant Coursework:
  Environmental Science, General Botany, Organic Chemistry, Quantitative Inorganic Chemistry, General Microbiology, Biochemistry, General Zoology, Genetics, Statistical Methods, Introduction to Computing, Proteins and Nucleic Acids, Cell and Molecular Biology, Molecular Toxicology, Bioprocessing, Immunology, Ecology, Methods of Recombinant DNA Technology, Computational Biotechnology (Bioinformatics), Industrial Chemistry, Bioethics, Risk Assessment and Management, and Trends in Biotechnology
- Clubs and Activities:
  - **P.I.O.** – VSU Biotechnological Society (2021 – 2022)
  - **Vice President** – VSU Biotechnological Society (2022 – 2023)
  - **2nd Placer** – Poster Competition National Biotech Week: "Seeds of Change: Embracing Genetic Crop Innovation"
  - **Intern (On-the-job Training)** – PhilRice-DA Crop Biotechnology Center (Maligaya, Science City of Muñoz, Nueva Ecija)
- Researches:
  - Extraction, Identification, and Evaluation of Cogon Grass (*Imperata cylindrica*) Extracts Against Mosquito (*Aedes aegypti*) Larvae (2017)
  - Performance of Pineapple (*Ananas comusus*) in Multi-Storied Cropping System: A Climate Smart Upland Farming (2020) – Research Report from Work Immersion
  - Phytochemical Analysis and *In vitro* DNA Damage Protection Activity of Cogon Grass (*Imperata cylindrica*) Roots and Leaves Extracts (2024) – Undergraduate Thesis