

MATILDA GRACE I. CEMPRON

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WORK HISTORY

Instructor I **2025**

Molecular Biology and Biotechnology, Genetics, and Microbiology Division
Institute of Biological Sciences – College of Arts and Sciences
Central Mindanao University

EDUCATION

Master of Science in Biology major in Molecular Biology and Biotechnology

Central Mindanao University
University Town, Musuan, Maramag, Bukidnon
Expected Graduation: December 2025

Bachelor of Science in Biology major in Molecular Biology and Biotechnology

Central Mindanao University
University Town, Musuan, Maramag, Bukidnon
Graduated: June 2022

HONORS AND AWARDS

Second Place – Oral Presentation **2024**

Philippine Society of Microbiology - Mindanao Chapter
Annual Convention and Scientific Meeting *Convergence of Society, Data, and Microbes in Mindanao's Digital Era*
Chali Beach Resort, Cagayan De Oro City

Third Place – Poster Presentation **2024**

Philippine Society of Microbiology - Mindanao Chapter
Annual Convention and Scientific Meeting *Convergence of Society, Data, and Microbes in Mindanao's Digital Era*
Chali Beach Resort, Cagayan De Oro City

DOST-SRAND Scholarship Recipient **2023**

Graduate scholarship in the Department of Science and Technology - Science and Technology
Regional Alliance of Universities for National Development

Cum Laude **2022**

BS Biology major in Molecular Biology and Biotechnology
GWA: 1.60/1.00
Department of Biology, Central Mindanao University

SIDA-CHED Scholarship Recipient

2021

Undergraduate Scholarship, Sugarcane Industry Development Act Scholarship Program
Sugar Regulatory Administration

PRESENTATIONS

- **Graduate Student Oral Presentation**, “Occurrence and Antibigram of *Vibrio cholerae* Isolates from Shellfish in Three Public Markets in Bukidnon, Philippines,” Philippine Society of Microbiology - Mindanao Chapter Annual Convention and Scientific Meeting *Convergence of Society, Data, and Microbes in Mindanao’s Digital Era*, Chali Beach Resort, Cagayan De Oro City, November 21-23, 2024
- **Graduate Student Poster Presentation**, “Occurrence and Antibigram of *Vibrio cholerae* Isolates from Shellfish in Three Public Markets in Bukidnon, Philippines,” Philippine Society of Microbiology - Mindanao Chapter Annual Convention and Scientific Meeting *Convergence of Society, Data, and Microbes in Mindanao’s Digital Era*, Chali Beach Resort, Cagayan De Oro City, November 21-23, 2024

RESEARCH EXPERIENCE

MS Thesis, Central Mindanao University, Musuan, Maramag, Bukidnon

Advisor: Zeus C. Elumba, Ph.D.

- Prevalence, Key Virulence, Antibigram and Resistome Profiles, and Strain Diversity of *Vibrio cholerae* Isolates From Shellfish in Three Public Markets in Bukidnon, Philippines

Opena ELL, Cempron M, Remon J, Dela Cruz R and Guillena J. 2025. Quantitation of antioxidant levels of soy-fern fermentation by DPPH assay. The Palawan Scientist, 17(1): 28-36. <https://doi.org/10.69721/TPS.J.2025.17.1.04>

BS Thesis, Central Mindanao University, Musuan, Maramag, Bukidnon

Advisor: Joliesa Mae S. Toledo, Ph.D.

- Acute Oral Toxicity Evaluation of *Diplazium esculentum* (Retz.) Sw. Leaf Ethanolic Extract in White Mice
Year: 2022

TRAININGS

- Seminar-Training on Biosafety and Biosecurity in Mobile Laboratory, February 27-28, 2024, Uno Business Hotel, Valencia City, Bukidnon
- Introduction to Bioinformatics and Linux Command Line Training, August 29, 2023, Philippine Genome Center, University of the Philippines Mindanao, Mintal, Davao City

CONFERENCE AND SEMINARS

- “Philippine Society of Microbiology - Mindanao Chapter Annual Convention and Scientific Meeting *Convergence of Society, Data, and Microbes in Mindanao’s Digital Era*, Philippine Society of Microbiology - Mindanao Chapter Annual Convention and Scientific Meeting

Chali Beach Resort, November 21-23, 2024, Cagayan De Oro City

- *“International Symposium on Evolution, Systematics and Biogeography of Carpenter Bees and Flea Beetles,”* March 14, 2024, Central Mindanao University, Musuan, Maramag, Bukidnon
- *“Insights and Updates of Evolution and Diversity of Insect Gut Microbiome,”* February 16, 2024, Central Mindanao University, Musuan, Maramag, Bukidnon
- *“BIOTA Bukidnon Chapter @40: Advancing Biology Education Beyond Borders,”* Biology Teachers Association – Bukidnon Chapter, November 14, 2023, CAP Building, Valencia City, Bukidnon
- *“Enhancing Probiotics and Functional Food Research and Development Capacity,”* Philippine Society for Probiotics and Functional Foods, Inc., October 12-14, 2024, Visayas State University, Visca, Baybay, Leyte

EXTRACURRICULAR ACHIEVEMENTS

- Committee member, International Symposium on Termites and Scale Insects, February 16, 2024, Central Mindanao University, Musuan, Maramag, Bukidnon
- Committee member, PSBMB - Mindanao Chapter Annual Scientific Conference, December 2, 2023, San Pedro College, Davao City, Philippines

PROFESSIONAL AFFILIATIONS

- Member, Philippine Society of Microbiology
- Member, American Society of Microbiology

RELEVANT SKILLS

- Quality Assurance: Understanding quality control protocols and regulatory compliance in microbiology, molecular biology, and biotechnology.
- Laboratory Management: Experience in maintaining laboratory equipment and ensuring safe laboratory practices.
- Communication: Strong written and verbal communication skills for effective collaboration with cross-functional teams.

REFERENCES

Reggie Y. Dela Cruz, PhD

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