

WORK EXPERIENCE SHEET

Instructions: 1. Include only the work experiences relevant to the position being applied to.

2. The duration should include start and finish dates, if known, month in abbreviated form, if known, and year in full. For the current position, use the word Present, e.g., 1998-Present. Work experience should be listed from most recent first.

- Duration: June 1, 2023 – present
- Position: Instructor III (Permanent)
- Name of Office/Unit: College of Agriculture and Forestry, Central Philippines State University
- Immediate Supervisor: Hanzel L. Pedrosa, Ph.D. (CAF Dean)
- Name of Agency/Organization and Location: Central Philippines State University , Kabankalan City, Negros Occidental 6111
- List of Accomplishments and Contributions (if any)
 - Crop Protection Laboratory-in-Charge
- Summary of Actual Duties
 - Handles BS agriculture courses: CROP PROT 1 (Principles of Crop Protection), CROP PROT 2 (Approaches and Practices in Pest Management), SOIL SCIENCE 1 (Principles of Soil Science), AGRI 18 (Basic Biotechnology), and AGRI 10 (Principles of Genetics)
 - Handles MS Agriculture course: CS215 (Agricultural Laboratory Techniques)
 - Advises and assists students in their academic and research activities
 - Propose, conduct, and collaborate on relevant research and extension activities
 - Performs other task and assignments by the University

- Duration: February 15, 2023 – May 31, 2023
- Position: Instructor III (Contractual)
- Name of Office/Unit: College of Agriculture and Forestry, Central Philippines State University
- Immediate Supervisor: Hanzel L. Pedrosa, Ph.D. (CAF Dean)
- Name of Agency/Organization and Location: Central Philippines State University , Kabankalan City, Negros Occidental 6111
- List of Accomplishments and Contributions (if any)
 - 2023 Young Investigator in Plant Pathology (YIPP) Fellow
- Summary of Actual Duties
 - Handle agriculture courses: CROP PROT 1 (Principles of Crop Protection), CROP PROT 2 (Approaches and Practices in Pest Management), SOIL SCIENCE 1 (Principles of Soil Science)
 - Actively writing research proposals for funding

- Duration: March 1, 2022 – January 21, 2023
- Position: Part-Time Instructor
- Name of Office/Unit: College of Agriculture, Forestry and Environmental Sciences Western Philippines University
- Immediate Supervisor: Lita B. Sopsop, Ph.D. (CAFES Dean)
- Name of Agency/Organization and Location: Western Philippines University, San Juan, Aborlan, Palawan

- List of Accomplishments and Contributions (if any)
 - Finished two semesters handling agriculture courses
- Summary of Actual Duties
 - Handle agriculture courses: CROPPROT103 (Principles of Crop Protection), CROPPROT104 (Approaches and Practices in Pest Management), AGR1104 (Introduction to Ecological Agriculture)

- Duration: August 16, 2019 – December 31, 2022
- Position: MS Graduate Fellow (formerly Senior Science Research Specialist)
- Name of Office/Unit: Plant Pathology Laboratory, Institute of Plant Breeding, University of the Philippines Los Baños
- Immediate Supervisor: Mark Angelo O. Balendres
- Name of Agency/Organization and Location: Department of Science and Technology- Science Education Institute, Taguig City
- List of Accomplishments and Contributions (if any)
 - Participated on several scientific conferences as poster and oral presenter
 - Facilitated training on Basic Plant Disease Diagnosis Workshop for Staff of MinSU
 - Produced handbook and brochures of Mycoflora Species in Corn Seeds
 - NS Ramon C. Barba Poster Award on 2nd IPB-JRO Scientific Conference
 - 2021 Young Investigator in Plant Pathology (YIPP)
 - 2020 Young Investigator in Plant Pathology (YIPP)
 - PPL Outstanding Scholarly Achievement for Q1 of 2020
 - 2020 Outstanding Research Team Award
- Summary of Actual Duties
 - Conduct laboratory activities to identify fungal pathogens associated with corn seeds during corn grits production, specifically isolate, purify and identify corn seed pathogens by morpho-cultural and molecular techniques and multiple gene analysis.
 - Conduct molecular analyses and experiments to identify mycotoxigenic fungi and detect mycotoxin contamination in corn samples using ELISA, and determine the factors affecting the development of fungal pathogens in corn seeds during storage.
 - Prepare reports and manuscripts related to the project and present findings in scientific conferences or journals.
 - Monitoring Diseases of Cultivated Crop Varieties in the Philippines

- Duration: July 16, 2019 – August 15, 2019
- Position: University Research Associate I
- Name of Office/Unit: Plant Pathology Laboratory, Institute of Plant Breeding, University of the Philippines Los Baños
- Immediate Supervisor: Mark Angelo O. Balendres
- Name of Agency/Organization and Location: Institute of Plant Breeding, University of the Philippines Los Baños, project under DA-BAR
- List of Accomplishments and Contributions (if any)
- Summary of Actual Duties
 - Conduct laboratory activities to identify fungal pathogens associated with corn seeds during corn grits production, specifically isolate, purify and identify corn seed pathogens by morpho-cultural and molecular techniques and multiple gene analysis.

- Conduct molecular analyses and experiments to identify mycotoxigenic fungi and detect mycotoxin contamination in corn samples using ELISA, and determine the factors affecting the development of fungal pathogens in corn seeds during storage.
- Prepare reports and manuscripts related to the project and present findings in scientific conferences or journals.



MARI NEILA SECO

(Signature over Printed Name
of Employee/Applicant)

Date: JANUARY 2, 2024