

CURRICULUM VITAE

JOY ADELINE C. NUÑEZ-CADALIN



WORK HISTORY

February 2022 - Present

Science Research Assistant
Plant Disease Diagnostic Laboratory
Visayas State University

August 2021–January 2022

Part-time Instructor
Department of Pest Management
Visayas State University

June 2020–May 2021

Science Research Assistant
Diagnostic Laboratory, Caraga State University
PILI NANOGUARD: Molecular and Nanoscale Studies
on the Etiology of Tayangawon and Kernel Rot
Diseases of Pili (*Canarium ovatum*) and Development
of Emulsified Biopesticides and Edible Coatings for its
Prevention

August 2020–January 2021

Lecturer I
College of Agriculture and Agri-Industries
Caraga State University

August 2017–December 2017

Science Research Assistant
Plant Disease Diagnostic Laboratory (PDDL),
Visayas State University, ACIAR-ICM
Integrated Crop Management (ICM) to Enhance
Vegetable Profitability and Food Security in the
Southern Philippines and Australia

July 2015-June 2017

Science Research Assistant
Plant Disease Diagnostic Laboratory (PDDL)
Visayas State University, PCAARRD
Identification and Transmission Studies on Major
Diseases of Vegetables in Eastern Visayas

July 2014-June 2015

Science Research Assistant

Philippine Root Crops Research and Training Center
(PRC-RTC)

Visayas State University, DA-BAR

Screening and Evaluation of 48-NSIC Varieties for
Phytoplasma Disease Resistance to Pre-Planting
Antibiotic Treatment

April 2014-May 2014

Plant Propagator

National Abaca Research Center – Tissue Culture
Laboratory

Visayas State University

GRADUATE THESIS

Nuñez JAC and Borines LM. 2020. "Molecular
Characterization and Differentiation of Bacterial Spot,
Speck and Canker Diseases Affecting Tomato
(*Solanum lycopersicum* Linn.) in Leyte and Samar,
Philippines"

UNDERGRADUATE THESIS

Nuñez JAC and Borines LM. 2013. "PCR-Based Species
Identification of Abaca (*Musa textilis* Nee) Bacterial
Heart Rot Pathogen"

PUBLICATIONS

Nuñez JAC, Niño MC and Borines LM. 2013.
Characterization and Identification of the Bacterium
Causing Heart Rot Disease in Abaca (*Musa textilis*
Nee). Journal of Tropical Plant Pathology, Philippine
Phytopathological Society Inc. c/o Crop Protection
Cluster. 48(2);1-16

Borines LM, **Nuñez JAC**, Duero ND, Sagarino RM,
Cañete FR, Oclarit EL, Gerona RG & McDougall S. 2017.
Inventory and Incidence of Plant Diseases affecting
Vegetables in selected Areas in the Visayas and
Mindanao. Annals of Tropical Research 39
(Supplement B): 22-39 (2017)

Borines LM, **Nuñez JAC**, Duero ND, Sagarino RM,
Cañete FR, Oclarit EL, Gerona RG, McDougall S &
Tesoriero L. 2017. Efficacy of Wood Vinegars for the
Control of *Sclerotium rolfsii* Affecting Tomato
(*Solanum lycopersicum*). Annals of Tropical Research
39(SUPPLEMENT B):54-68 (2017)

Borines LM, **Nuñez JAC**, Duero ND, Sagarino RM, & Gerona RG. 2020. Detection and Molecular Characterization of *Phytoplasma* Vegetables in Eastern Visayas, Philippines. *Annals of Tropical Research* 42 (2):1-20 (2020).

Borines LM, Duero ND, **Nuñez JAC**, Sagarino-Borines R, McDougall S, & Gerona RG. 2022. Insect vectors transmission of phytoplasma to vegetables in Eastern Visayas Philippines. *Annals of Tropical Research* 44(1):46-60(2022)

AWARDS AND QUALIFICATIONS

- Licensed Agriculturist
- 2013 Phi Delta Outstanding Undergraduate Thesis in Pure Life Sciences Category (VSU)
- Pest Management Council of the Philippines (PMCP) Thesis Grantee
- 4th Place on Best Poster during 27th ViCARP and RRDEN Regional Research, Development and Extension Symposium entitled "Identification and Transmission Studies on Major Diseases of Vegetables in Eastern Visayas: Ampalaya and Patola Little Leaf in Focus"
- Best research paper during the 28th joint ViCARP and RRDEN Regional Research, Development and Extension Symposium entitled "Biochemical Alteration of Cassava Infested with Phytoplasma"
- Best research paper during 29th joint ViCARP and RRDEN Regional Research, Development and Extension Symposium entitled "Identification and Transmission Studies on Major Diseases of Vegetables in Eastern Visayas"

SKILLS

- Plant Bacterial Isolation, Characterization and Identification
- DNA Extraction
- PCR (Polymerase Chain Reaction) Technique
- RFLP (Restriction Fragment Length Polymorphism) Technique

- With expertise on detection/identification of *Phytoplasma* on vegetables and cassava
- Culture Media Preparation
- Abaca and Banana Tissue Culture

Computer-related

- Microsoft Office (Word, Excel, PowerPoint, Publisher)
- Xara Designer Pro
- BLAST Program
- Alpha Digi Documentation

TRAININGS, SEMINARS, WORKSHOPS, & CONFERENCES

2022

- Resource Person on "Training on Abaca Good Agricultural Practices and Integrated Pest Management" at Barangay Monterico, Baybay City on July 18, 2022
- Training on "Introduction to Metrology and Industrial Calibration" on July 12-13, 2022 at 1st Floor of CCE Bldg.
- Webinar Series entitled Research Results Dissemination and Learning Event for Garlic, Onion, and Mango: DA BAR Funded Project "Surveillance and Detection of Microbe Utilizing Molecular Techniques and Associated Thrips Vector on Onion, Garlic and Mango in Luzon" June 21-23, 2022 via zoom
- Plantation Herbicide Resistance Management, June 9, 2022 via zoom
- "Training on Abaca Good Agricultural Practices and Integrated Pest Management" at Barangay Bitanhuan, Baybay City on May 27, 2022
- NCPC Webinar Series: "Webinar on Foresight for Crop Pest Management in Extension and Policy Making", May 17, 2022 via zoom
- NCPC Webinar Series: "Webinar on Foresight for Crop Pest Management in Research", May 16, 2022 via zoom
- Webinar: Through the wells of ELISA, Basics and Applications of Enzyme-Linked Immunosorbent Assay, April 27, 2022 via zoom
- Equipment Calibration and Maintenance Workshop, at OP board room held on March 25 & 29 2022
- Equipment Calibration and Maintenance Workshop, held at RDE hall on February 21, 2022
- 10th SEAMEO-University of Tsukuba Symposium: Teacher Education in the Past, Current, and Challenges for Future, February 10, 2022 via zoom

2021

- "Management of Fall Armyworm" held on December 6, 2021 via zoom
- "Emerging and re-emerging *Phytoplasma* diseases and detection techniques using PCR and LAMP" via zoom on November 25, 2021.
- "Molecular Techniques in Abaca Breeding" via zoom on November 11-12, 2021.

- MicrobioMSS webinar: "A Dual-Mechanism Antibiotic Kills Gram-Negative Bacteria and Avoids Drug Resistance" via zoom on October 14, 2021.
 - Pest Management Council of the Philippines 53rd Anniversary and Annual Scientific Conference, July 6-7, 2021
 - PPL-IPB Webinar: "Underground killers: Major Soilborne Diseases of Potatoes", April 6, 2021
 - PPL-IPB Webinar: Integrated Disease Management Tools for Summer Crops in Australia's Northern Cropping Region, March 19, 2021
 - Strategic Planning and Impact Assessment Training, March 3-4, 2021
- 2020
- Workshop on Design Information Education and Communication Material Development, December 10-11, 2020
 - PPL-IPB Webinar: New Developments in *Fusarium oxysporum* f. sp. *cubense* diagnostics, August 28, 2020
 - PPL-IPB Webinar: Screening for Resistance in Tomato against Root-Knot Nematode using a Molecular Marker and Biochemical Analysis, August 27, 2020
- 2019
- NARC Seminar Series: A Reliable and Sensitive Virus Diagnostics in Screening of Abaca Germplasm Accessions for Resistance against Abaca Bunchy Top Viruses. April 2, 2019
- 2018
- AAACU 22nd Biennial Conference and General Assembly at Visayas State University, Baybay City, Leyte. Oct. 16-18, 2018

CURRENT ADDRESS

- Apt. No. 23, Maple Apartments, Escalante Compound, Barangay Guadalupe (Utod), Baybay City, Leyte, 6521-A
- E - mail: joy.cadalin@vsu.edu.ph, joyadelinenunez@yahoo.com
 Cell phone/mobile: 09518313457

DATE AND PLACE OF BIRTH

28 May 1993 Baybay, Leyte, Philippines

PERSONAL

STATUS Married
 INTERESTS Research, Travelling, and Dogs