

CURRICULUM VITAE
JOY ADELINE N. CADALIN



WORK HISTORY

- 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).

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

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

2017

- 16th National Vegetable Congress: "Gearing up the Nation's Vegetable Industry towards Global Competitiveness and Resiliency"
- 29th Joint ViCARP-RRDEN Regional Research Development and Extension Symposium

2016

- Alternative teaching approaches: do you think we are ready?
- Alternative teaching approaches: do you think we are ready?
- Developing an IP system: process and tools and pesticides – tools or toxins?
- Training-workshop on writing scientific papers for peer reviewed publications
- 2nd National Organic Agriculture Scientific Conference: Go Organic... For Health, Resiliency, and Sustainability

CURRENT ADDRESS

- Apt. No. 23, Maple Apartments, Escalante Compound, Barangay Guadalupe (Utod), Baybay City, Leyte, 6521-A

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Cell phone/mobile: 09085904422

DATE AND PLACE OF BIRTH

28 May 1993

Baybay, Leyte, Philippines

PERSONAL

STATUS Married
INTERESTS Research, Travelling, and Farming