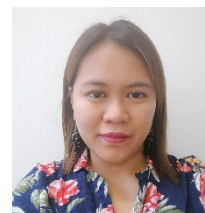


MICHELLE ONG SOLLEZA-GUERRERO
CURRICULUM VITAE



AFFILIATION & POSITION

University Researcher

National Crop Protection Center
College of Agriculture and Food Science
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PhD in Ecology with PhD Research on Diversity of Entomopathogenic Fungi (EPF) in New Zealand and its association with arthropod hosts
Zoology and Ecology, School of Natural Sciences
Massey University, New Zealand

PUBLICATION: (relevant)

Latina, DS Lantican, **MS Guerrero**, EC Rubico, JF Laquinta and BL Caoili. Species-specific PCR-based marker for rapid detection of *Aspidiotus rigidus* Reyne (Hemiptera: Diaspididae). Journal of Asia-Pacific Entomology, Volume 25 (2022)101848. ISSN 1226-8615, <https://doi.org/10.1016/j.aspen.2021.101848>

Guerrero, M.S., Javier P.A, Laude, R.P., and Caoili, B.L. 2019. Genetic Diversity of coconut scale insect, *Aspidiotus* spp., from outbreak and non-outbreak areas in the Philippines using Internal Transcribed Spacer 2 (ITS2). Philipp Agric Scientist Vol. 102 (Special Issue No. 1): 81-90 2019.

Solleza, Michelle O. and Pio A. Javier. 2009. Ovipositional Preference of *Trathala flavoorbitalis* Cameron (Hymenoptera: Ichneumonidae), a larval parasitoid of Eggplant Fruit and Shoot Borer, *Leucinodes orbonalis* Guenee. The Philippine Entomologist. 23(2): 131-148.

POSTER AND ORAL PAPERS PRESENTED TO CONFERENCES: (selected)

Guerrero, MS, S. Trewick, T. Glare and M. Minor. Diversity of entomopathogenic fungi in New Zealand and their potential for pest management. An oral presentation presented at the 69th New Zealand Entomological Society Conference held in Otago Museum, Dunedin. April 7-9, 2021.

Guerrero, MS, S. Trewick, T. Glare and M. Minor. Molecular identification of Entomopathogenic Fungi (EPF) in Cultivated and non-cultivated soil in New Zealand using isolation-based and metagenomic approach. An oral presentation presented at the 22nd Molecular Ecology conference held at Paekakariki, Kapiti Coast. Nov 29- Dec 1, 2019

Guerrero, MS, S. Trewick, T. Glare and M. Minor. Diversity of Entomopathogenic Fungi (EPF) in New Zealand and their utility for pest management. A poster paper presented during the “Pathways to the Future”, a School of Agriculture and Environment’s Symposium 2019. AgHort B, SAE, Massey University. Nov 14-15, 2019

Cayabyab BF, **Guerrero, MS.**, L.M. Alforja, A.G. Aquino, E.A. Perez, M.P. Gaylon, R.J. L. Oboza, M.J. B. Perfecto and R. Ramos. 2019. Some Botanicals and Microbials against Onion Armyworm, *Spodoptera exigua* Hübner (Lepidoptera: Noctuidae) at Sto. Domingo, Nueva Ecija. Poster paper presented at the 51st Pest Mgt. Council of the Phil. Anniv. And Annual Convention held at Coron Westown Resort in Coron, Palawan, 02-05 July 2019.

Laquinta J.F., K.P. Ardez, **MS. Guerrero**, B.L. Caoili and M.V. Navasero. 2019. Preliminary Findings of Molecular Variations in Brown Planthopper, *Nilaparvata lugens* Stal, among Populations from Isabela and Laguna. Poster paper presented at the 51st Pest Mgt. Council of the Phil. Anniv. And Annual Convention held at Coron Westown Resort in Coron, Palawan, 02-05 July 2019.

MS Guerrero, JF Laquinta, LM Alforja, EA Perez, AG Aquino, WS Sagado, RV Valdez and BF Cayabyab. 2019. DNA Barcoding of Onion Armyworm, *Spodoptera exigua*, in Nueva Ecija and Benguet. Poster paper presented at the 51st Pest Mgt. Council of the Phil. Anniv. And Annual Convention held at Coron Westown Resort in Coron, Palawan, 02-05 July 2019. (2nd Place Best Poster)

BF Cayabyab, **MS Guerrero**, MCdL de Roxas, KP Ardez, CA Kahayon and JF Laquinta. Development of DNA Barcoding Protocol for Cassava Arthropod Pests. A Poster paper presented during the 2019 NRCP Annual Scientific Conference and 86th General Membershio Assembly. PICC, Roxas Blvd, Pasay City. 11 March 2019

BF Cayabyab, **MS Guerrero**, MCdL de Roxas, CA Kahayon JF Laquinta and KP Ardez. Updated Geographical Distribution of Natural Enemies and its associated Cassava Arthropod Pests in Selected Regions in the Philippines and the role of cassava variety to its susceptibility to arthropod pests. A Poster paper presented during the 2019 NRCP Annual Scientific Conference and 86th General Membershio Assembly. PICC, Roxas Blvd, Pasay City. 11 March 2019.

MS Guerrero, BF Cayabyab, LM Alforja, EA Perez, AG Aquino, WS Sagado and RV Valdez. The potential of *Spodoptera exigua* Nucleopolyhedrovirus (NPV) against onion armyworm, *Spodoptera exigua* (Hubner). Poster paper presented at the 4th Global Science Conference on Climate Smart Agriculture. Birchwood Hotel and Conference Venue, Boksburg, Johannesburg, South Africa. 28- 30 November 2017.

JF Laquinta, EC Rubico, RA Latina, GD Sapin, **MS Guerrero** and BL Caoili. Haplotype Diversity of *Aspidiotus* species in Philippines using the 28s rRNA Gene Region. Oral paper presented at the 49th Pest Mgt. Council of the Phil. Anniv. And Annual Convention. Crown Regency Resort and Convention Center, Boracay Island (Station 2), Malay, Aklan. 10-12 May 2017.

JF Laquinta, EC Rubico, RA Latina, GD Sapin, **MS Guerrero** and BL Caoili. Characterizations of 28s ribosomal RNA Region of Insect Parasitoids and Predators Associated with Armored Scale Insects. Oral paper presented at the 49th Pest Mgt. Council of the Phil. Anniv. And Annual Convention. Crown Regency Resort and Convention Center, Boracay Island (Station 2), Malay, Aklan. 10-12 May 2017.

Latina, DS Lantican, **MS Guerrero** and BL Caoili. Development Of A Rapid Multiplex-Based PCR Protocol for *Aspidiotus rigidus* Reyne Detection. Poster paper presented at the 25th Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB) International Conference and the 43rd Philippine Society for Biochemistry and Molecular Biology (PSBMB, Inc.), Annual Convention. Philippine International Convention Center, Manila, Philippines. December 5-7, 2016.

EC Rubico, JF Laquinta, RA Latina, GD Sapin, **MS Guerrero** and BL Caoili. Identification of parasitoid associated with coconut scale insects from Basilan and Zamboanga based on 28S rDNA. Poster paper presented at the 47th Pest Mgt. Council of the Phil. Anniv. And Annual Convention. Villa Caceres, Naga City. 8-11 March 2016.

JF Laquinta, EC Rubico, RA Latina, GD Sapin, **MS Guerrero** and BL Caoili. Identification of Scale Insects on coconut and Associated Crops Using 28S gene. Poster paper presented at the 47th Pest Mgt. Council of the Phil. Anniv. And Annual Convention, Villa Caceres, Naga City. 8-11 March 2016

MSGuerrero and BL Caoili. Genetic Structure of *Aspidiotus* spp. (Hemiptera: Diaspididae) from Outbreak and Non-Outbreak Areas in the Philippines using Cytochrome C Oxidase (Col gene). Poster paper presented during the Annual Scientific meeting of the Pest Management Council of the Philippines. May 5-8, 2015.

BL Caoili, II Lit Jr., SA Yap, **MS Guerrero**, GD Sapin, RFC Sandoval, JM Belen, RA Latina and N Barbecho. 2014. Identification of the Philippine Outbreak Populations of the Coconut Scale Insects Using Molecular Markers with Morphological Confirmation. Oral paper presented during the Annual Scientific Meeting of Pest Management Council of the Philippines, May 6-9, Mandarin Hotel, Cebu City.

MO Solleza and PA Javier. Ovipositional Preference of *Trathala flavaorbitalis* Cameron (Hymenoptera: Ichneumonidae), a larval parasitoid of Eggplant Fruit and Shoot Borer, *Leucinodes orbonalis* Guenee. 2009. Oral paper presented during the Annual Scientific Meeting of the Pest Management Council of the Philippines, May 5-8, Hotel Supreme, Baguio City.

MO Solleza and PA Javier. Ovipositional Preference of *Trathala flavaorbitalis* Cameron (Hymenoptera: Ichneumonidae) a larval parasitoid of Eggplant Fruit and Shoot Borer, *Leucinodes orbonalis* Guenee. 2008. Poster paper presented during the Annual Scientific Meeting of the Pest Management Council of the Philippines, May 5-10, Asturias Hotel, Puerto Princesa City, Palawan.