

EXPERT'S PROFILE

Name of Grantee: JESUSA C. LEGASPI, PHD
Area of Expertise: Entomology
Inclusive Date of Contract: Short Term (July 2016-June 2017)
as BSP Awardee: 90 days non-continuous
Host Institution: De La Salle University
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EDUCATIONAL BACKGROUND

Ph.D. in Entomology, Purdue University, West Lafayette, Indiana, USA, 1991

M.Sc. in Applied Entomology, University of Newcastle-upon-Tyre, NE17RU, England, 1985

B.Sc. Biology, University of the Philippines Los Baños, Philippines, 1980

PROFESSIONAL EXPERIENCES

2014 (January-March): **Acting Research Leader**, Insect Behavior and Biocontrol Research Unit, USDA, ARS, CMAVE, Gainesville, FL 32306 and satellite lab. in USDA/ ARS/ CMAVE-Center for Biological Control, Florida A&M University, Tallahassee, Florida 32308, U.S.A.

2012 –present: **Co-Director**, USDA-ARS-CMAVE / Center for Biological Control, Florida A&M University, Tallahassee, Florida 32308, U.S.A.

2001-present: **Research Entomologist and Courtesy Assoc. Prof.**, USDA, ARS, CMAVE, Center for Biological Control, Florida A&M University, Tallahassee, Florida 32308, U.S.A.

September 2000-January 2001: **Associate Professor**, Texas Agricultural Experiment Station, The Texas A&M University System, Weslaco, Texas 78596, U.S.A.

July 1995-August 2000: **Assistant Professor**, Texas Agricultural Experiment Station, The Texas A&M University System, Weslaco, Texas 78596, U.S.

March 1992-June 1995; **Research Entomologist** (Postdoctoral Research Associate), Biological Control of Pests Research Unit, USDA-ARS Subtropical Agricultural Research Laboratory, Weslaco, Texas 78596, U.S.A.

1991 **Postdoctoral Research Associate**, Dept. of Entomology, Purdue University, West Lafayette, Indiana 47907, U.S.A.

1987-1991 **Ph.D. Graduate Research Assistant**, Dept. of Entomology, Purdue University, West Lafayette, Indiana 47907, U.S.A.

1985-1986 **Research Assistant**, Entomology Department, International Rice Research Institute (IRRI), Philippines

1982-1984 **Cooperative Technical Trainee/Colombo Plan Scholarship**, British Council, University of Newcastle-upon-Tyne and Rothamsted Experiment Station, England

1980-1982 **Research Assistant**, Joint affiliation: Philippine Council for Agriculture Research and Resource Development and the Southeast Asian Regional Center for Agriculture and Studies, Los Baños, Philippines

TO BE ACCOMPLISHED AS A BSP AWARDEE (Deliverables)

1. Rearing protocol for the biological assay activity of Project 1,2 and 4 of the Cacao Pest Management
2. Identification of potential biological control agents for the control CPB and CMB identified
3. Formulation of an effective particle film technology for the control of CPB, CMB and Block Pod Rot