

PARRFI R&D Award (Research Category)

- 2005: Rico J. Cabangon, Phillip D. Evans and Ross B. Canningham / FPRDI
Manual Strand Orientation as a Means of Improving the Strength Properties of Wood Wool Cement Boards in the Philippines
- 2006: Angelita M. del Mundo and Angelina db. Felix / UPLB-CHE, Glenn B. Gregorio, Dante L. Adorado and Cristina B. Sison / IIRRI-IPUGBD
Rice Biofortification as a Viable approach towards improved human iron nutrition
- 2007: Oscar S. Oplina and Eida B. Eguerra / UPLB
Pre- and Postharvest Disease Management of Mango (Mangifera indica L. cv. Caraboa) Fruits for Controlled Atmosphere Storage for Global Market Access
- 2008: Olivia P. Danasco, Teodora O. Dizon, Felipe S. dela Cruz, Jr., Judith B. Estrella, Lella S. Caymo, Erelito Jay M. Gultap, Ryan Rodrigo P. Tayobang, and Evelyn Mae T. Mendoza / UPLB
Biotechnology-assisted Development of Bunchy Top Virus Resistant Banana by Mutation Breeding
- 2009: Lilia F. Patela, Maureen Bonna C. Ines, Alice B. Formaran, and Rannon C. Barba / UPLB
Tissue Culture of Mango var. 'Caraboa'
- 2010: Antonio J. Alcantara, Moises A. Dorado, Eduardo V. Casas and Raquel S. Hulganga / UPLB
Performance of Anaerobic Digesters in Small to Medium Scale Swine Farms in Calumpang River Watershed, Batangas, Philippines
- 2011: Renato S.A. Vega, Beatriz R. Garcia, Elpidio M. Agbisit, Jr. and Art T. Calud / UPLB
Performance of Commercial Piggery Farms as Affected by Third Quarter Sow Productivity Syndrome
- 2012: Cleofas R. Cervancia, Alejandro C. Fajardo, Jr., Noel G. Sabino, Renard M. Janora, Kryza I. Consiguado and Bernard Francis C. Flores / UPLB
Prevalence of American Foulbrood (AFB) Disease of Honey Bee, Apis mellifera Linnaeus and its Pathogenicity to Asian Honey Bee, Apis ceranae Fabricius in the Philippines
- 2014: Nonoy Bendillo Chitra Baghavan, Pauline Andrea Muyco, Ma. Anna Lynn Sevilla, Irish Lobina, Christine Jade Dilla-Ermita, Michael Thomson, Ramil Mauleon, Rakesh Kumar Singh, Glenn Gregorio, Edilberto Bedonia, Hel Leung, Chih-Wei Tung, Susan McCouchet / IIRRI
Multi-Parent Advance Generation Inter-Cross (MAGIC) Populations in Rice: Progress and Potential for Genetics Research and Breeding
- 2015: Rodol C. Maghirang, Gloria S. Rodulfo, Milagros S. Casal, Lorna M. Tepper, Fatima Amor M. Tenorio, Maria Enblenn O. Grulla, Maria Cleo Paula L. Bartolome, Ms. Ivy Jane W. Madrid / UPLB
Variety Evaluation, On-farm Trials and Seed Production of Organic Vegetables in Southern Luzon
- 2016: Dr. Alice G. Laborte and the PRISM Team / IIRRI
Mapping and Monitoring Rice Areas in the Philippines: the PRISM Project Experience
- 2017: Conrado Duenas, Jr., et al. / IIRRI
Biofortified Indica Rice Attains Iron and Zinc Nutrition Dietary Targets in the Field

PARRFI R&D Award (Development Category)

- 1996: Paterno C. Bortigagan / IIRRI
The Rotary Percussion Drilling Rig: Basic Tool in Establishing a Shallow Tubewell Irrigation System
- 1997: Eulito U. Bautista, R.E. Aldas, E.G. Bautista, J.E. Lumang, and M.J.C. Regalado / PhilRice
Stripper Harvester: Promoting a Modern System in Place of the Traditional Sickle
- 1998: Sant S. Virmani, Edilberto D. Redona Carlos L. Casal, Frisco M. Malabanan, and Rodolfo S. Toledo / IIRRI and PhilRice
Development and Use of Hybrid Rice Technology in the Philippines
- 2003: Orville L. Bondoc / UPLB-IAS
The Philippine Goat Breed Registry: A Practical Approach in Support of Genetic Improvement and Conservation
- 2005: Eida B. Eguerra, Sherman M. Chavez and Ritchida F. Valerio
A Modified Rapid and Effective Heat Treatment for the Control of Postharvest Diseases of Mango (Mangifera indica Linn. cv. Caraboa) Fruits
- 2006: Belen B. Bisana, Dante B. Pulmano, Felix B. Tamolang, Carolyn Marie C. Garcia, and Elizabeth N. Dioso / FPRDI
Design and Fabrication of Bamboo Veneer Lathe
- 2007: Belen B. Bisana, Dante B. Pulmano, Amado Allan M. Bondoc, and Carolyn Marie C. Garcia / FPRDI
Design and Fabrication of Kiln for Bamboo Charcoal and Light Distillate/Pyrolytic Liquor Production
- 2011: Edna A. Aguilar, Jose Nestor M. Garcia, Neily S. Agangan, Juliet A. Anarna, Patrick M. Rocamora, Leonardo L. Tamsisin, Jr., Felipe S. Dela Cruz, Jr., Manuel O. Eguerra, Michael R. Noel, and Louie Joseph A. Pabro / UPLB
Improving Production of Saba, Lakatan and Latundan Cultivars in Different Cropping Systems
- 2013: Dante B. Pulmano, Robert A. Nathvidad, Carolyn Marie C. Garcia, Ruben A. Zamora and Eduardo M. Alienza / FPRDI
Design and Development of a Bamboo Flattening Machine
- 2014: Wency H. Carmelo, Teodoro Z. Ebron, Joel C. Ferret, Paulo L. Inatong, Calixto T. Lulo and Ernesto L. Zuniga / FPRDI
Design and Development of a Water Hyacinth Dryer
- 2015: Hermingilda A. Gabertan, Lorna M. Tepper, Eugenio M. Buctuano, Mercedes L. Dela Cueva, Meanne P. Andes, Benito M. Sojer / DA-BFI
Development of Organic Seed Production System of Lowland Vegetables and Field Legumes in BPI-LBNCRDC and Strengthening Partnership in CALABARZON, MIMAROPA and Bicol Region



Los Banos Science Community Foundation Inc



The LBSCFI Secretariat

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or 226
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M.S. Swaminathan Outstanding Research Award

- 1990: Ireneo J. Manguiat, D.F. Guinato, A.S. Perez, and A.T. Jalalon/IRRI
Sesbania rostrata: An Effective Substitute for Commercial Nitrogen Fertilizers in Corn and Rainfed Rice Production
- 1991: Leodegario E. Padua/UPLB
 Biotechnology in the Production of Microbial Insecticide against Corn Borer *Astrinia funicollis* (Guenee) and other Important Pests of Corn
- L.T. Trung and L.P. Palo/UPLB
 Milk and Meat Production from Urea Treated Rice Straw with Limited Supplementation: The Philippine Experience
- Felix Librero/UPLB
 Synthesis of Selected Development Communication Research in the Philippines: Some Policy Implications for Agricultural Development Program Implementation
- 1992: Alfredo N. Calendacion, Ketch T. Ingran, and Dennis P. Garrity/IRRI
 Lock-logging: A New Technology for Rainforest Rice Cropping
- Canaida B. Adalla/UPLB
 INPM Extension and Women Project: An Alternative Approach to the Transfer of a Complex Technology
- 1993: Agnes Bola, and P. Plagali/IRRI
 Pesticides, Rice Productivity and Farmer's Health: An Economic Assessment
- 1994: Kenneth G. Cassman, Hermingildo C. Gines, Martielle A. Dizon, Marianne I. Samson, and Jovencio M. Alcantara/IRRI
 Nitrogen Use Efficiency in Tropical Lowland Rice Systems: Contributions from Indigenous and Applied Nitrogen
- 1997: Leocadio S. Sebastian, R. Beeda, N. Huang T.M. Imbe, W.B. Coffman, and S.B. McCouch/PhilRice
 Molecular Mapping of Resistance to Rice Tungro Spherical Virus (RTSV) and Green Leafhopper (GLH)
- 1998: Severina B. Exconde, Asuacion K. Raymundo, and Teresita M. Espino/UPLB
 Development of Nucleic Acid Based Monoclonal Antibodies for the Detection of the Bacterial Wilt Organism

F.O. Tesoro Technology Transfer Award

- 1990: D. Eusebio/FPRI
 Wood-wool Cement Board Technology
- Arturo D. Capati/FPRI
 Furnance-type Dryer for Curing Onion
- 1992: Raul Pelegrino, Olympia Molod, Angelita Exconde and Cecille B. Zamora/FPRI
 Handmade Papermaking Technology
- 1995: Vicente C. Mallari, Jr., Orlando R. Pulido, Rico J. Cabanga, and Lorretto A. Novicio/FPRI
 Sugarcane Bagasse Cement Board Technology
- 1998: Robert A. Nathvidad/FPRI
 Bentwood for Furniture and Handicraft Components
- 1999: Catalino L. Pabuayon/FPRI
 High Pressure Sap Displacement (HPSD) Treatment of Wood for Utility Poles
- 2006: Gil B. Dolotina, Martina A. Allipon, Greccelda A. Eusebio/FPRI
 FPRDI electrical resistance moisture meter for the furniture and handicraft industry
- 2008: Leonido B. Naranja and Maria Charito Balladares/UPLB
 Substitution of the Supplemental Light Required for the Bolting of *Aster ericoides* Hybrid Using Gibberelic Acid
- 2009: Martina A. Allipon, Gil B. Dolotina, Gerwin P. Guba, Greccelda A. Eusebio, and Aivia E. Betanar/FPRI
 Development and Commercialization of a Locally Designed Digital Wood Moisture Meter
- 2017: Carmelita M. Mojica, Dr. Evangelina Castillo/ DENR-ERDB
 ERDB HI-Q YAM I Technology
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- ### PARRFI R&D Award (Research Category)
- 1996: Florita S. Maslog/UPLB
 The Use of Monoclonal Antibodies Against *Pasteurella Multocida* Group B as Diagnostic and Therapeutic Reagents and Development of Specific Vaccine for Hemorrhagic Septicemia
- 1997: J. C. Mamarti, L.D. Padolina, E.T. Paner, and A.M. Lopez/UPLB
 Cadmium and Lead Removal from Aqueous Systems Using Rhizobium BIV-12 Cells and their Polysaccharides Imbedded in Porous Synthetic and Natural Carriers
- 1998: Rico A. Caldo, Leocadio S. Sebastian, and Jose E. Hernandez/UPLB and PhilRice
 Multivariate Analysis of Phenotypic Diversity of Philippine Improved Rice Varieties
- 2003: Nestor C. Altoveros, Rachel C. Soito, Lillian P. Pateja, Mary Ann B. Dioneda, Alice L. Bariring and Ramon C. Barba/UPLB-IPB
 Investigation into the Conservation of Biodiversity of Indigenous Orchids Using Seeds
- 2004: Andres Godwin C. Sajise, Simeona V. Star, Juanito B. Sangalang/UPLB-IPB and Department of Horticulture, CA
 Cross Compatibility of Elite Papaya Inbred Lines to an Interspecific Hybrid of *Carica papaya* L. x *Carica quercifolia* (Saint-Hil.) Hieron

- 2003: Lucia M. Borines/Leyte State University, Edilberto D. Badoha/PhilRice, Marina P. Natara/UPLB, Casiana M. Vera Cruz, and Hel Leung/IRRI, Brad Porter and Frank White/Kansas State University
 Marker Aided Pyramiding of Bacterial Blight Resistance Genes in Maintaining Lines of Rice (*Oryza sativa* L.) Hybrids
- 2004: Teresita M. Espino, Richard D. Tambalo, Fides Z. Tambalo, Jack Deodato C. Jacob, Ma. Theresa Excozia and Paul Arjune Alayres/UPLB-BIOTECH
 Local Production of Maltodextrin and U.S.P. Grade Dextrase for Intravenous (I.V.) Fluids from Cassava Starch via Enzymatic Hydrolysis Using BIOTECH Produced Alpha-amylase and Glucoamylase
- 2005: Calixto M. Protacio, Edralina P. Serrano, Felicitio M. Rodriguez, Julita E. Quinto, Iris P. Marquez and Weila L. Absulito/UPLB-CA-Department of Horticulture
 Unravelling the Role of KNO3 in Mango Flowering
- 2006: Rita P. Laude and Marri E. Cueno/UPLB-IBS
 Cloning of Important Genes of Coconut
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- ### F.S. Pollisco R&D Award (for Forestry)
- 1990: Elvira C. Fernandez/UPLB
 Isolation and Identification of Active Compound from *Luyang Ditalaw* (*Coercuma Longa*)
- 1992: Vicente C. Mallari, Jr., Orlando R. Pulido, Edgardo H. Villena, Emerson L. Romanillos, Carlos V. Diongday, and Rico J. Cabanga/FPRI
 Production of Cement-Bonded Fiberboard Using Coconut Coir Dust
- 1993: Erlinda L. Mars/FPRI
 Composite Board from Chemically Treated Wood of Fast Growing Species
- 1995: Bernabe L. Palta/IRRI
 Design and Development of a Rice Hull/Biomass Cookstove
- 1998: Celso B. Lantican, Celso P. Diaz, L.M. Tandug, Manolito U. Sy, and Paulino A. Unial Jr./ERDB and AIT
Gmelina arborea: Species-Site Compatibility Assessment without Establishing Field Trials
- 1999: Carlos M. Garcia, Magdalena Y. Giron, and Lohda C. Mabilangan/FPRI
 Non-Chemical Treatment of Bamboo Strips for the Manufacture of Woven Products
- 2004: Maria dP. Dayan and Rosalinda S. Reaviles/ERDB
 Phenology and Seed Technology of Malapapaya (*Polycias nodosa* (Blume) Seem)
- 2006: Leivina Micoso-Tandug/ERDB
 Biomass and Carbon Sequestration of *Gmelina arborea* Roxb.
- 2016: Dr. Simplicia A. Pascolan, For. Wencello A. Hinaral, Jamella M. de Castro, Girtle H. Rueda, Jewel B. Labita/ERDB
 Biological Characteristics of Migratory Waterbirds at Priority Wetlands in Relation to Climate Change