Philippine Men of Science

A compilation of bio-bibliographical information of men and women in the field of science and technology

Volume 25
December 2012

Information Resources and Analysis Division
Science and Technology Information Institute
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Scientists Database, the online version can be accessed at http://webdb.stii.dost.gov.ph

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Preface

The Philippine Men of Science is one of the in-house publications generated from the Scientists Database, being maintained by the Science and Technology Institute (STII), the information arm of the Department of Science and Technology (DOST). It contains bio-bibliographical information of the living scientists who have excelled in their careers with their scientific and technical contributions published in various scientific and technical journals here and abroad.

This compilation aims to provide a useful and effective baseline information needed by researchers, planners, policy makers and the general public who may need the expertise of these scientists.

The publisher is very grateful to all the scientists who have extended their wholehearted and invaluable cooperation in this undertaking as it is hoped that this information will be of help in our national development effort.
<table>
<thead>
<tr>
<th>Scientists</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albert, Jose Ramon G.</td>
<td>7-9</td>
</tr>
<tr>
<td>Mathematical Sciences</td>
<td></td>
</tr>
<tr>
<td>Statistics</td>
<td></td>
</tr>
<tr>
<td>Amalin, Divina M.</td>
<td>10-16</td>
</tr>
<tr>
<td>Crop Entomology</td>
<td></td>
</tr>
<tr>
<td>Plant and Animal Science</td>
<td></td>
</tr>
<tr>
<td>Cao, Ernelea P.</td>
<td>17-19</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td></td>
</tr>
<tr>
<td>Genetics</td>
<td></td>
</tr>
<tr>
<td>Cardenas, Meinhard Bayani R.</td>
<td>20-26</td>
</tr>
<tr>
<td>Applications of environmental and artificial tracers</td>
<td></td>
</tr>
<tr>
<td>Applied Hydrogeophysics and Thermal Remote Sensing</td>
<td></td>
</tr>
<tr>
<td>Heterogeneity and Architecture of Fluvial Deposits</td>
<td></td>
</tr>
<tr>
<td>Hydrogeology and Hydrology</td>
<td></td>
</tr>
<tr>
<td>Multiphysics Transport Phenomena</td>
<td></td>
</tr>
<tr>
<td>Rivers/ Lakes/ Aquifers/ Caves and Karst</td>
<td></td>
</tr>
<tr>
<td>Surface Water-Ground Water Interactions at Various</td>
<td></td>
</tr>
<tr>
<td>Spatial Scales using Field Methods and Modeling</td>
<td></td>
</tr>
<tr>
<td>Dacuycuy, Lawrence B.</td>
<td>27-29</td>
</tr>
<tr>
<td>Econometrics</td>
<td></td>
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<tr>
<td>Economics</td>
<td></td>
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<td>Emperical Inequality Analysis</td>
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<tr>
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<tr>
<td>Semiparametric and nonparametric methods</td>
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<tr>
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<tr>
<td>Delos Reyes, Aurelio Alfonso Jr.</td>
<td>30-33</td>
</tr>
<tr>
<td>Agricultural Engineering</td>
<td></td>
</tr>
<tr>
<td>Aquaculture</td>
<td></td>
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<tr>
<td>Faylon, Patricio S.</td>
<td>34-42</td>
</tr>
<tr>
<td>Agriculture and Forestry</td>
<td></td>
</tr>
<tr>
<td>Animal Science Research Management</td>
<td></td>
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<tr>
<td>Garcia, Manuel Mariano</td>
<td>43-54</td>
</tr>
<tr>
<td>Animal Health Programs</td>
<td></td>
</tr>
<tr>
<td>Food Standards</td>
<td></td>
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<tr>
<td>Lapitan, Victoria Pecho Chavez</td>
<td>55-62</td>
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<td>Agriculture</td>
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<td>Agronomy</td>
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<td>Microtechnique i.e. organ, anther, embryo, callus, meristem, cell tissue and protoplast culture</td>
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</tbody>
</table>
Limjap, Auxencia A.  
Educational, Government and International Policies  
Mathematics and Science Education  

Lope, Jose Ernie C.  
Mathematics  
Physics  

Narisma, Gemma Teresa Tamayo  
Atmospheric Science  
Climate Analysis  
Climate Change and Variability Analysis  
Environmental Physics focus on climate system  
Environmental Science  

Ogena, Nimfa B.  
Demography  
Sociology  
Statistics  

Padre, Agnes T.  
Agricultural Chemistry  
Soil Health Science  

Paraso, Michelle Grace V.  
Environmental Science (Aquatic Ecotoxicology)  
Veterinary Pharmacology (Toxicology)  
Veterinary Physiology (Endocrine Physiology)  

Pareja, Teresita P.  
Applied Linguistics  
Social Sciences  

Prudente, Maricar S.  
Environmental Chemistry and Ecotoxicology  
Environmental Education and Science Education  
Environmental Pollution  

Quimbo, Stella Luz A.  
Access to health care  
Education  
Health Economics (health care financing, quality of care, health status of children, provider payment systems)  
Poverty  
Tobacco Taxation  

Reyes, Marita V.T.  
Biochemistry  
Bioethics  
Medicine  

Rodriguez, Felicito  
Analytical Chemistry  

Ronquillo, Wilfredo P.  
Anthropology  
Archeology
Suarez, Raul K.  129-136
Comparative Physiology & Biochemistry
Ecological consequences and evolutionary implications
of metabolic biochemistry:
Energetics of Locomotion
Evolutionary Design of Functional Capacities
Zoology

Tabanao, Dindo Agustin Ancajas  137-144
Molecular genetics (marker-assisted selection, genomewide selection,
gene mapping, DNA fingerprinting, structural genomics, SNP discovery
Plant breeding (irrigated lowland rice, upland rice, insect
and disease resistance, drought tolerance)
Statistics (experimental design, mixed model analysis,
genotype by environment interaction)
Population genetics (genetic variance, kinship,
linkage disequilibrium, population structure, association analysis)

Tongol, Bernard John V.  145-151
Chemistry
Electrochemical Surface Science
Engineering -Applied Chemistry
Material Science
Nanotechnology

Villegas, Lucille C.  152-155
Biology
Microbiology

Specialization Index  156-158
Authors’ Index  159-160
**Name**  
Jose Ramon G. Albert  

**Gender**  
Male  

**Civil Status**  
Single  

**Organizational Affiliations**  
Senior Research Fellow, Philippine Institute for Development Studies (PIDS), NEDA sa Makati Bldg., 106 Amorsolo St., Legaspi Village, Makati, Philippines  
Consultant, Asian Development Bank Independent Evaluation Office  

**Education**  
Ph.D. in Statistics, State University of New York, USA 1993  

**Fields of Specialization**  
Mathematical Sciences  
Statistics  

**Trainings**  
- Training on Microeconometrics Using Stata for Staff of Indicators Division of Economic Research Depa, Asian Development Bank, Pasig, Philippines 2011 F 21- 2011 Mr 4  
- Vulnerability and Household Coping Mechanisms in Social Protection Programmes, Completed 2010 S - 2011 Mr  
- Joint Statistical Research and Training Center-Philippine Statistical Association Annual Conference, Sulo Hotel, Quezon City 2002  
- 5rd Session of the International Statistical Institute, Seoul, Korea 2002  

**Researches**  
**Completed**  
- Applied Econometric Modeling on Improving Implementation Performance with Complexity in Project Design (Consultant)  
- Philippine County Study on Out of School Children (Philippine Institute for Development Studies), (March 2011 – October 2011), Project Leader  
- Philippine Study on Innovation Activities contracted by Department of Science & Technology to Philippine Institute for Development Studies, (January 2011 – June 2011), Project Leader  
- Study on Teacher Deployment and Classroom Shortage Processes at Department of Education for Department of Budget & Management (2011 Mr-2011 Je), Consultant  

**Papers Presented**  


(). Some Issues on the Quality of Surveys and Censuses, Unpublished manuscript

Publications


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<tr>
<th>Year</th>
<th>Author(s)</th>
<th>Title</th>
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<td>Some Issues on the Quality of Surveys and Censuses.</td>
<td>Unpublished manuscript.</td>
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<tr>
<td>Name</td>
<td>Divina M. Amalin</td>
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<td>Postdoctoral Research Associate, Cooperative Agreement with USDA-APHIS-CPHST,</td>
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<tr>
<td>Education</td>
<td>Ph.D. in Entomology, University of Florida, Gainesville, Florida 1999</td>
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<td></td>
<td>M.S. in Biology, University of the Philippines at Los Baños, College, Laguna 1988</td>
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<td></td>
<td>BS Entomology, University of the Philippines, Los Baños, 1982</td>
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<td>Fields of Specialization</td>
<td>Plant and Animal Science</td>
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<td>Crop Entomology</td>
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<tr>
<td>Employment</td>
<td>Graduate Research Assistant, Tropical Research and Education Center, University of Florida, Homestead, FL, 1995-1999</td>
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<td></td>
<td>Postdoctoral Research Associate, Tropical Research and Education Center, University of the Philippines, Homestead, FL, 1999-2001</td>
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<td></td>
<td>Subcontract Scientist, Tropical Research and Education Center, University of Florida, Homestead, FL, 2005-2006</td>
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<td></td>
<td>Postdoctoral Research Associate, Cooperative Agreement with USDA-APHIS-CPHST, 2002-present-</td>
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<td></td>
<td>Handled laboratory of the course Cytology, University of the Philippines Los Baños Laguna, 1989-1990</td>
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<td></td>
<td>Handled Laboratory portion of the course General Genetics, University of the Philippines Los Baños, 1989-1990</td>
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<td></td>
<td>Primary Instructor of Fundamentals of Entomology, Miami Dade College, 1997-1998</td>
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<td></td>
<td>Primary Instructor of Tropical Fruit Production Course, University of Florida, Tropical Research and Education Center, 1999-2000</td>
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<td></td>
<td>Instructor of Fundamentals of Entomology, University of Florida, Tropical Research and Education Center, 1999-2000</td>
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<td></td>
<td>Student Assistant, Entomology Department, International Rice Research Institute, Los Baños, Laguna, Philippines, 1979</td>
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<td></td>
<td>Research Assistant, Department of Life and Sciences, University of the Philippines, Los Baños, Laguna, Philippines, 1980-1984</td>
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<tr>
<td></td>
<td>Research Assistant, Genetics Laboratory, Institute of Biological Sciences, University of the Philippines, Los Baños, La, 1985-1988</td>
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<td></td>
<td>Assistant Professor, Genetics Laboratory, Institute of Biological Sciences, University of the Philippines, Los Baños, La, 1989-1990</td>
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<td></td>
<td>Research Associate, International Potato Center, Region VII, Los Baños, Laguna Philippines, 1991-1993</td>
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</tbody>
</table>
Association Membership

Member, Entomological Society of America
Member, Florida Entomological Society
Member, American Arachnological Society
Member, Plant Biologist of South Florida
Member, Florida Society of Horticultural Science
Member, Gamma Sigma Delta Honor Society

Honors / Awards

Florida Entomological Society Mini-Grant Research Award, University of Florida 1997-1998
AGRI-Council Scholarship, University of Florida 1995-1998
Dennis Carpenter Memorial Fellowship, University of Florida 1995-1997
Undergraduate Grants-in-Aid Scholar, University of the Philippines 1977-1982
Harold E. Kendall Sr. Endowed Scholarship Award, University of Florida 1998
The Honor Society of Gamma Sigma Delta, Florida USA, University of Florida 2000
Balik Scientist Award, DOST 2010

Trainings

Hands-on practice in the use of Lucid Keys for insect and plant identification, Miami Plant Inspection Station Miami, Florida 2007
Biological control of invasive pests: USDA-APHIS operation in Miami, Tropical Research and Education Center Seminar Series. TREC, Homestead, FL 2003 Jan
Biological control by natural enemies, Distance Education-Entomology section, Tropical Research and Education Center, Homestead, FL 2002 Apr
Biological control of Diaprepes by parasitoids, Diaprepes Task Force Meeting, Miami-Dade Extension Service, Homestead, FL 2001 Mar
Importance of spiders in agroecosystems, 1999 Seminar Series University of Miami 1999 Oct
On-hand training on molecular cloning, protein expression, protein purification and analysis methods, Department of Biochemistry, University of Vermont, Burlington, Vermont 1994
Identification of sweet potato pests and their natural enemies, Southeast Asia Potato Program Research and Development (SAPPRAD)Albay Experimental Station, Albay, B 1993 My
Management of sweet potato weevil population in the Philippines, Southeast Asian Potato Program Research and Development (SAPPRAD)Albay Experimental Station, Albay, 1992 My
Resistance to sweet potato weevil, PCARRD, Los Baños, Laguna, Philippines 1990 Jan
Increasing sweet potato production, Training Workshop on Sweet Potato On-Farm Research in Vietnam 1990 Apr
Screening resistance to the weevil, Integrated Pest Management of Sweet Potato Weevil 1989 Jul
Arthropod fauna of sweet potato agroecosystems in the Philippines, Integrated
Pest Management of Sweet Potato Weevil 1989

Implementation of sweet potato weevil sex pheromone in the farmers’ field, Asian Vegetables Research and Development Center, Shanhua, Taiwan 1988

Researches

Completed

Mass Rearing and Release of Boreioglycaspis melaleucae (Hemiptera Psyllidae: a biocontrol effort against Melaleuca quinquefolia in South Florida

Mass Production of Parasitoids of Diaprepes weevil

Florida and Offshore Biological Control Initiative Against Invasive Species

Implementation of Biological Control Agents of Invasive Species in Florida

Papers Presented


Amalin, D.M (2000 Ag 6-9). Recovery of Parasitoids (Hymenoptera:Eulophidae and Trichogrammatidae) Released for Biological Control of Diaprepes abbreviatus (Coleoptera : Curculionidae ) in Florida, 83th Annual Meeting of the Florida
Entomological Society.


Publications


2004 Amalin, D.M., Pena, J.E., Duncan, R.E. Effects of host age, female parasitoid age


Name: Ernelea P. Cao
Gender: Male
Civil Status: Single

Organizational Affiliations
Professor 9, University of the Philippines, College of Science, Institute of Biology
U.P. Diliman, Q.C.

Education
Ph.D. Biology, University of the Philippines, Diliman, Quezon City 1992

Fields of Specialization
Biological Sciences
Genetics

Honors / Awards
Jose Kabigting Santos Professorial Chair in Botany, 2002
Centennial Professional Chair Award, July 2010 – June 2011, U.P. Diliman 2010
Jl-2011 Je

Trainings
31st Annual Convention of the Philippine Environmental Mutagens Society, Pilar
Herrera Hall, Institute of Chemistry, U.P. Diliman, Quezon City 2011 N 26
6th Asian-Pacific Organization for Cell Biology (APOCB)Congress, EDSA Shangri-
La Hotel, Manila, Philippines 2011 25-28
7th National Genetics Symposium, Splash Mountain Resort Hotel, Los Banos,
Laguna 2002 O
Center, University of Hawaii, Honolulu, Hawaii 2002 Ap 22-26
Workshop on the BPI (Bureau of Plant Industry) Risk Assessment Report for Food
Safety and the Codex, One Tagaytay Place, Tagaytay City 2001 Ag 22-23

Researches
Completed
Intraspecific Variation in Portulaca grandiflora (Hook) using Traditional and
Geomorphometric Analysis of Floral and Vegetative Characters (2011)
Intraspecific Variation in Portulaca grandiflora (Hook) using Traditional and
Geomorphometric Analysis of Floral and Vegetative Characters
Metal Accumulation of Biomass Derived from Cyanobacteria
Differential RNA Expression in Salttolerant and Metal-tolerant Microalgae
Genetic Characterization of Microalgal Isolates from Some Polluted Waters in the
Philippines

On-going
Multivariate Morphometry and Geomorphometric Analysis of Four
Commerci ally Cultivated Varieties of Coffee (Coffea) in the Philippines
Papers Presented


Publications


2010 De Guzman, M.C., Cao, E.P. Cadmium binding ability of the blue-green alga Hapalosiphon welwitschii Nâƒgel under controlled conditions. Philippine Science Letters, 2010;76 â€“ 86.


Name: Meinhard Bayani R. Cardenas

Place of Birth: Germany

Gender: Male

Civil Status: Single

Organizational Affiliations
Associate Professor and William T. Stokes Centennial Teaching Fellow, Dept. of Geological Sciences, Jackson School of Geosciences, University of Texas at Austin, Austin, Texas

Education
MS Geology (Hydrogeology), University of Nebraska-Lincoln, USA 2002
BS Geology, University of the Philippines, Diliman 1999
Ph.D. Earth and Env’t Science (Hydrology), New Mexico Institute of Mining and Technology, USA

Fields of Specialization
Surface Water-Ground Water Interactions at Various Spatial Scales using Field Methods and Modeling
Applied Hydrogeophysics and Thermal Remote Sensing
Heterogeneity and Architecture of Fluvial Deposits
Applications of environmental and artificial tracers
Multiphysics Transport Phenomena
Rivers/ Lakes/ Aquifers/ Caves and Karst
Hydrogeology and Hydrology

Employment
Teaching and Laboratory Assistant, University of Nebraska-Lincoln, 1999-2002-
Teaching Assistant, New Mexico Institute of Mining and Technology, Spring 2005-Fall an-
Research Assistant, New Mexico Bureau of Geology and Mineral Resourcse, 2002-2006-
Assistant Professor, The University of Texas at Austin, 2006-2010-

Honors / Awards
Hydrologic Sciences Early Career Award, American Geophysical Union (AGU) 2011
AGU Editors Citation for Excellence in Refereeing Water Resources Research, AGU 2011
American Geophysical Union (AGU) Hydrologic Sciences Early Career Award, AGU 2011
Top Referee Award, Journal of Hydrology (Elsevier) 2009
AGU Editors Citation for Excellence in Refereeing Geophysical Resources Research, AGU 2011
Balik Scientist Award, DOST 2008
Trainings

Coastal sediment as bio-geo-reactors powered by waves, Texas A & M University River Corridor Restoration Conference 2011

River Corridor Restoration Conference, (EAWAG: Swiss Federal Institute of Aquatic Science and Technology, Switzerland) 2011

Complex surface water-ground water interactions, University of Texas at Austin, Inst. of Geophysics

Researches

Completed

Current-topography driven exchange process between water columns and heterogeneous permeable sediments

Hydrodynamics of groundwater-surface water interactions in gaining and losing channels: an experimenta study

Measurement and ecological implications of multi-scale three-dimensional geomorphology-driven surface water-ground water connections at the Outdoor Stream Lab

Papers Presented


Cardenas, M.B.R. (2011). Detection and characterization of local to regional groundwater inputs to rivers, lakes and oceans with electrical imaging, American Geophysical Union Fall Meeting.


Cardena M.B.R. (2010). Effects of dam and on groundwater - surface ater interactions, University of Texas at San Antonio.


Cardenas, M.B.R. (2009). Towards the ‘hyporheic meter’-predicting hyporheic exchange from bedforms to bars to bends, European Geosciences Union, Vienna, Austria.

sediment using linked biogeochemical and hydrodynamic models, Max-Planck Institute for Marine Microbiology, Bremen, Germany.
interfaces: towards fundamental understanding and mechanistic predictions, American Geophysical Union Fall Meeting.

Cardenas, M.B.R. (). Complex surface water-ground water interactions revealed, University of Texas at Austin, Inst. of Geophysics- Texas, USA.

Cardenas, M.B.R. (). Exchange across the surface water-ground water interface from bedforms to bends to basins, University of Lancaster.

**Publications**


**Name**  Lawrence B. Dacuycuy  
**Date of Birth**  April 5, 1976  
**Gender**  Male  
**Civil Status**  Married  
**Home Address**  Rm 2824 Cityland Makati Executive Tower, De la Rosa St., Brgy. Pio del Pilar, Makati City  

**Organizational Affiliations**
- Assistant Professor, De La Salle University, Taft Ave., Manila  
- Chairman, Economics Department, De La Salle University, Manila  
- Associate Professor, DLSU, Taft Ave., Manila  

**Education**
- Ph D (Economics), Kyoto University, Japan 2006  
- MA (Economics), University of the Philippines, Diliman, Quezon City 2000  
- BS Economics, University of the Philippines, Diliman, Quezon City 1998  

**Fields of Specialization**
- Econometrics  
- Empirical Inequality Analysis  
- Economics  
- Macroeconomics  
- Semiparametric and nonparametric methods in labor econometrics, 

**Employment**
- Assistant Professor, De La Salle University, 2002 Je-2003 Ag-  
- Associate Professor, De La Salle University, 2007-present-  

**Association Membership**
- Member, Philippine Economic Society  
- Member, East Asian Economic Association  

**Honors / Awards**
- Outstanding Associate Professor, De La Salle University, Manila 2009 Jl 3  
- 2009 Outstanding Young Scientist (OYS) Award for Economics, National Academy of Science and Technology (NAST) 2009 Jl 9  

**Trainings**
- Workshop on Creating Quality Employment in Asia, ADB Headquarters 2011 My 17-18  
- Central Bank Macroeconomic Modeling Workshop, Manila Peninsula Hotel, Makati City on October 1 2010 O 19-20  
- 5th Advanced Summer School in Economics and Econometrics themed Semiparametric and Non-parametric E, University of Crete in Rethymno 2010  
- Applied Econometrics Seminar for the Analysis of Micro Data, Ronald Coase Institute and the Hong Kong University, Hong Kong, China 2008 D 8-11  
- Summer course entitled 'A primer in the estimation of Dynamic Stochastic General
A primer in the estimation of Dynamic Stochastic General Equilibrium (DSGE) models, Centro de Estudios Monetarios y Financieros (CEMFI), Madrid 2008 Ag 25-29

Researches

The incidence and character of disadvantaged employment in the Philippines

Completed

Validating wage functional froms

Covariate contributions to wage inequality: Counterfactual extensions and nonparametric inference

The migration of health professionals

Best practices in fostering migration opportunities: Do they work?

Documenting the time-series properties of Philippine Economic Aggregates: A Primer

Monetary neutrality and superneutrality: The Philippine case

On the covariance matrix estimation in double selection models

Parametric and semiparametric estimation and testing of age effects in selection models: The Philippine Case

On-going

Testing the specifications of a regression function: Differencing versus kernel-based tests

Papers Presented


Publications


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<tr>
<th>Year</th>
<th>Author(s)</th>
<th>Title</th>
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Dacuycuy, L.B. The migration of health professionals. ILO Asian Regional Programme on Governance of Labour Migration Working Paper No.7, Bangkok: ILO
<table>
<thead>
<tr>
<th>Name</th>
<th>Aurelio Alfonso Jr. Delos Reyes</th>
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<tbody>
<tr>
<td>Place of Birth</td>
<td>Sta Cruz, Laguna</td>
</tr>
<tr>
<td>Date of Birth</td>
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<td>Gender</td>
<td>Male</td>
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<td>Civil Status</td>
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<tr>
<td>Home Address</td>
<td>38 Gov. San Luis Ave., Jubileeville, Masaya Bay 4033, Laguna, Philippines</td>
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**Organizational Affiliations**

- Associate Professor 5, Land and Water Resources Division, Institute of Agricultural Engineering, UPLB, Laguna
- Scientist, Aquaculture Department, SEAFDEC, Tigbauan, Iloilo, Philippines 5021

**Education**

- PhD in Engineering Science Major in Biological and Agricultural Engineering, Louisiana State University (LSU), Baton Rouge, USA 1995
- Master in Engineering, Asian Institute of Technology (AIT), Bangkok, Thailand 1982
- B.S. Agricultural Engineering, University of the Philippines at Los Baños (UPLB), Laguna 1979

**Fields of Specialization**

- Aquaculture
- Agricultural Engineering

**Employment**

- Consultant and Team Leader, INTEM Consulting, Inc., Philippine Branch Office, 2004 F-Mr-
- Research Coordinator and Aquaculture Expert, Ministry of Agriculture, F.A.O., 2005 F-2007 D-
- Project Support Staff, DOST Engineering Research and Development for Technology, 2009 Ja 8- p-
- Editor, Philippine Journal of Agricultural and Biosystems Engineering and, 2009 Ja 6 - present)-
- Chairman, Department of Industrial Engineering, College of Engineering and Agro-Industrial Technology (CEAT), 2009 Ja 6 - present-
- Project Leader, AMDP, CEAT, UPLB, -
- Head, Land and Water Resources Division, Institute of Agricultural Engineering, -
- Associate Professor 5, Land and Water Resources Division, Institute of Agricultural Engineering, UPLB, Laguna, 2008 S 9 - present-
- Scientist I Subprogram Leader, Development of Environment-Friendly Aquaculture, 1999 Ag -2003 D-

**Honors / Awards**

- Outstanding Parents, Iloilo National High School Special Science Class 2002 Mr 12
- One of 100 Outstanding Alumni Award, 100th Foundation Anniversary Celebration, Sta. Cruz Laguna 2002 Mr 8
Trainings

The Regional Seminar-Workshop on Mangrove-Friendly Shrimp Aquaculture, SEAFDEC, Bangkok, Thailand 2003 Je 24-27

JIRCAS International Workshop: Studies on Sustainable Production Systems of Aquatic Animals in Brack, Japan International Research Center for Agricultural Sciences, Tsukuba, Japan 2002


ASEAN-SEAFDEC Conference on Sustainable Fisheries for Food Security in the New Millennium, Bangkok, Thailand 2001 N 19-24


Researches

Intensive tank culture method for Nile tilapia (Oreochromis niloticus) using lake water as an alternative water source.

Completed

A combined upflow and fluidized sand filter for recirculating systems

Nitrification performance of a bubble-washed bead filter for combined solids removal and biological filtration in a recirculating aquaculture system

Generation and management of wastewater in an alligator farm

Performance of a commercial scale recirculating alligator production system employing a paddle-washed floating bead filter

Combination of a bead filter and rotating biological contactor in a recirculating fish culture system

On-going

As Project leader: Performance evaluation of a recirculating brood stock system for milkfish Integrated recirculating tank culture of grouper and seaweed

Meiobenthos as possible indicator of nutrient and organic matter levels in aquaculture systems

On-going (Co-Proponent)

Capacity of mangroves to process shrimp pond effluents. The fate of uneaten feeds in milkfish farming in the Philippines

Papers Presented


Delos Reyes, A.A. Jr. (2002 Ag 8). Integrated recirculating tank culture of grouper and seaweed, Aquaculture Department, SEAFDEC, Tigbauan, Iloilo.

Publications


Congress on Philippine Lakes (LakeCon 2003), Los Baños, Laguna, Philippines, 2005:205-213.


2002 Delos Reyes, A.A. Jr. Recirculating aquaculture systems: experiences, concepts,

Name: Patricio S. Faylon
Date of Birth: 17 March 1951
Gender: Male
Civil Status: Married
Home Address: Orchard Drive, Marymount Village Los Baños, Laguna, 4030 Philippines

Organizational Affiliations
- Executive Director, PCARRD-DOST, Los Baños, Laguna
- OIC, Office of the Executive Director, PCAMRD-DOST, Los Baños, Laguna

Education
- Executive Leadership Program, Career Executive Service Board, Philippines 1995
- Managing Bureaucracy for Results, Program for Senior Government Executives, Career Executive Service Board, Philippines 1989
- Doctor of Philosophy in Ruminant Nutrition and Physiology/Meat Processing/Forage and Pasture, University of the Philippines Los Baños (UPLB), College, Laguna, Philippines 1981
- Master of Science in Ruminant Nutrition/Production Economics, University of Illinois, Champaign-Urbana, IL, USA 1976
- Bachelor of Science in Agriculture (Swine Production/Agricultural Business Management), University of the Philippines Los Baños (UPLB), College, Laguna, Philippines 1972

Fields of Specialization
- Agriculture and Forestry
- Animal Science Research Management

Employment
- Executive Director, Livestock Development Council, Department of Agriculture, 1998 Jul 15-1999 Ago 15
- Program Director, Maka-MASA-Livestock Program, Department of Agriculture, 1998 Jul 15-1999 Ago 15
- Executive Director, Minimum Access Volume (MAV), Department of Agriculture, 1998 Ago - 1999 Ago
- Director, Livestock Research Division, PCARRD-DOST, 1985 Ago - 1998 Jul
- Acting Deputy Executive Director for Research and Development, PCARRD-DOST, 1992 Mr - 1993 Ap
- National Professional Project Officer, Food and Agriculture Organization (FAO), 1990 Jul - 1992 D
- Visiting Assistant Professor, Visiting Associate Professor, Institute of Animal Science University of the Philippines Los Baños (UPLB), 1988 Je - 1996 D
- National Team Leader, Beef & Chevon Commodities R & D Team, PCARRD-DOST, 1986 Ja - 1987 D
- Acting Director, Livestock Research Division, PCARRD-DOST, 1984 Ja - 1985 Jul
Assistant Director and Concurrent Officer-in-Charge, International Projects Department, PCARRD-DOST, 1982 D - 1984 Ja
Assistant Director, Livestock Research Department, PCARRD-DOST, 1981 Ji - 1982 N
Senior Subject Matter Specialist, PCARRD-DOST, 1976 Ja - 1979 N
Program Specialist, PCARRD-DOST, 1973 O - 1974 N
Research Assistant, College of Agriculture, University of the Philippines Los Baños, 1972 Je - 1972 D

Association Membership

Member, National Research Council of the Philippines (NRCP)
President, UPLB College of Agriculture Alumni Association (UPLB CA-AA)
Member, Board of the UPLB Alumni Association
Member, Nat'l. Tech. Comm. of IRR of E.O. 481 for the Promo. & Devt. of Organic Agriculture in the Phil.
DOST Focal Person, Agriculture National Food Summit
Member, Special Committee for the Selection of Outstanding DOST Scholars
Chairman, Technical Working Group on the CHED Outstanding Extension Program/Project Awards
Chairman, Search Committee for Abra State Institute of Sciences and Technology (ASIST) Presidency
Chairman, Search Committee for Camarines Sur State College of Agriculture (CSSAC) Presidency
Chairman, Search Committee for Batangas State University (BSU) Presidency
Member, UPLB College of Agriculture Alumni Association (UPLBCAAA)
President, UPLB College of Agriculture Alumni Association
Member, Search Committee for Outstanding Citizens of Los Baños
Secretary, Los Baños Science Community Foundation, Inc. (LBSCFI)
Member, Screening Com of the CY 2005 10 Outstanding Students of the Phil. (Agri, Science & Math)
Member, DOST-Change Management Team
Member, Asia-Pacific Association of Agricultural Research Institutions (APAARI)
Member, Steering/Organizing Committee of the International Year of Rice (IYR 2004) Philippine Celebration
Member, Implementation of the DOST-JSPS Joint Scientific Cooperation Program
Member, DOST Inter-Council Committee Policy Group
Member, Natl Steering Com of the Sustainable Agri & Rural Devt-Farming Sys Evolution (SARD-FSE) Project
Member, DA Secretary?s Technical Working Group
Member, National Mango Action Team and Technical Working Group
Member, Steering Committee for Philippine Agriculture & Fisheries BIOTECH Program
Member, Board of Trustees of the Philippine Rice Research Institute, DA-Philippines
Member, Policy Advisory Council of the Australian Centre for International Agricultural Research (ACIAR)

Member, Committee of the Underutilised Tropical Fruits for Asia-Pacific Network (UTFANET)

Member, Executive Committee (ExeCom), DOST, Taguig, Manila

Member, DOST-wide Honoraria Committee

Member, DOST Screening Com on Certification of Eligibility for Non-DOST S&T Personnel under IRR RA 8439

Member, DOST Ad Hoc Com to Draft a Performance Evaluation Sys, for Scientists under Scientific Career Sys

Member, DOST Committee on Scientific Career Evaluation/SCC-Evaluation & Special Technical Committees

Chairman, Regional Network on Plant Genetic Res (based at Int'l Plant Genetic Resources Ins, Malaysia)

Member, Plan Com, Phil Medium Term Devt Plan-Agri, Environment & Nat Resources & Agrarian Reform Chapter

Member, DOST S&T Human Resource Development Technical Working Group

Member, DOST Balik-Scientist Evaluation Committee

Alternate Member, National Land Use Commission (NLUC) Proper and Technical Working Group

Philippine representative, Global Project on Livestock Policy (based at FAO-RACO for Southeast Asia)

Member, Tech Advisory Com of the Food and Fertilizer Technology Center for the Asian and Pacific Region

Member, Board of Trustees of the Plant Resources of South-East Asia Network (PROSEA)

Member, Council for Partnership in Rice Research in Asia (based in IRRI, Philippines)

Chairman, Steering Com SANREM CRSP/SEA Lantapan Proj (Phil-USAID) Prog on Sustainable Agri, Nat. Res Mngt)

Member, GAWAD SAPAT ANI 2000 National Technical & Regional Search Committee

Chairman, Council for Partnership in Rice Research in Asia (based in IRRI, Philippines)

Member, Advisory Committee of the Asian Maize (Corn) Biotechnology Network (based at CIMMYT, Mexico)

Member, Executive Committee, Asia-Pacific Association of Agricultural Research Institutions (APAARI)

Member, Advisory Committee of the Cereal and Legumes Network (based at ICRISAT, India)

Philippine representative, Asia-Pacific Assn of Agriculture Research Ins (APAARI) & Global Forum for Agri Research (GFAR)

Member, Academic Consultative Committee, SEARCA, Philippines

Member, Board of Trustee of the Plant Genetic Resources, Foundation (based at Bogor, Indonesia)
Member, PCARRD Governing Council
Chairman, PCARRD Technical Advisory Committee
Member, Advisory Committee of the Agricultural Machinery Testing and Evaluation Center (AMTEC)
Member, Program Management Board and Furniture, Handicraft Industries R&D Program, FPRDI
Member, Advisory Council of Crop-livestock Research Network for Asia
Council Member, Livestock Development Council, DA-Philippines
Member, Gamma Sigma Delta Honor Society, UPLB Chapter
Member, Philippine Society of Animal Science (PSAS), National Chapter
Member, Philippine Society of Animal Nutritionist (PHILSAN)
Charter Member, Association of Professional in Animal Production

Honors / Awards
Research Leadership Excellence Award, Philippine Association of Research Managers, Inc. (PHILARM) 2006 Ap
CESO Rank II, CESB 2007 O 30
CESO Rank III, CESB
Career Service Professional, CSC 1976 My
Research Management Award, Crop Science Society of the Philippines (CSSP) 2006 My
Pisang Rajah Award, Int'l Network for Improvement of Banana & Plantain (INIBAP) & Banana Asia Pacific Network (BAPNET) 2005 O 14
Outstanding Citizen for Science and Technology, 2005 S
Distinguished Alumnus Award for Management of R/DE Programs, UPLB-CA 2002 O
Most Distinguished Fellow (Highest Award), PSAS 1997
Animal Science Professional Extension Award, PSAS 1995
Outstanding Young Man in Animal Science, PSAS 1985
Fullbright-Hays Scholarship Grant, Michigan State University 1981
PCARRD Scholarship Grant (Ph.D. Program), UPLB 1977
Perkinson Pork Farm/University of Illinois Scholarship Grant, University of Illinois 1976

Trainings
International Conference on Food Security During Challenging Times, University Putra Malaysia, Serdang, Selangor, Malaysia 2010 Jl 5-7
Coconut Productivity Resource Forum, EDSA Shangrila Hotel, Makati City 2008 Ag 8
Regional Training Course on Extension Methodologies for the Improvement of SFBPS, CEC, UPLB, Laguna 1987 O 19-N 6
Regional Integrated R & D Review and Planning Workshop, BSU, La Trinidad, Benguet 1987 Jl 5-7
Crop-Livestock Systems Research Workshop, ARRO-IRRI-PCARRD, Sta Barbara, Pangasinan 1985 F 27-Mr 2
Evaluation of the Different Buffalo Genotypes (Carabao Action Project in the Provinces), Kuala Lumpur, Malaysia 1985 D 2-11
PCARRD-SERD Seminar on Economic Data Requirements and Analysis for Experiments, Los Baños, Laguna 1982 S 1-2
Regional Organic Farming Workshop, Iloilo City 1982 O 28-30
Research Methods and Techniques in Animal Science, RMC-UPLB, College, Laguna 1982 Mr 22-26
MSSRF-FAO Expert Consultation on Implementing the Farmer's Rights for Conservation and Utilization, bb
First National Conference-Workshop on Agri-biotechnology for Corn, UP Diliman, Quezon City
International Seminar on Technologies for Good Agricultural Practices in the Asian and Pacific Region, mm
Expert Consultation on Agricultural Extension, Research-Extension-Farmer Interface and Technology Transfer, bb
Agricultural Colleges Association of the Philippines (ACAP) Biennial Convention, Pampanga Agricultura
APAARI and JIRCAS Symposium on Global Climate Change: Imperatives for Agricultural Research in Asia, nn
Technology generation, verification, packaging and dissemination for improved carabao beef production,
First National Conference-Workshop on Agri-biotechnology for Corn, UP Diliman, Quezon City

Researches

Completed
Opportunities, Learnings and Priority Projects on Integrated Crop-Livestock Production and R&D Program

Papers Presented


Faylon, P.S. (2001). East and Southeast Asia Regional Priority Setting: Toward enhancing agricultural productivity and sustainability, 6th Executive Committee Meeting of APAARI and Expert Consultation on Regional Priority Setting for Agricultural Research for Development in the Asia-Pacific Region.


Faylon, P.S. (2000). Research and Development (R&D) Directions in the New Millennium, Academic Forum, 19th DMMSU University Foundation Anniversary,


Faylon, P.S., Deriquito, M.R. (1986 O 5-26). Beef and Milk Production in the
Philippines, 6th FAO Regional Training Course on Tropical Pasture Production for the High Rainfall Tropics of S.E. Asia, CEC, UPLB.


Faylon P.S. (1982 Ag 6). PCARRD's technology transfer systems to improved goat production, Graduate Seminar, Dept. of Animal Science, UPLB.


Publications


Manuel Mariano Garcia
Dumaguete City
November 24, 1938
Male
Married
26 Castlehorpe Crescent, Ottawa, Ontario, Canada
International Consultant, Gar-Del International/ Food Development Center,
Ph.D. in Microbiology, University of Guelph, Guelph, Ontario, Canada 1967
MS in Soils, UP College of Agriculture, College, Laguna 1962
B.S. Agriculture, UP College of Agriculture, College, Laguna 1959
Food Standards
Preharvest Food Safety
Animal Health Programs
Microbiology
Research Instructor, Soils Department, UP College of Agriculture, 1960-1962
Research Scientist, Agriculture and Agri-Food Canada, Nepean, Ontario, 1967-1997
Fellowship, University of the Philippines 1960-1962
Scholarship Competition, National Development Board 1963
Scholarship Competition, Fulbright-Smithmuntz 1963
Scholarship (Dean's Grant), National Research Council of Canada 1965-1967
In "American Men of Science", 1969
Outstanding Filipinos in Canada, Mabuhay Award in Science, 1972
Outstanding Filipinos Overseas Presidential Award in Agriculture, DOT-Jaycees 1977
Outstanding Alumnus Award, St Paul College Diamond Anniversary 1980
Elected to Sigma Xi Research Society, 1984
Most Outstanding University of the Philippines Alumnus in Canada, 1985
Research Scientist Award, Agriculture and Agri-Food Canada 1986
UNDP-TOKTEN Award, 1993
Chosen International Expert to Review China's Animal Quarantine Law, 1994
Filipino Achievers in the U.S. and Canada, Isabelo Crisostomo 1996
Outstanding Filipino Overseas Presidential Pamana Award, 1998
Distinguished Alumni Award, University of Los Banos 1999
ESEP Graduate for IBS, UPLB, 1988
Distinguished Alumni Award, University of the Philippines Los Banos 1999
Balik Scientist Award, DOST 2004
Balik Scientist Award, DOST 2010

Trainings

Symposium on Advance rapid Tests and Automation in Food Microbiology, Metro, Manila Phil. 2007
China Animal and Plant Inspection and Quarantine, Nanjing China 2007
Chinese Academy of Inspection and Quarantine, Beijing, China 2006
Annual Convention of PSM, Davao, City 2005
Philippine Association of Food Technologists, Manila 2004
1st International Workshop on ATP Bioluminescence, Mexixo, City 2003
ASEAN International Food Conference, Manila 2000
Primer Congreso International de Microbial Industrial, Universidad de Javeriana, Santafe de Bogota, Colombia 1998
4th Asia Pacific Food Analysis Conference, Chiang Mai, Thailand 1998
5th Food Analysis Workshop of the Asia Pacific Food Analysis, Network, Brisbane, Australia 1997
Interdepartmental Committee on Agri-Food Safety, Ottawa, Canada 1996
4th Food Analysis Workshop of the Asia Pacific Food Analysis Network, Brisbane, Australia 1996
Australian Institute of Food Science and Technology, Gold Coast, Australia 1996
Seminar International de Infectologia Bovina, Santafe de Bogata, Colombia 1996
Philippine Society for Microbiology Annual Meeting, Cagayan, De Oro City 1995
3rd International Conf Asia-Pacific Food Analysis Network, Metro, Manila Phil. 1995
Health Canada Workshop on Risk Analysis for Raw Foods, Ottawa, Canada 1995
Pan American Collaborative Workshop on Rapid Tests in Microbiology, Hermosillo, Mexico 1994
44th Can Animal Dis Conference, Nepean, Ontario 1994
4th AAFC Joint Meeting in Agri-Food Safety Research, ADRI, Nepean, Ontario, Canada 1994
3rd AGCAN Joint Meeting in Agri-Food Safety Research, ADRI, Nepean, Ontario, Canada 1993
2nd Agri Can Joint Meeting in Agri-Food Safety Research, ADRI, Nepean, Ontario 1992
Seminar on Campylobacters and food safety, St. Mary Hospital, University Hongkong 1991
Joint Seminar of Institute of Microbiology, Valdivia, Chile 1988
4th International Workshop on campylobacter Infections, Goteborg, Sweden 1987
65th Annual Workshop on Campylobacter infections, Ottawa, Canada 1985
Brucellosis Symposium, ADRI, Agriculture Canada, Nepean Ontario 1985
Canadian Society of Microbiologists, Kingston, Ontario 1984
2nd International Workshop on Campylobacter infections, Brussels, Belgium 1983
Canadian Society of Microbiologists, Victoria, B.C 1980
12th International Congress of Microbiologist, Munich, Germany 1978
ASM 74th Annual Meeting, Chicago, Ill 1974
Canadian Society of Microbiologists, Edmonton, Alberta 1973
Canadian Veterinary Annual Meeting, Ottawa, ON 1969
67th Annual Meeting, American Society for Microbiology, New York, N.Y 1967

Papers Presented


Tsang, R.S., Nielsen, K.H., Brooks, B. et. al. (1993). Comparative Immunomicroscopic Studies of Anti-Salmonella LPS and Anti-Campylobacter LPS monoclonal Antibodies Implications for Diagnostic Applications, 3rd AGCAN Joint Meeting in Agri-Food Safety Research, ADRI, Nepean, Canada.


International Workshop on Campylobacter infections, Goteborg, Sweden.


Garcia, M.M. (). Predictive Microbiology and Modeling Applications in Food Safety, 30th Annual Philippine Society for Microbiology Convention.

Garcia, M.M. (). Microbiological Food Safety Of Fresh Produce: Emerging Global Concerns and Economic Implications, 1st International Postharvest Horticultural Conference and Exhibition, Manila.

Publications


1988 Lammerding, A.M., Garcia, M.M., Mann, E.D., Robinson, Y., Dorward, W.J.,


Name: Victoria Pecho Chavez-Lapitan
Place of Birth: Tanauan, Batangas City
Date of Birth: August 26, 1962
Gender: Female
Civil Status: Married
Home Address: MP Farm, Tagpuan St., Bayog, Los Banos 4030, Laguna

Organizational Affiliations
Senior Science Research Specialist, Philippine Rice Research Institute - Los Baños, Pili Drive, UPLB Campus, College 4031, Laguna

Education
PhD in Agricultural Science, United Graduate School of Agricultural Sciences, Graduate School of Iwate University, Japan 2005 - 2009 S
Ph.D. in Agronomy (6 units earned), University of the Philippines - Los Baños, College 4031, Laguna 2002 - 2003
MS Agronomy (Crop Physiology), University of the Philippines at Los Baños, College 4031, Laguna 1992 - 1997
BS Agriculture (Agronomy), University of the Philippines - Los Baños, College 4031, Laguna 1980 - 1985
Secondary, Tanauan Institute, Tanauan, Batangas 1975 - 1979
Elementary, Sambat Elementary School, Sambat, Tanauan, Batangas 1969 - 1975

Fields of Specialization
Microtechnique i.e. organ, anther, embryo, callus, meristem, cell tissue and protoplast culture
Agriculture
Agronomy

Employment
Science Research Specialist II, Philippine Rice Research Institute - Los Baños, 1999 F 16 - Je 30
Science Research Specialist I, Philippine Rice Research Institute - Los Baños, 1996 Ja 1-1999 F 15
Research Fellow, Philippine Rice Research Institute - Los Baños, 1995 Ja1-1995 D 31
University Research Associate II, IPB, UPLB-AVRDC and DOST funded projects, 1991 F 16-1994 D31
University Research Associate I, IPB, UPLB - Israel Govt Funded Project, 1989 N 1-1991 F 15
Research Assistant III, IPB, UPLB - Israel Govt. funded project, 1988 Ja1-1989 O31
Research Assistant II, IPB-UPLB-PCARRD funded project, 1987 Ja1-1987 D31
Research Assistant I, IPB, UPLB-PCARRD funded project, 1986 Je1-1986 D31
Assistant Farm Supervisor, Beam Seed Co., Inc., 1995, O1-1986, My31
Student Assistant, IRRI, Los Baños, 1984 Ja3-1985 F 28
Association Membership

Member, Gamma Sigma Delta, The Honor Society of Agriculture
Secretary, Crop Science Society of the Philippines (CSSP)
Member, Philippines Association for Plant Tissue Culture (PAPTC)
Secretary, Federation of Crop Science Societies of the Philippines (FCSSP)
Acting Secretary, Asian Crop Science Association (ACSA)
Member, Philippine Society for Biotechnology and Molecular Biology (PSBMB)
Member, University of the Philippine Society of Agronomy Major Students (UPHILSAMS)
Member, Sigma Alpha Sorority (Agie Chapter)
Secretary, Hasik Bagong Buhay Christian Ministry

Honors / Awards

Valedictorian, Sambat Elementary School 1975
Outstanding Research & Dev't Award for Basic Research (Eduardo A. Quisumbing Medal), DOST-NAST 2010 Jl 19
CSSP Finalist for Best Paper, CSSP 2010 Mr 15-20
Scholarship Award, Japan Society for the Promotion of Science (JSPS) RONPAKU (Ph.D. Dissertation) 2005 Ap - 2009 S
Scholarship Award, PhilRice 2006 Je - 2009 Ap
Scholarship Award, IRRI 2006 Ap - 2009 D
Scientific Productivity Award, ISI Journal 2008 & 2009
1st Runner-Up, PSBMB Best Poster, PSBMB 1999
PAPTC Best Paper, PAPTC 1999
New Genetic Material, Genetic Resources Registration Office 1995
Outstanding Research Team, UPLB 1994 Mr 3
CSSP Finalist for Best Paper, FCSSP 199 N 7-9
Best Research Team, IPB 1989 N 8-10
UP System Presidential Award for Outstanding Research Team, University of the Philippines, Diliman 1987 Je 17
Outstanding Research Team, IPB 1987 Je 5

Trainings

40th Scientific Conference of CSSP, Grand Regal Hotel, Davao City 2010 Mr 15-20
6th International Rice Genetics Symposium, Manila Hotel, Manila, Philippines 2009, N 16-19
Study Visit in Japan thru the Japan Society for Promo of Science RONPAKU (PhD Dissertation) Prog, Japan 2009 Ag 3-27
Study Visit in Japan thru the Japan Society for the Promo of Science RONPAKU (PhD Dissertation) Prog, Japan 2008 S15 - D 13
Japanese Breeding Meeting, Shiga Prefectural University, Hikone-ken, Japan 2008 O 10-12
Study Visit in Japan thru the Japan Society for Promo of Science RONPAKU (PhD Dissertation) Prog., Japan 2007 S 3 - D 1
Japanese Breeding Meeting, Faculty of Agriculture, Yamagata University, Tsuruoka, Japan, 2007 S 22-23
Study Visit in Japan thru the Japan Society for Promo of Science RONPAKU (PhD Dissertation) Prog, Japan 2006 S 4 - D 2
Japanese Breeding Meeting, Matsuyama City, Japan 2006 S 21-23
18th FCSSP Scientific Conference, Lapasan, Cagayan de Oro City 2005 My 2-6
SABRAO Scientific Congress, International Convention Center, Tsukuba, Japan 2005 Ag
Study Visit in Japan thru the Japan Society for Promo of Science RONPAKU (PhD Dissertation) Prog, Japan 2005 Je13 - S 10
4th International Crop Science Conference (4ICSC), Brisbane, Australia, 2004 S 26 - O 1
35th Scientific Conference of CSSP, Waterfront Insular Hotel, Lanang, Davao City 2004 Mr 8-12
Training Workshop on Project Planning, Monitoring and Evaluation, PhilRice-Maligaya, Science City of Muñoz, Nueva Ecija 2002 Mr 6-8
Symposium of Bt Technology: Facts and Issues, SEARCA Umali Auditorium 2002 Mr 5
Workshop on Bacterial Blight of Rice, PhilRice-Los Baños 2002 F 15
Convention Year 2002 of PAPTC, Development Academy of the Philippines, Tagaytay City 2002 O 21-25
Integrating & Enhancing the Research Priority Setting for Agri Biotech in the Phils. Workshop I, SEARCA, Los Baños, Laguna 1999 D 10
Introductory Training Course on Plant Biotechnology, PhilRice-Maligaya 1999 My 24-28
15th Annual Scientific Conference of FCSSP, Family Country Hotel Convention Centre, General Santos City 1999 My 10-15
World Food Security and Crop Production Technologies for Tomorrow, Kyoto, Japan 1998 O 7-9
Frontier Research of Plant Genome Functions, an International Symposium sponsored by NIAR/COE, Tokyo, Japan 1998 O 20-21
Biotech under JICA Project, MAFF, Tsukuba, Ibaraki, Japan 1998 Je15 - D 22
Cultural Exchange Prog sponsored by Japan Oversees Cooperation Volunteers (JOCV), Nagasaka, Nagata, Nihonmatsu, Fukushima, Japan 1998 O 31
11th National Rice R&D Review and Planning Workshop, PhilRice-Maligaya, Nueva Ecija 1998 Mr
13th Annual Scientific Conference of FCSSP, Hotel Supreme, Baguio City 1997 My 25-29
12th Annual Scientific Conference of FCSSP, Villa Victoria Beach Resort, Davao City 1996 My 13-18

9th National Rice R & D Review and Planning Workshop, PhilRice-Maligaya, Muñoz, Nueva Ecija 1996 Mr 5-7

3rd International Rice Genetics Symposium, EDSA Plaza Hotel, Manila, Philippines 1995 O 16-20

10th Annual Scientific Conference of FCSSP, Asia World Resort Hotel, Puerto Princesa, Palawan 1994 My 16-20

16th Annual Scientific Meeting of the National Academy of Science and Technology, PICC, Manila 1994JI 13-14

Training on Youth Research Apprenticeship Program (YRAP) Research Supervisor, IPB, UP Los Baños 1994 My 1-31

15th Annual Scientific Meeting of the National Academy of Science and Technology, PICC, Manila 1993, Ji 7-8

9th Annual Scientific Conference of FCSSP, Aklan State College of Agriculture, Banga, Aklan, 1993 My 10-14


14th Annual Scientific Meeting of the National Academy of Science and Technology, PICC, Manila 1992 Je 24

8th Annual Scientific Conference of FCSSP, Western Mindanao State University, Zamboanga City 1992 My 24-29

Symposium on Biotechnology: Prospects and Environmental Concerns, Entomology Lecture Hall, UP Los Baños 1992 F 26

7th Annual Scientific Conference of FCSSP, Bureau of Soils and Water Management Diliman, Quezon City 1991 N 7-9

Seminar on Perkin Elmer DNA Thermal Cycler (PCR Technology), Hotel Nikko Manila Garden 1991 N 29

13th Annual Scientific Meeting of the National Academy of Science and Technology, PICC, Manila 1991 Ji 9-10

9th Vegetable Planning Workshop, IPB, CA, UP Los Baños, College, Laguna 1990 O 24-26

1st Cellular and Molecular Plant Biology Workshop, IPB, CA, UPLB, College, Laguna 1990 O 19 & 23

8th Vegetable Planning Workshop, IPB, CA, UP Los Baños, College, Laguna 1989 N 8-10

7th Vegetable Planning Workshop, IPB, CA, UPLB, College, Laguna 1989 N 8-10

Hybrid Rice Production Training Course for Technical Personnel, PhilRice-Maligaya 1989 Ja 1-31

Plant Tissue Culture Training - Resource person, IPB, UP Los Baños 1989 Ja 1-31


1st National Symposium on Plant Tissue Culture in Philippine Agriculture and Forestry, IPB, UP Los Baños, College, Laguna 1988 My 26-28

Seminar on Integrated Pest Management on Citrus, Bureau of Plant Industry, Lipa
Seminar-Workshop on Organizational Self-Renewal, IPB, CA, UP Los Baños, Research Management Center, College of Economic and Management, UP Los Baños 1987 S 28 - O 2

6th National Fruit Symposium, Department of Agriculture-7 Regional Office Compound, Velez, Cebu City 1987 S 24-26


1st Annual Scientific Conference of FCSSP, Central Luzon State University, Muñoz, Nueva Ecija 1985 My 7-10

Papers Presented


Lapitan, V.C., Redona, E.D., Abe, T., and Brar, D.S. (2008). Molecular and morphological evaluation of doubled haploid (DH) lines derived from anther culture of indica (PSB Rc10) x japonica (Nipponbare) rice hybrids., Japanese Breeding Meeting, Shiga Prefectural University, Hikone-ken, Japan.

Lapitan, V.C., Redoña, E.D., Brar, D.S., and Abe T., (2007). Production and characterization of doubled haploid lines from the cross of indica (PSB Rc10) x japonica (Nipponbare) in rice, Japanese Breeding Meeting, Faculty of Agriculture, Yamagata University, Tsuruoka, Japan.


Lapitan, V.P.C., Pateña, L.F., Rasco-Gaunt, S.M., Bariring, A.L., and Barba, R.C. (1997). Seed production and in vitro conservation systems for garlic and shallot,


Chavez, V.P., Mendoza, T.C. (1985). Seed quality of three field legumes as affected by sugarcane intercropping, 1st Annual Scientific Conference of FCSSP, Central Luzon State University, Nueva Ecija.


Lapitan, V.P.C., Del Rosario, D.A., Sumaque, A., Zamora, A.B. (). Improvement of salt tolerance in tomato, Tissue Culture Networking/Workshop Meeting, Davis, California.

**Publications**


<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Journal and Volume</th>
<th>Page(s)</th>
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</thead>
<tbody>
<tr>
<td>1986</td>
<td>Chavez, V.P., Mendoza, T.C.</td>
<td>Seed quality of three field legumes as affected by sugarcane intercropping.</td>
<td>Philippine Journal of Crop Science, 1986, 11(1)</td>
<td>61 - 66</td>
</tr>
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<td>1985</td>
<td>Chavez, V.P.</td>
<td>Yield and yield component of three field legumes as affected by sugarcane intercropping.</td>
<td>BS Thesis. University of the Philippines Los Baños,</td>
<td>1985</td>
</tr>
</tbody>
</table>
Name  Auxencia A. Limjap  
Gender  Female  
Civil Status  Single  

Organizational Affiliations  
Associate Professor 5, De La Salle University, Taft Ave., Manila  
Chairperson, Science Education Department, De La Salle University, Andrew Building 1608, DLSU, Taft Avenue, Manila  
Chairperson, Science Education Dept., De La Salle University, Taft Ave., Manila  

Education  
Ph.D. in Science Education, DLSU, Taft Ave., Malate, Manila 1996  

Fields of Specialization  
Educational, Government and International Policies  
Mathematics and Science Education  

Association Membership  
Member, National Research Council of the Philippines (NRCP)  

Honors / Awards  
Best Paper Award 'Students' Conceptual Understanding..., CLSU, Science City of Muñoz, Nueva Ecija 2009 My 29  
Most Outstanding UST-EHS Alumni or Totus Tuus Award, UST Education High School and UST EHS General Alumni Association ,Inc. 2009  
Outstanding Paper Award during EASE Biennial Conference held in Howard International House, Taipei, T, 1st East-Asian Science Education 2009 O 21-23  

Trainings  
OSAKA-DLSU Science and Technology Congress 2009, De La Salle University, Manila 2009 S 21-23  
1st Philippine Conference on ICT in Teacher Education, De La Salle University, Manila 2009 O 26-31  
7th Biennial Conference of the Philippine council of Mathematics Teacher Educators,MATHED, Inc., Palawan State University 2009 O 23-24  
1st East Asian Science Educational Biennial Conference, Howard International House, Taipei,Taiwan 2009 O 21-23  
MSP 2009 Annual Convention, Mindanao University of Science and Technology, Cagayan De Oro City 2009 My 21-22  

Researches  
Completed  
Towards Transformative Teaching and Learning in the College of Education: The Training Design and Modules  
Introduction to Set Theory and Logic  
An Exploratory Investigation of the Mathematical Thinking of Students in Trigonometry  
Developing Conceptual Understanding of the Limit of a Function in Introductory Calculus
Filipino Students’ Use of Metacognitive Skills in Mathematical Problem Solving: An Emergent Model

Content and Language Integrated Learning

An Analysis of the Mathematical Thinking of Selected Pupils in Jaime Hilario Integrated School, Bagac, Bataan

Readiness of the Teacher Education Institutes (TEIs) in Implementing the New Teacher Education Curriculum (NTEC) in Mathematical Education

Ongoing

Evaluating the Implementation and Effectiveness of GIS-Based Environment Laboratory Activities in GE Classes

Unfolding Teachers’ and Students’ Beliefs on Learning and Teaching and their Lived Teaching Experiences: Towards an Effective Teacher Development Program

Papers Presented


Limjap, A.A. (2009 My 21-22). Problem-Based Learning and Change in Students' Conceptual Understanding of Fractions, MSP 2009 Annual Convention, Mindanao University of Science and Technology, Cagayan De Oro.


Limjap, A.A. (2009 Ag 26). Metacognitive Skills And Beliefs About Problem Solving of Selected Preservice Mathematics Teachers, 46th Annual Convention of the Psychological Association of the Philippines, Siliman University, Dumaguete City.

Publications


2010 Palmario, C.F., Ong Keh, T.A., Sia, R.J., Limjap, A.A. An Investigation of Pattern Recognition Skills of Selected First Year High School Students. 15th Osaka


<table>
<thead>
<tr>
<th><strong>Name</strong></th>
<th>Jose Ernie C. Lope</th>
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<td><strong>Place of Birth</strong></td>
<td>Maasin, Iloilo</td>
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<tr>
<td><strong>Date of Birth</strong></td>
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<td><strong>Gender</strong></td>
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<tr>
<td><strong>Home Address</strong></td>
<td>JB4-203 Hardin ng Aurora E. Jacinto St., UP Campus, Quezon City</td>
</tr>
</tbody>
</table>

**Organizational Affiliations**

Department of Mathematics, College of Science, University of the Philippines, Diliman, Quezon City

**Education**

- PhD. in Mathematics, Sophia University, Chiyoda-ku, Tokyo, Japan 2001
- M.S. in Mathematics, Sophia University, Chiyoda-ku, Tokyo, Japan 1998
- B.S. in Mathematics (Summa Cum Laude), University of the Philippines - Diliman, Quezon City, Philippines 1994

**Fields of Specialization**

- Mathematics
- Physics

**Honors / Awards**

- 1st Place, Du Pont Talent Search for Young Scientist, NAST 2002
- Postdoctoral Research Grant, Austrian Exchange Service (OAD) 2003 - 2004
- National Champion, Philippine Mathematics Olympiad 1991
- Honorable Mention, International Mathematics Olympiad 1991
- Winner, Search for the Math Wizard, UP Diliman
- Science Award, Bank of the Philippine Island (BPI) 1994
- Scholarship Grant, Department of Science and Technology (DOST) 1991 - 1994
- Scholarship Grant, Japanese Ministry of Education 1995 - 2001
- Travel Grant for Young Mathematicians, International Mathematical Union (IMU) 2002
- Outstanding Young Scientist (Mathematics), NAST-DOST 2006

**Trainings**

- Workshop on Applied Mathematics, Chugnam National University, Korea 2005
- Microlocal Analysis and Related Topics, RIMS, Kyoto University, Japan 2004
- SEAM-GMU Conference on Mathematics and Its Applications, Gadjah Mada University, Indonesia 2003
Mathematical Society of the Philippines Annual Convention, Ateneo de Manila University, Quezon City, Philippines 2002 My 25-26
4th Sino-Philippines Mathematics Symposium, Fu Jen Catholic University (Taiwan) 2002 Mr 20-24
Workshop 1999 Partial Differential Equations, Potsdam University, Germany 1999 Jl 19-23

Researches

On-going
Analysis and implementation of a fourth-order multigrid method for solving the laplace equation
Structure of solutions of a volevic system of singular equations
Solvability of a degenerate elliptic equation related to mean curvature flow
Unique solvability of totally characteristics equations with several space variables
Comparison of image analysis techniques to describe coral reef cover at the hundred islands, Philippines

Papers Presented
Lope, J.E.C. (2004 Ag 17-20). Volevic system of singular equations with general singularity, Degenerate PDEs and Singular Geometries, Potsdam university, Germany.
Lope, J.E.C. (2002 My 25-26). Solutions to partial differential equations (Special Expository Lecture), Mathematical Society of the Philippines Annual Convention, Ateneo de Manila University, Quezon City, Philippines.
Linear Fuchsian Partial Differential Equations, Spring School 2001 Partial Differential Equations, Potsdam University (Germany).


Publications


Name: Gemma Teresa Tamayo Narisma

Place of Birth: Davao del Norte

Date of Birth: April 12, 1972

Gender: Female

Civil Status: Single

Home Address: 21 Jetta St., Village East Executive Homes, Felix Avenue, Cainta, Rizal

Organizational Affiliations
Assistant Professor, Physics Department, Ateneo de Manila University,
Head, Regional Climate Systems Program, Manila Observatory,

Education
MSc. in Environmental Science, University of the Philippines, Diliman, Quezon City 2008
Ph.D. in Atmospheric Science, Macquarie University, NSW 2109, Australia 2005
B.S. in Applied Physics, University of the Philippines, Diliman, Quezon City 1984

Fields of Specialization
Environmental Science
Atmospheric Science
Climate Change and Variability Analysis
Environmental Physics focus on climate system
Climate Analysis

Employment
Research Associate, Center for Sustainability and the Global Environment, Nelson Institute for Environmental Studies, University of Wisconsin, Madison, 2004 O-2008 Je-
Research Scientist, Manila Observatory, 1997 Je-2001 Ja-
Instructor, Physics Department, Ateneo de Manila University, 19954 Je - 2001 O-

Association Membership
Member, Americal Geophysical Union
Member, Samahang Pisika ng Pilipinas (SSP)

Honors / Awards
Loyola Schools Publications Award, Ateneo de Manila University 2011
International Postgraduate Research Award, Macquarie University 2002-2004
Macquarie University Research Award, Macquarie University 2001
Overseas Postgraduate Research Award, Macquarie University 2001
Heyden Chair Research Award, Ateneo de Manila University 1999
Outstanding Young Scientist, National Academy of Science and Technology 2010

Trainings
29th National Physics Congress (Philippines), NIP, UP Diliman, Quezon City 201124-26
The International Workshop on CORDEX-East Asia, Seogwipo, Jeju, Korea 2011 S 22-23

Asia-Oceanica Geosciences Society 8th Annual Meeting and Geosciences World Community Exhibition, Taipei International Convention Centre, Taiwan 2011 Ag 8-12


A modeling & diagnostic analysis of the relative impacts of land cover change & advection on local climate, Havener Auditorium, IRRI, Los Baños, Philippines 2010 My 13

Climate Change and Variability: Shifting Risk 2009 Workshop on Climate Variability and Water, Shifting Risks for Agriculture and Energy, Pacific Disaster Center, Kihei, Maui, Hawaii 2009 O 14-15

6th NCRR Climate Summer School: Land Surface-Atmosphere Interactions in a Changing Climate, Grindelwald, Switzerland 2007 Ag 26-31

The American Geophysical Union Fall Meeting, San Francisco, 2006 D 5-9

American Geophysical Union Chapman Conference on Ecosystem Interactions with Land Use Change, Santa Fe, New Mexico 2003 Je 14-18

Researches

Completed

The relative impacts of deforestation and global climate change in the Philippines

Performance evaluation of regional climate models with satellite observation data assimilation

The effect of urbanization on tropical cyclone rainfall: Case study of Tropical Storm Ketsana

Urbanization and its effects on flooding in the Urban Metro Manila Watershed

The potential impacts of urban expansion on the Philippine southwest monsoon rainfall

A climatological analysis of the southwest monsoon rainfall in the Philippines

Spatio-temporal validation of satellite-based rainfall estimates in the Philippines

Papers Presented


Narisma G.T. et al. (). Recovery of lost signal features without a priori knowledge,
Publications


2006 Narisma, G.T., Pitman, A.J. Exploring the sensitivity of the Australian climate to regional land cover change scenarios under increasing CO2 concentrations and warmer temperatures. Earth Interactions (Paper No.70, 2006, 10.


Name: Nimfa B. Ogena  
Gender: Female  
Civil Status: Married  

Organizational Affiliations:
- Director, University of the Philippines Population Institute (UPPI), Diliman, Quezon City
- Associate Dean for Academic Affairs, College of Social Sciences and Philosophy, UP Diliman, Quezon City
- Professor, University of the Philippines Population Institute (UPPI), UP Diliman, Quezon City
- Population Census Consultant, National Statistics Office (NSO) and UN Funds for Population (UNFPA),

Education:
- Ph.D. in Sociology and Demography, Pennsylvania State University, USA
- Diploma in International Relations and Development, Institute of Social Studies, The Hague, The Netherlands
- Master of Arts in Demography, Population Institute, College of Social Science and Philosophy, University of the Philippines (UP), Diliman, Quezon City
- Bachelor of Science in Statistics, University of the Philippines, Statistical Center, UP Manila

Fields of Specialization:
- Statistics
- Sociology
- Demography

Employment:
- Associate Dean for Academic Affairs, College of Social Sciences and Philosophy, UP Diliman, 2006 N-present
- Population Census Consultant, National Statistics Office (NSO) and United Nations Fund for Population (UNFPA), -
- Member, Ad Hoc Committee for the 2008 National Demographic and Health Survey (NDHS) Preparation of Final Rep, -
- Member, Core Group on No.2 MDG: Achieve universal primary education, National Academy of Science and Technol, -
- Focal Person on Population Management, National Research Council of the Philippines (NRCP), -
- Chairperson, Technical Working Group on Migration Statistics under the Technical Committee on Population and Hous, -
- Board Member and Public Relation Officer, Society of Balik (Returining) Scientist Awardees (SBSA), 1999-present
- Member, Board of Directors, University of the Philippines Alumni Association (UPAA) School of Statistics Chapter, 2006 M - present
- Professor, University of the Philippines Alumni Association (UPPI), UP Diliman, 2005 Ji - present
Association Membership

Member, National Research Council of the Philippines (NRCP)

Member, Board of Directors, University of the Philippines Alumni Association (UPAA) School of Statistics Chapter

Board Member and Public Relations Officer, Society of Balik (Returning) Scientist Awardees (SBSA)

Chairperson, Technical Working Group on Migration Statistics, Technical Committee on Population and Housing, National Statistics Coordination Board (NSCB)

Focal Person on Population Management, National Research Council of the Philippines (NRCP)

Member, Core Group on No. 2 MDG: Achieve universal primary education, National Academy of Science and Technology (NAST)

Member, AdHoc Committee, 2008 National Demographic and Health Survey Preparation of Final Report

Honors / Awards

Fellow Awards, Packard-Gates Fellowship 2004-2005

Gawad Chancellor Awardee, University of the Philippines, Diliman 2002

Four (4) UP Diliman International Publication Awards, UPD 2008

UP Diliman Centennial Professorial Chair Award (Batch 1), UPD 2007 D 31- 2008 Ja 1

Rafael Salas Centennial Professorial Award, UP Diliman 2009

Outstanding Alumni, Muntinlupa National High School, MNHS 2008

Trainings

Baseline Study for the Joint Programme on Youth, Employment and Migration (YEM), International Organization for Migration (IOM) 2010 My-N

Forum of New Members, Pi Gamma Mu International Honor Society in Social Sciences, Philippines Beta C, DLSU, Manila 2008 N 21


NAST Roundtable Discussion on Ageing, Trader’s Hotel, Manila 2008 D 18

Conference of Marriage, Culture and Poverty in Southeast Asia, Jakarta, Indonesia 2008

Symposium on Adolescents,Fertility and Sexuality, University of Rizal System, Institute of Social Work and Community Development, Rodriguez, Rizal 2003 S 30

16th SRTC Annual Conference, Improvement of Labor Migration Statistics Towards the Protection of Migr, Discovery Suites, Ortigas Center, Pasig City 2003 O

PCCI Chamber Management Workshop, Waterfront Insular Hotel, Davao City 2003 N 4-5

DOST-SEI Research Dissemination Forum, Studies in Science and Technology Human Resources, Richmond Hotel, Ortigas Center, Pasig City 2003 N 24

National Conference of Workplace Reproductive health Coalitions of the TUCP, Metro Convention Center 2003 Jl 23-29

Researches

Completed
State of the Philippine Population Report Philippines

Development and Piloting of Workforce Projection and Validation Tool

Enhanced Analysis of the Results of the 2005 and 2007 Integrated HIV Behavioral and Serological Survey (IHBS)

Inventory and Assessment of Health Information System (HIS) for Family Health in the Philippines (S03 areas and NonS03 areas)

Baseline Study for the Joint Programme on Youth, Employment and Migration (YEM).

Factors affecting the delay of marriage in the Philippines


Pangasinan facilities and willingness to pay surveys.

Situation Analysis of the Philippine Population

TB in the Philippine Workforce

**On-going**

For the Chapter on the Philippines, which will appear in the book entitled Asian Urbanization in the New Millennium

For a chapter on Makati City, one of four cities covered in the survey of non profit organizations, which will appear in the book tentatively entitled between the state and the market: Nonprofit organizations in the Philippines

Information Technology Development Program

Theme and Geographic coordinator and sexuality III in the Philippines

**Ongoing**

Transnational mobility and Filipino's perception on marital union and family formation

**Papers Presented**


Ogena, N.B. (2008 My 7-9). Philippine Population and Education Prospects: The Challenge of Universal Primary Education for All, 6th National Social Science Congress, Philippine Social Science Center, Commonwealth Ave., nd atthe Ateneo de Manila University, Quezon City.


Ogena, N.B. (2003 Jl 16-17). Populations and development, CSSP Extramural Program on Social Science/Social Studies, Development and Governance, Palawan State University, Puerto Princesa City, Palawan.


Ogena, N.B. (2003 D 5-6). Urbanward migration and occupation mobility in the philippines: Who among female migrants in Metro Manila Davao will be Upward Mobile., 6th Philippine Studies Conference, Philippine Social Science Center, Diliman, Quezon City.


Ogena, N.B. (2002 Mr 13). The Non Profit Organizations in Makati, Metro Manila, Philippine Non-Profit Sector Project (PNSP) Regional Research Dissemination Workshop, UP Diliman, Quezon City.


Ogena, N.B. (). The Proposed Key Indicators for POPDEV Planning at the Local Level, Commission on Population as part of POPCOM Consultancy Work in connection with the POPDEV Planning at the Local Level (PPLL) Project.

**Publications**

**2010**


**2008**


Ogena, N.B., Valencia, M.C., Roma, G.M.R. Filipina Marriage Migration Streams to Japan, Taiwan and South Korea. Cross-Border Marriage: Process and


Name: Agnes T. Padre  
Place of Birth: Manila  
Date of Birth: March 18, 1954  
Gender: Female  
Civil Status: Married  
Home Address: Park Drive, Marymount Village, Anos, Los Baños, Laguna  

Organizational Affiliations: 
- Associate Scientist, CESD, International Rice Research Institute, Los Baños, Laguna  

Education: 
- PhD Soil Science, Chiba University, Chiba, Japan 2006  
- MS Agricultural Chemistry, University of the Philippines at Los Baños, College, Los Baños Laguna 1981  
- BS Chemistry, University of Santo Tomas, España, Manila 1975  

Fields of Specialization: 
- Agricultural Chemistry  
- Soil Health Science  

Employment: 
- Associate Scientist, International Rice Research Institute, 1976-present  
- Research Assistant, University of Santo Tomas Research Center, 1975  
- Research Assistant, Soil Microbiology Dept., IRRI, 1976  
- Senior Research Assistant /Associate Scientist, Crop, Soil and Water Sciences Division (CSWS), IRRI, 1983-2002  
- Associate Scientist, Crop and Environmental Sciences Division (CESD), IRRI, 2002-2006  
- Associate Scientist, Crop and Environmental Sciences Division (CESD), IRRI, 2006-present  

Honors / Awards: 
- Special Achievement Award, International Rice Research Institute 1992  

Trainings: 
- 2nd International Rice Congress, New Delhi, India 2006 O  
- Japan Society of Soil Microbiology Conference, Tohoku University, Japan 2006  
- Development of Environmental Sustainability Indicators, The Impact of Rice Production on Environmental Sustainability, IRRI, Los Banos, Laguna 2006  
- 20th Convention and 47th Seminar on Quality Standards for the Laboratory, DOST, Bicutan, Taguig, metro Manila 2006  
- Theory and Laboratory Training for Soil Quality Parameter "Hot Water Extractable C and N, IRRI, Los Banos, Laguna 2004  
- 16th International Symposium on Environmental Biogeochemistry, Oirase, Aomori Prefecture, Japan 2003  

81
IRRC-RTOP Startup Workshop "Reaching Toward Optimum Productivity", IRRI, Los Banos, Laguna 2001 F 5-9

RTDP Review and Planning Workshop, Thanjavur, India 1999 S 5-12

Research Management and Enhancement Course, SEARCA, College, Laguna/Univ. of Malaysia, Serdang, Selangor, Malaysia 1994 Ag 1-26

Training on Measurements of Nitrogen Use Efficiency, NARC, Tsukuba, Japan 1992 N

Training on Various Techniques in Measuring Biological Nitrogen Fixation, NifTAL Project, University of Hawaii at Mailea, Maui, Hawaii 1987

UNESCO Regional Symposium & Workshop on "Biotechnology of Nitrogen Fixation in the Tropics", University Pertanian, Malaysia 1986 Ag 25-29

Papers Presented


Publications


2005 Tsuchiya, K., Inubushi, K., Ladha, J.K. Enhancing soil quality through residue management in a rice-wheat system in Fukuoka, Japan. Soil Science Plant


1997 Singh, U., Ladha, J. K., Castillo, E. G., Punzalan, G., Tirol-Padre, A. and Duqueza,


1982 Grant, I.F., Tirol, A.C., Aziz, T., Watanabe, I. Regulation of invertebrate grazers as


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<th>Name</th>
<th>Michelle Grace V. Paraso</th>
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<td>Manila</td>
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</tbody>
</table>

**Organizational Affiliations**

Associate Professor 2, University of the Philippines at Los Baños, College, Laguna

**Education**

- PhD in Environmental Science, University of the Philippines Los Baños, College, Laguna 2011
- M.Sc.in Veterinary Medicine, Swedish University of Agricultural Sciences, Uppsala, Sweden, 2001
- Doctor of Veterinary Medicine, University of the Philippines Los Baños, College, Laguna 1997

**Fields of Specialization**

- Environmental Science (Aquatic Ecotoxicology)
- Veterinary Pharmacology (Toxicology)
- Veterinary Physiology (Endocrine Physiology)

**Association Membership**

- Member, SEARCA Fellows Association of the Philippines (SFAP)
- Member, Philippine Veterinary Medical Association of the Philippines (PVAM)
- Member, National Research Council of the Philippines (NRCP)
- Member, Philippine Society of Animal Science (PSAS)

**Honors / Awards**

- Outstanding Young Scientist Award, NAST-DOST 2012
- Best Paper in Anatomy, Physiology and Biochemistry Category (Vitlogenin induction and gonad abnor, Philippine Society of Animal Science 2011
- International Publication Award for the Scientific article, A survey of waste management practices o, UP System 2008
- Academic Excellence Award, UPLB Graduate School 2011
- PCAMRD-ASTHRDP PhD Dissertation Grant, DOST 2010
- SEARCA Scholarship for Graduate Study, SEARCA 2008
- Metro Manila Commission Professorial Chair, UP System 2007
- Dr Jose A. Solis-Dr Stewart Parker Professorial Chair, UP System 2007
- Swedish International Foundation for Learning and Higher Education (STINT)Scholarship, STINT 1999
- International Publication Award for the Scientific Article, Effects of waterborne exposure..., UP System 2008
- International Publication Award for the research article, Pathologic effects of different biological, UP System 2007
UPLB Alumni Association Leadership Award, UPLB
Governor Jose A. Lina Leadership Award,
Alumni Medal of Excellence, UPCVM
Professor Jose A. Solis Memorial Award in Veterinary Anatomy,

Trainings
Quantum Geographical Information System (sponsored by FAO), Joya Lofts and Towers, Makati City 2011 Jl 19
15th Talakayan Series on Environment and Development(TSED), UPLB 2011 Jl 19
Training on Research Methods, SESAM Simulation Laboratory, UPLB 2011 Ap 6-9
Global Environmental Leadership: Experiences from Sweden, Japan and Australia, SESAM Lecture Hall, UPLB 2010 Je 24
Environment (ASEAN 2015 Environmental Standards and its Implications in Philippine Livestock and Pou, NRCP Cluster Workshop on ASEAN Community 2015, Traders Hotel, Manila 2010 D 6
Understanding Climate Change, Laguna Science Polytechnic University (LSPU)Laboratory High School, Los Baños, Laguna 2008 S 25
Seminar on Constructed Wetlands as Option for Water Pollution Control in Laguna de Bay and other Pol, SESAM Lecture Hall, UPLB, Laguna 2008 Jl 8
Advocacy on Environmental Animal Health and Production in Laguna Province, Philippines, TREES, CFNR, UPLB Laguna 2008 Jl 30
3rd REAP Confrerence "Economics in Action for Climate Change Mitigation and Adaptation, New Horizontal Hotel, Mandaluyong City 2008 Jl 10
Developing Tomorrow's Leaders in Agriculture and Rural Development: Responding to the Challenge s of, SEARCA, Los Baños, Laguna 2008 D 27-28
Environmental Animal Health and Production in Laguna Province, Philippines, Project Output: Key Findings and Results, SESAM Seminar Room, UPLB, College, Laguna 2007 O 4
Nikon Microscope Seminar II: Flourescence Microscopy, Manila Pavillon Hotel 2006 D 6
Masterfoods Continuing Education Seminar, Westin Philippine Plaza, Manila 2004 O 14
UP System Consultation Workshop on Endocrine Disrupters, Continuing Education Center, UPLB 1999 Mr 10
Seminar Workshop in College Teaching, ACCI Auditorium, UPLB 1998 Je 5
Basic Animal Anatomy, Animal Health Technician Training, UP College of Veterinary Medicine 1998 1nd 1999
Veterinary Practitioners Association of the Philippines (VPAP) Animal Congress, Hotel International, Manila 1997 Je

Researches
Completed
Vitellogenin induction and gonad abnormalities in male common carp (Cyprinus carpio Linnaeus) introduced to Laguna de Bay
17B-estradiol and organochlorine pesticide levels in water samples from the east and west sites of Laguna de Bay
Papers Presented
Paraso, M.G.V. (2011 Ag 3). Estrogenic contamination at Laguna de Bay and its potential impact on fish health, SARCA Social Graduate Seminar, SEARCA Drilon Hall, Los Baños, Laguna.


Paraso, M.G.V. (2007 F 21-23). Zebrafish (Danio rerio) as a Bioindicator of Environmental Pollution, Philippine Veterinary Medical Association (PVMA) Annual Convention, Sofitel Hotel, Manila.


Paraso, M.G.V. (2004 O 2023). The effects of d-mannose given via drinking water on white blood cell counts and antibody titer of broiler chickens vaccinated against Newcastle disease, 7th World Buffalo Congress and 41st PSAS Scientific Annual Convention, Shang-rila Hotel, Makati City.


Publications


2004 Santiago-Flores, M.L.A.S., Maala, C.P., Baysic, B.B., Valle-Paraso, M.G.R., Alviola,


Name: Teresita P. Pareja  
Gender: Female  
Civil Status: Married  
Home Address: 344 Amore Subd., Mulawin, Tanza, Cavite  
Organizational Affiliations:  
- Full Professor 4, DLSU, Dasmarinas, Cavite  
- Faculty, Languages and Literature Department, De La Salle University, Dasmariñas, Cavite  
- College Faculty Research Coordinator, DLSU, Dasmariñas, Cavite  
Education:  
- Doctor of Philosophy (Major in Applied Linguistics), Philippine Normal University, Manila 1999  
- Masters of Arts in Education (Major in Educational Management), Saint Joseph College, Cavite City 1990  
- Bachelor of Arts, San Sebastian College-Recoletos (Major in English), Cavite City 1978  
Fields of Specialization:  
- Applied Linguistics  
- Social Sciences  
Employment:  
- Teacher 3, Tanza National Comprehensive High School, 1982-My 1993  
- Officer-in-Charge, University Faculty Research Office, DLSU-D, 2001-2002  
- Languages Department, Department Chair, 1996-1998  
- Research Associate, UFRO-DLSU-D, 2001-2004  
- College Research Council Chair, CLA-DLSU-D, 1999-2004  
- Subject Coordinator, TNCHS, 1983-1990  
- Teacher Demonstrator (High School Level), SEDP, 1992 My  
- Teacher Demonstrator (High School Level), TNCHS, 1990 Ja  
Association Membership:  
- Regular Member, National Research Council of the Philippines  
- Member, Research and Education Development Training Institute  
- Member, Philippine Association of Graduate Education  
Honors / Awards:  
- Most Outstanding Faculty Member of the College of Liberal Arts, SY 2005-2006, De La Salle University 2006  
- Outstanding Teaching Performance, College of Liberal Arts and in the Graduate School of Education, Arts and Sciences School Year 2004-2005  
- Most Outstanding Faculty, College of Liberal Arts 2005-2006  
- Invaluable Services as Faculty of the GSEAS, DLSU Dasmariñas SY 2002-2003  
- Professorial Chair Holder in the College of Liberal Arts School Year 2002-2003,
Promptness Award, DLSU Dasmariñas School Year 2003-2004
Promptness Award, DLSU Dasmariñas School Year 2002-2003

Trainings

Institutional Faculty Development, De La Salle University-Dasmariñas SY 2000-2001
The Teacher as a Reader and the Reader as a Teacher, Nilda Sunga Training Center, Vision 21, Crossroad 77 Mother Ignacio Ave. QC. 2008 My 16-17
Seminar on Thesis Writing, Multi-purpose Hall, Alumni Building, DLSU-D 2007 Je 28
Seminar on Issues and Concerns in the Philippine Education System, Tanghalan Julian Felipe 2006 S 6
Seminar on Language and Literature, Severino de Las Alas Auditorium 2006 S 16
GSEAS PITECHS 2006, DAP 2006 Ja 20-21
Research Theories and Methodologies, Jose Basa Hall 2005 S 12
Research on Seminar Instructional Materials Development, Mariano Alvarez Hall 2005 S 10
Retooling Action Research, Severino De Las Hall Auditorium, De La Salle University-Dasmariñas 2005 Ag 20
GSEAS Faculty Student Colloquium, Severino de Las Alas Hall, DLSU, Dasmariñas, Cavite 2004 S 25
Research Planning Congress @ DLS-D, Severino De Las Alas Hall, DLSU-D 2004 S 17
Thesis/Dissertation Retooling Seminar, Bulwagang Jose Basa, DLSU-D 2004 J 17
Basic Research Seminar, Luis Aguado Viewing Room, Aklatang Emilio Aguinaldo 2004 Je 11
Asia-Pacific Conference on Higher Education Research (APCHER), Manila Hotel 2004 Ag 18-20
Macromedia Fireworks 4 (Advanced Topics), Mariano Alvarez Hall, DLSU-D 2003 S 26
Language Testing, The Linguistic Society of the Philippines, Philippine Normal University 2003 O 24-25
Communicative Language Teaching Demonstration, Julian Felipe Hall, DLSU-D 2003 JI 2
An International Conference on Applied Linguistics and Languages Education: Theory and Practice, Manila Midtown Hotel 2002 D 9-11
Seminar-Workshop on Research Proposal Writing in the Humanities, De La Salle University-Manila 2001 S 26-28
Faculty Training Program on Information Technology, Module 6, Internet and Intranet, De La Salle University-Dasmariñas 2001 Mr 26
Faculty Training Program on Information Technology Module 5, Microsoft Outlook 2000, De La Salle University-Dasmariñas 2001 Mr 12
Seminar on DLSU System Vision-Mission, De La Salle University-Dasmariñas 2001 Ja 27
Institutional Faculty Development Programs, De La Salle University-Dasmariñas
2001 Ja 23  
Seminar on Phenomenological Research, De La Salle University-Dasmariñas 2001  
Ja 22  
Lasallian Family Seminar, Option for the Poor: A Lasallian Tradition, De La Salle  
University-Dasmariñas 2001 Ag 30  
Seminar-Workshop on the use of PROQUEST 500 and Emerald Full Text, De La Salle  
University-Dasmariñas 2001 Ag 29  
Sourcing of Research Information Using the Internet and CD Rom, De La Salle  
University-Dasmariñas 2001 Ag 29  
Computer Based Training on Data Collection and Statistical Analyses for  
Educational Researches, UP Los Baños College, Laguna 2000 N 6-10  
Thesis/Dissertation Advising, De La Salle University-Dasmariñas 2000 Ji 2  
Innovative Approaches to the Teaching of Writing, De La Salle University-Manila  
1998 O 21-24  
U.S. Governance and Civil Society, De La Salle University-Manila 2001 My 18-19  
Reading for Critical Thinking, Ateneo de Manila University 2000 S 2  

Researches  

Completed  
Critical discourse analysis of the coverage of ABU jailbreak in seven Philippine  
Broadsheets: An application to teaching critical reading  
Day-care workers’ skills in guiding young children towards early literacy: A basis  
for training program  
Philippine cities competitiveness ranking Project 2005 (Collaborative Research)  
Enhancing coherence in writing among selected Freshman Criminology Students  
of De La Salle University-Dasmariñas  
Chavacano variations of Cavite City and Ternate, Cavite: A contrastive analysis  
Language needs assessment of selected Senior High School Students from  
selected Feeder Schools of De La Salle University-Dasmariñas, Province of Cavite  
Selected students' oral proficiency in storytelling  
Underlying reasons for student's hesitancy to participate in class discussion  
The Extent of Emergent Literacy Among Day-Care Children, and Early Diagnostic-  
Reading and Corrective Instruction for Day-Care Centers in the Province of Cavite  

Papers Presented  
Pareja, T. P. (2009 Ja 31-F 1). Enhancing Criminolgy Students' Coherence in  
Writing Narratives, 1st Philippine International English Conference and the 11th UK  
Education Fair, Convention Center, Mall of Asia Complex, Pasay City Philippines.  
Pareja, T.P. (2008 O 23-24). Day-Care Workers's Skills in guiding Young Children  
towards Early Literacy: A Basis for Training Program , CHED Calabarzon  
Research Council Conference, Pontel Fino Hotel, Batangas City .  
General Membership Assembly, Manila Hotel, Rizal Park, Manila .  
Reading of Selected Prose Materials , Reading Asia Forging Identities in  
Literature, Ateneo de Manila University, Philippines .  
Philippine Classes in DLSU, D Summer 2007 and Teaching Strategies in Creative Writing, Luis Aguado, AEA, DLSU-D


Pareja, T.P. (2002 O 24). Research As A Tool in Improving Guidance Services, Luis Aguado Hall, AEA, Guidance Counseling Office DLSU-D.


Pareja, T.P. (2001 N 29 - D 1). Development and Validation of ESP Materials for Criminology Students, 6th English in South East Asia Conference Learning to Teach, Teaching to Learn: Issues, Options, and Directions in Language and Literature Education, Ateneo de Manila University Loyola Campus, Manila.


Pareja, T.P. (2000 Je 9). Action Research, Don Severino De Las Alas Hall, College of Liberal Arts, DLSU-D.


Publications

2008 Pareja, T.P. An Evaluation of Day-Care Skills in Guiding Young Children Towards Early Literacy: A Basis for Training Programs. , 2008 Mr, 2(2).
2005 Pareja, T.P. Varieties of chavacano spoken in Cavite City and ternate, Cavite: A Contrastive Analysis. SINAG / ISSN 0117-1316-1, 2005 Mr, 9(2).
2003 Pareja, T.P. Language Needs Assessment of Selected Senior High School Students from Selected Feeder Schools of De La Salle University, Dasmariñas in the Province of Cavite, School Year 2001-2002. SINAG, 2003 Mr, 2(2).
Name Maricar S. Prudente
Gender Female
Civil Status Single

Organizational Affiliations
- Full Professor 7, Science Education Department De La Salle University, Taft Avenue, Manila
- Participating Scientist, International Mussel Watch Project, Asia-Pacific Phase,

Education
- Ph.D. in Environmental Chemistry and Ecotoxicology, Ehime University, Japan, Japan 1999 Mr 15
- MST Physics, De La Salle University, Taft Avenue, Manila 1988 D
- BSE Natural Science, Biology, Pamantasan ng Lungsod ng Manila, Manila 1979 Mr

Fields of Specialization
- Environmental Pollution
- Environmental Education and Science Education
- Environmental Chemistry and Ecotoxicology

Employment
- Full Prof. 5, De La Salle University, 2006 F 4-2008 Ja 30-
- Full Prof. 3, De La Salle University, 2004, F 4- 2006, F 4-
- Full Professor 2, De La Salle University, 2003 F 4 -2004 F 4-
- Full Prof. 1, De La Salle University, 2001 Ja 3- 2003 F 3-
- Associate Prof. 5, De La Salle University, 2000 S 13 - 2001 D-
- Associate Prof. 4, De La Salle University, 1999 S 13-2000 S 12-
- Assistant Prof. 6, De La Salle University, 1997 Je 2-1999 S12-
- Faculty Member, College of St. Benilde, 1988 My - 1997 Ap-
- Director, Lasallian Institute for Development And Educational Research, 2006 My - present-
- Chairperson, Science Education Department , DLSU-Manila, 2000 My - 2004 Ag-
- Director, Summer Institute, DLSDU-Manila, 2000-
- Area Coordinator, Natural Sciences, College of St. Benilde, 1993 My - 1997 Ap-
- Director, Academic Services, College of St. Benilde, 1989 My - 1991 S-
- Science Area Coordinator, Sta. Isabel College, 1980 Je - 1987 Ap-
- Director for Discipline, Sta. Isabel College, 1983, Je - 1987 Ap-

Association Membership
- Scientific &Technical Advisory Panel Secretariat, United Nations Environment Programme
- ROSTER of Expert, United Nations Environment Programme
- Global Environment Facility, United Nations Environment Programme
Member, Society of Environmental Toxicology and Chemistry (SETAC, USA)
Member, Japan Society for Environmental Chemistry
Member, DOST-JSPS Philippine Ronpaku Fellows
Board Member, DOST-JSPS Philippine Ronpaku Fellows
Board of Advisors, American Biographical Institute (ABI)
Member, Philippine Association of Japan Ministry of Education Scholars (PHILAJAMES)
Member, Philippine Association of Physics Instructors

Honors / Awards
Outstanding Women of 2003, American Biographical Institute 2003 Ja
St. Miguel Febres Cordero Research Award, De La Salle University-Manila 2001 Ag 9
Outstanding Women of 2000, American Biographical Institute 2000 Ja
Ronpaku Fellow, Japan Society for the Promotion of Science (JSPS) 1996 - 1999
Teacher Trainee, Japan Ministry of Education and Culture (MONBUSHO) 1991 S - 1993 Mr

Trainings
3rd International Joint Seminar of JSPS Multilateral Core Univ. Program on Coastal Marine Science, Jogjakarta, Indonesia 2007
5th UNU-ORI International Workshop on Marine Environment, by United Nations University, Japan, Otsuchi, Japan 2004

Researches
International Cooperative Research on Contamination by Persistent Organohalogens in the Philippines Environment: Levels, Profiles, Fate and Exposure Pathways
International Mussel Watch Project, Asia-Pacific Phase

Complete
Endline Study of Mathematics and Science Teaching in the Philippines
Exploring Mathematics and Science Teaching in the Philippines
Science and Mathematics Teaching-Learning Processes and Strategies in Preservice Teacher Education Programs
The Contexts and Practices of Science and Math Education in the Philippines
Global Pollution Monitoring Using Migratory Shorebirds

Completed
International Cooperative Research on Pollution of Persistent Organic Pollutants in Human Breastmilk Collected from Southeast Asia

On-going
JSPS-DOST Multilateral Cooperative Research on Pollution of Persistent Organic Pollutants in the Marine and Coastal Environments of Southeast Asia (POME)

Papers Presented


**Publications**


<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Pages</th>
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<tr>
<td>2000</td>
<td>Prudente, M.S., Minh T.B., Watanabe M., Tanabe S., Miyazaki N., Jefferson T.A., Subramanian A., Karuppiah, S.</td>
<td>Widespread contamination by tris(4-chlorophenyl) methane and tris(4-chlorophenyl) methanol in cetaceans from the North Pacific and Asian coastal waters</td>
<td>Environmental Pollution (Barking, Essex : 1987)</td>
<td>110(3)</td>
<td>459 - 468</td>
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<td>2000</td>
<td>Prudente, M.S., Yasunaga, G., Watanabe, I., Subramanian, A., Qui, V. and Tanabe, S.</td>
<td>&quot;Trace Elements Accumulation in Waders from Asia&quot;</td>
<td>Toxicological and Environmental Chemistry</td>
<td>2000, 77</td>
<td>77.75 - 92</td>
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<td>1999</td>
<td>Prudente, M.S., Ichihashi, H., Kan-Atireklap, S., Watanabe, I. and Tanabe, S.</td>
<td>&quot;Butyltins, organochlorines and metal levels in green mussel Perna viridis from the coastal waters of the Philippines&quot;</td>
<td>Fisheries Science, Tokyo, Japan</td>
<td>1999, 65(3)</td>
<td>441 - 447</td>
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<tr>
<td>1994</td>
<td>Prudente, M.S., Ichihashi, H. and Tatsukawa, R.</td>
<td>&quot;Heavy metal concentrations in sediments from Manila Bay, Philippines and inflowing rivers&quot;</td>
<td>Environmental Pollution, Elsevier Science Ltd., Great Britain</td>
<td>1994, 86</td>
<td>83 - 88</td>
</tr>
</tbody>
</table>

Name: Stella Luz A. Quimbo

Place of Birth: Manila, Philippines

Date of Birth: November 11, 1969

Gender: Female

Civil Status: Married

Home Address: 28 Ma. Eva St., Tierra Pura Subd., Tandang Sora, Quezon City

Organizational Affiliations
Assistant Professor, School of Economics, University of the Philippines, Diliman, Quezon City
Program Manager, Quality Improvement Demonstration Study, UPECON Foundation

Education
Ph.D. in Economics, School of Economics, University of the Philippines, Diliman, Quezon City 2000
M.A. in Economics, University of the Philippines, Diliman, Quezon City 1993
B.S. Business Economics (Summa Cum Laude), University of the Philippines, Diliman, Quezon City 1991

Fields of Specialization
Health Economics (health care financing, quality of care, health status of children, provider payment systems)
Education
Poverty
Access to health care
Tobacco Taxation

Association Membership
Member, Philippine Economic Society

Honors / Awards
UP Diliman Centennial Professorial Chair, University of the Philippines 2007 Jl-2008 Je
Postdoctoral Fellowship, Brown University, University of the Philippines & UPECON Foundation 2002
RP-Japan Friendship Program, Tokyo, Japan, Japan 1994 F
Teaching Fellowship, University of the Philippines School of Economics 1991-1993
Summer Program for ASEAN Students, Nikko Securities, Tokyo, Japan 1991 Ap
Most Outstanding Social Science Student, PI Gamma Mu Honor Society 1991 Mr
Most Outstanding Female Graduate, University of the Philippines Alumni Association 1991 Mr
Outstanding Young Scientist, National Academy of Science and Technology (NAST) 2009
Trainings
Econometrics Seminar, Ronald Coase Institute and the School of Economics, and Finance, University of Hongkong 2008 D 8-11
Workshop on the Economics of Tobacco and Tobacco Taxation, Sponsored by the Bloomberg Global Initiative to Reduce Tobacco Use, Alexandria, Egypt 2007 N
Annual Meeting of the Population Association of America, Los Angeles, USA 2006 Mr
PhilHealth Scientific Symposium, Manila 2006 F 23
Forum 9: Poverty, Equity, and Health Research of the Global Forum for Health Research, Mumbai, India 2005 S
4th World Congress of the International Health Economics Association, San Francisco, USA

Researches
Completed
PHILTIPS provider study
Information Asymmetry in Health Core Markets: An Analysis of Provider Switch Decisions among Tuberculosis Patients
Correlation Study on basic social services in investing in people, The Philippine 20/20 initiative

On-going
Evidence of a causal link between health outcomes, insurance coverage and a policy to expand access: Experimental data from children in the Philippines
The economics of tobacco and tobacco taxation (Philippines)
Health, education, and the household: Explaining poverty

Ongoing
The surprising fee structure of better quality: Quality measurement, value and efficiency

Papers Presented
Quimbo, S. (2006 Mr 10). Linking, Quality of Care with Provider Payment, UP
Shool of Economics Friday Seminar Series.

Peabody, J., Solon, O., Butrick, E., De Salvo, K., Quimbo, S.A. (2006 Mr). Health Status of Filipino Children: Biologic and Subjective Measures Used in the Quality Improvement Demonstration Study (QIDS), Annual Meeting of the Population Association of America, Los Angeles, USA.

Quimbo, S.A. (2006 F 23). Quality of Care and Provider Payment, PhilHealth Scientific Symposium, Manila.


Publications


Name: Marita V.T. Reyes
Place of Birth: Quezon, Nueva Ecija
Date of Birth: May 30, 1941
Gender: Female
Civil Status: Married
Home Address: 32 Examiner St. West triangle, Quezon City 1104

Organizational Affiliations
- Chairman, National Ethics Committee, c/o PCHRD, DOST Administration Bldg, General Santos Ave. Bicutan, Taguig City,
- Professor, Dept. of Biochemistry & Molecular Biology, UP College of Medicine, 547 P. Gil, Ermita, Manila
- Chairman, Philippine Health Research Ethics Board, c/o PCHRD, DOST Administration Bldg, General Santos Ave. Bicutan, Taguig City,
- Clinical Professor (after 65), Dept of Biochemistry and Molecular Biology, UP College of Medicine, 547 P. Gil, Ermita, Manila, 1000 PO Box 593 Manila

Education
- Doctor of Medicine, University of the Philippines Manila, 547 Pedro Gil St. Ermita, Manila 1964 Ap
- Bachelor in Arts-Medicine (cum laude), University of the Philippines Diliman, Diliman, Quezon City 1962 Ap
- Associate in Arts (with honors), University of the Philippines Diliman, Diliman, Quezon City 1959 Ap

Fields of Specialization
- Biochemistry
- Medicine
- Bioethics

Employment
- Assistant Instructor - Assistant Professor 2, University of the East Ramon Magsaysay Memorial Medical Center, 1965 Jl 1-1975 My 31-

Association Membership
- Regular Member, National Research Council of the Philippines
- Member, Strategic Advisory Committee of Empowerment
- Member, Research Training Steering Committee on Empowerment (TSC)
- Member, Steering Committee, Forum for Ethical Review Committees in Asia & the Western Pacific
- Country Representative, Asia-Pacific Association on Problem-based Learning in the Health Professions
- President, Asia-Pacific Association on Problem-based Learning in Health Professions Education
- Honorary Chairman, Organizing Committee, 4th Asia-Pacific Conference on Problem-Based Learning in the Health Sciences
- Associate Member, Asia-Pacific IMBN
Covener, Bioethics Panel, Asia Pacific Conference in Reproductive Health PNGOC
Member, Documentation Committee
Member, Organizing Committee
Member, Commission on Ethics, Philippine Medical Association
Member, Task Force on Pharmacovigilance (BFAD, HPDDB, PHREB, UP Manila)
Chairman, Philippine Research Ethics Board, Philippine National Health Research System
Member, DOST-Science Career Council-Special Technical Committee
Expert Panel Member, DOST-PCASTRD Technology Transfer Program
Member, PCHRD-NAST Task Force on Human Cloning
Member, PCHRD Research Fellowship Technical Committee
Chairman, PCHRD National Ethics Committee
Member, PCHRD National Ethics Committee
Member, PCHRD Technical Panel on Pharmaceuticals
Chairman, PCASTRD Technical Panel on Biotechnology
Member, Scientific and Technical Review Panel (STRP) National Committee on Biosafety of the Philippines DOST
Editor-in-Chief, Journal of Medical Education (APMC)
Member, Sub-Committee on Health, IACGBR c/o Department of Environmental and Natural Resources
Member, Special Technical Committee on Medical Sciences (Scientific Career Council, DOST)
Member, Advisory Board, HHRD Policy Project, DOH
Member, Commission on Medical Education
Member, APMC Accreditation Committee
Editor, APMC Journal on Medical Education
Editor, Womens Journal on Law and Culture, Women Lead
Member, Core Group on Development of Video on Violence Against Women
Member, National Facilitation Committee for the New Millennium & Century Project
Member, Committee on Research Coordination
Member, Phi Kappa Phi Honor Society
Fellow (Founding), Philippine Society of Endocrinology & Metabolism
Member, Radioisotopes Society of the Philippines
Member, Philippine Biochemical Society
Secretary, Philippine Biochemical Society
Vice President, Philippine Biochemical Society
Member, Philippine Biochemical Society Board of Directors
Fellow, Philippine Society of Human Genetics
Regular Member, National Research Council of the Philippines
Associate Member, National Research Council of the Philippines
Member, American Association for the Advancement of Science
Member, Steering Committee, FERCAP-Philippines
Secretary, Philippine Bioethics Network
Member, Philippine Medical Women's Association Quezon City Chapter
Member, Manila Medical Society
Member, UP Medical Foundation
Board of Trustees, UP Medical Foundation
Vice President, UP Medical Foundation
President, UP Medical Foundation
Member, UPHEIPS Foundation
Board of Trustees, UPHEIPS Foundation
Vice-President, UPHEIPS Foundation
Board of Directors, UP Medical Alumni Society
Member, UP Medical Alumni Society Awards Committee
Member, UP Medical Alumni Society Board of Judges for the Annual Awards
Co-Chairman, UP Alumni Association, Committee on Public Issues
Member, UP Alumni Association, Awards Committee
Member, PGH Centennial Advisory Council
Member, Dr. Flora Pascasio Research Foundation
President, COOP-INSIGHT (Cooperative for Integrative Services in Gender Health and Technology)
Member, Board of Directors, COOP-INSIGHT
Member, Board of Directors, Women's Health Care Foundation
Member, PCHRD Task Force on Ethics in Genetic Engineering
Member, PCHRD Task Force on Vaccine Production
Covener, PCHRD-1998 National Congress in Health Research Priorities (for NCR)
Member, Award Screening Committee: Regional Researcher of the Year Award
Member, Board of Judges, 2001 Most Outstanding Research in Advanced Technology, PCASTRD
Member, DOST Task Force on Biotechnology, c/o PCASTRD
Member, Search Committee for the Position of PCHRD Executive Director
Member, Search Committee for the Position of PCHRD Deputy Director
Chairman, Technical Working Group on Ethics, Philippine National Health Research System
Chairman, Committee on the Search for the Silver Stars of Women's Health
Member, Search Committee for the Position of PCHRD Executive Director
Member, Ad Hoc Committee on the Revision of the National Research Ethics Guidelines
Consultant, Philippine College of Occupational Medicine (PCOM)
Chairman, Ad Hoc Ethics Committee, Philippine College of Physicians
Honors / Awards

Florante I. Albano Chair for Professor of Biochemistry, 1997-2000
Distinguished Service Award, DOST-PCASTRD, 20th Anniversary Celebration 2007 D 12
Golden Anniversary Class Leadership Award, UP High Class 56 2006 F 25
Centennial Award for Medical Education, University of the Philippines College of Medicine (UPCM) Centennial Celebration 2006 N 22
Professional Award in Medicine, UP Manila Alumni Association 2005 O 21
Gloria T. Aragon Centennial Award for Most Illustrious Faculty of the College of Medicine, UPCM 2005 O 21
NRCP Achievement Award in Medicine, National Research Council of the Philippines 2005 Mr 5
Outstanding Alumna in Medical Education, UP Medical Alumni Society 2002 D
One of the Outstanding Women in Health Science, National Academy of Science and Technology 1999
Florante I. Albano Chair for Professor of Biochemistry, UPCM 1997 Je
Eusebio Garcia Professorial Chair in Biochemistry, UPCM 1995 Je
Outstanding Awardee in Education, Philippine Society of Biochemistry and Molecular Biology 1995 D 8
UP Investment Portfolio Professorial Chair in Biochemistry 1, UP College of Medicine 1994 Je
Outstanding Basic Science Teacher, St. Louis-UPMASA 1994 Je 13
UPMASA Professorial Chair in Biochemistry, UP College of Medicine (UPCM) 1993 Je
Eusebio Garcia Professorial Chair in Biochemistry, UPCM 1986 Je
UP- University of UNEA Professorial Chair in Biochemistry, UPCM 1982 Je

Trainings

PMAC Training for Physicians of the Women’s Health Care Foundation, Jose Fabella Medical Center, Manila 2008 O 20-22
Fund Raising Skill-Building Workshop, Packard Foundation Philippine Partners, Venture for Fund Raising 2008 D 09-11
SIDCER Surveyors’ Training, "Role of Surveyors in Fulfilling the Promise", MOPH, Richmond Hotel, Bangkok, Thailand 2007 D 02
GCP Training for Ethics Committee Members, Krungsri River Hotel, Ayutthaya, Thailand, FERCAP 2006 N 28
Accounting Seminar for Non-Accountant Administrators, AG Sison Conference Room, UP College of Medicine, UP Medical Foundation 2006 My 11
Training Course for Potential TDR Clinical Trial Auditors, The Pearl Manila 2006 D 11-13
An International Course on Surveying and Evaluating Ethical Review Practices, Seoul National University Medical Center and Asian Medical Center 2006 Ap 23-27
Echo Seminar on RA 9184 (Government Procurement Reform Act) and its IRR, Office of the Vice Chancellor for Administration, UP Manila Social Hall 2005 Ja 29
1st Training Seminar on Social Marketing, AIM Conference Room 2005 Ja 25-26
1st Workshop on Effective Ethics Committees: Requirements and Considerations, Columbus Room, Discovery Suites, 25 ADB Ave., Ortigas Center, c/o Pfizer 2002 Ag

Training for Accreditors in Medical Education, St. Paul's College Manila c/o PAASCU & APMC 2001 N 21-22

Training Workshop on Communication, PCASTRD, Communication Planning, c/o Dr. Ma. Celeste Cadiz, Ms. Virginia Novenario 2000 My 25-26

Faculty Computer Literacy Course, UP Manila, CAS Rm 114 c/o Prof. Ma. Sheila Abad 1996 My 20-22

Summer Seminar in Health Care Ethics, University of Washington, Seattle c/o Dr. Albert Jonsen 1996 Ag 5-9

Short Course on the Applications of Restriction Fragment Length Polymorphism Analysis, MBB Program 1994 F21-25

Trainers Training Course for Integrating Reproductive Health Care, Law and Research, ReproCen, DAP, Tagaytay c/o Dr. Ruth Mackin 1993 D 03-05

Basic Biotechnology Course, MBB Program, UP Diliman c/o Prof. Avshalom Mizrahi 1992 O 26-N 11

Introduction to Patient Care (IPC), c/o Ms. Agnes Gonzales, UP College of Medicine 1987 My-N

Strategies for the Implementation of Innovations in Medical Education, RTTC University of New South Wales, Sydney, Australia 1987 F 08-20

Workshop on the Preparation of Learning Modules, NTTC-HP Module Bank Staff 1984 Ag 14

Short Course in Medical Genetics, Jackson Laboratory, Bar Harbor, Maine, USA 1982 Jl 17-30

Workshop on Teaching-Learning, NTTC-HP, NTTC Conference Room 1981 Je 05-06

Management Seminar , UNILAB Management Group DAP, Tagaytay City 1981 My 01-03

Workshop on Student Evaluation, c/o Dr. Jose Ramirez, UERMMMCC (Antipolo,Rizal) 1975 My

Radioisotopes Technique Training Course, Philippine Atomic Energy Commission 1975 F-Mr

Teacher Training Workshop, c/o Dr. Presentacion Peralta, UERMMMCC (Baguio City) 1974 My 20-24

Seminar-Workshop on Medical Research, UERMMMCC c/o Dr. Fernando Sanchez 1973 S-N

Special Course on Collective Bargaining, Asian Labor Education Center University of the Philippines 1969 N

Researches

Completed
Use of variable number of tandem repeats (VNTRs) in the diagnosis of inborn errors of metabolism

Correlation of class ranking with immigration of UP Medicine Alumni

Urinary proteins in glomerulonephritis

Niacin metabolism
Comparison of serum HBV DNA and HbeAg/Ab as markers for infectivity of HbsAg + Mothers to their infants

DNA and monoclonal antibodies in HBV infection and other related diseases

Preliminary studies on the fetal cord blood as a means for the early detection of metabolic defects

Preliminary studies on the correlation between maternal and newborn thiamine nutriture

HBV DNA integration in lymphocytes and liver cells

Establishment of the Serum PHP assay in the assessment of hepatic fibrosis

Determination of blood enzymes and metabolites among normal Filipinos

Standardization of biochemical tests for screening and diagnosis of inborn errors of metabolism

Use of VNTRs in the diagnosis of inborn errors of metabolism

Use of VNTRs in the diagnosis of malignancies

Applicability of the TPP Effects (Dreyfus Method) on the Assessment of thiamine nutriture

**Papers Presented**


Reyes, M.V.T. (2007 O 27). Ethical Issues in Dementia Care, Monthly Seminar,
Bantay Matanda, Christ the King Seminary, E. Rodriguez Ext., Quezon City.


Reyes, M.V.T. (2006 S 21). Ethical Issues in the Diagnosis and Care of Patients with Dementia, Philippine Plaza Hotel, Roxas Blvd, CCP Complex.


Reyes, M.V.T. (2006 D 8). Ethical Considerations in Genetic Research, West Visayas State University, La Paz, Iloilo City.

Reyes, M.V.T. (2006 Ap 18). The Responsibility for a Beloved and Honorable Profession, West Visayas State University, College of Medicine, West Visayas State University Cultural Center, Iloilo City.

Reyes, M.V.T. (2005 S 20). Heroism and the UP College of Medicine, Class’ 64 Lecture Room, UP College of Medicine.

Reyes, M.V.T. (2005 O 20). Ethics and Leadership, Department of Internal Medicine College of Medicine and the Philippine General Hospital, Manila.

Reyes, M.V.T. (2005 O 18). Molecular Biology and the Future of Clinical Medicine, Molecular Biology and Nutrition UST Faculty of Medicine and Surgery, Room 217, Medicine Bldg., UST.

Reyes, M.V.T. (2005 O 03). The Public Role of the Faculty, UP Manila Social Hall.


Reyes, M.V.T. (2005 N 08). Sex and Sexuality in the Senior Years, Women's Health Care Foundation (WHCF), Silver Conference Room.


Reyes, M.V.T. (2003 Je 9). Ethical Issues in Reproductive Health, 95th UP Foundation Week Celebration, Arts and Sciences Lobby, UP Diliman, Quezon City.


Reyes, M.V.T. (). Bioethical Issues in Pediatrics, 24th Postgraduate Course in Pediatrics, UERM Memorial Medical Center, Century Park Hotel.

**Publications**


2006  Reyes, M.V.T. Public Policy. Trade and Health, Labor Migration, 2006 Ja-Je, 10(1).


**Name**  
Felicito Rodriguez  

**Place of Birth**  
Los Banos, Laguna  

**Date of Birth**  
May 2, 1948  

**Gender**  
Male  

**Civil Status**  
Married  

**Home Address**  
A3 Sampaguita St. UPCO Housing UPLB, College, Laguna 4031  

**Organizational Affiliations**  
- University Researcher, Institute of Plant Breeding, UPLB, College, Laguna 4031  
- Affiliate Faculty, Institute of Human Nutrition and Food, College of Human Ecology, UPLB, College, Laguna  

**Education**  
- B.S. Agricultural Chemistry, University of the Philippines Los Baños, UPLB, College, Laguna 4031 1974  

**Fields of Specialization**  
Analytical Chemistry  

**Employment**  
- System Administrator, Institute of Plant Breeding, CSC, UPLB, 2007 Ja-2009 Mr-  

**Association Membership**  
- Member, Kapisanan ng mga Kimiko sa Pilipinas, LB Chapter  
- Member, Philippine Association of Laboratory Instrument Users  
- Member, National Research Council of the Philippines  

**Honors / Awards**  
- Outstanding Junior Researcher, Institute of Plant Breeding 2002 Je  
- First Place Research Paper Category, Ilocos Agriculture and Resources Research and Development Consortium 2007  

**Trainings**  
- 37th KKP-ST Annual Convention, SEARCA Auditorium, UPLB, College, Laguna 2008  
- National Congress of the Philippine Fruits Association, Oasis Hotel, Splash Mountain, Lalakay, Los Baños, Laguna 2008  
- 5th Asian Food and Nutrition Safety Conference, Shangrila Mactan, Cebu City 2008  
- Convention of the Crop Science Society of the Philippines, Cebu City and KKP-LB Annual Convention, SEARCA, UPLB, College, Laguna 1998  
- FCSSP Annual Scientific Conference, Davao City, Davao City 1992  
- Isolation of concanavalin A-like structure from Sword bean, Nagoya University, Nagoya, Japan 1989 O 20- N 17  
- 2nd National Chemistry Congress, Iloilo City 1986  
- Use on isotachophoresis for the analysis of linamarin in cassava, Ochanomizu Women's University, Tokyo, Japan 1981 O 22-N 17
Researches

Completed

Development of Objective Indices (Biochemical, Physiological and Physical) for Varietal Identification of Mango

Morpho-biochemical Pathway of KNO3 in Mango Flower Induction

Enhancing Capacity for nematode Management in Small-scale banana Cropping Systems

Integrated R and R Program on Biofuels: Subprogram on Utilization of Sweet Sorghum and Cassava as Feedstocks for Ethanol Production. Project 3.1 Development of Production technology Protocol for Sweet Sorghum

Harnessing UPLBs Human Resource Development Through an Internally Managed Research Grant from DA-BAR.- Project 1. Collecting, Propagation, Characterization and Conversion of Species and Genetic Diversities of Philippine Mangiferas

Papers Presented


Protacio, CM., Serrano, EP, Quinto, E, Marquez, IP (2004). Unraveling the Role of Potassium Nitrate in Mango Flowering, 17th Regional Symposium on R & D Highlights, Plenary Hall, Rizal technological University, Boni Avenue, Mandaluyong City.


Baldiviano, PF, Mendoza, EMT, Laurena, AC (1997). Phenolic compounds in Coconut (Cocos nucifera, L) and Mango (Mangifera indica), Bulletin of the Philippine Biochemical and Molecular Biology.


**Publications**


2011 Rodriguez, F. Changes on the Antioxidant Activity and Total Phenolics Content of


<table>
<thead>
<tr>
<th>Name</th>
<th>Wilfredo P. Ronquillo</th>
</tr>
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<tbody>
<tr>
<td>Place of Birth</td>
<td>Malate, Manila</td>
</tr>
<tr>
<td>Date of Birth</td>
<td>July 13, 1948</td>
</tr>
<tr>
<td>Gender</td>
<td>Male</td>
</tr>
<tr>
<td>Civil Status</td>
<td>Married</td>
</tr>
<tr>
<td>Home Address</td>
<td>17 Ma. Dizon St., Gloria Heights Subd., Antipolo City, Rizal</td>
</tr>
<tr>
<td>Organizational Affiliations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Professorial Lecturer IV (part Time), Archaeological Studies Program University of the Philippines, Diliman, Quezon City, 1996</td>
</tr>
<tr>
<td></td>
<td>Board Member, UNESCO/ICOMOS International Committee on the Underwater Cultural Heritage, Inc., Fremantle, Western Australia. 1998</td>
</tr>
<tr>
<td></td>
<td>Curator II/Chief, Archaeology Division, National Museum, P. Burgos St., Manila</td>
</tr>
<tr>
<td></td>
<td>President,, Indo-Pacific Prehistory Association 2006-2008,</td>
</tr>
<tr>
<td></td>
<td>Member, Editorial Board, Society of Philippine Archaeologists, Katipunan Arkeologist ng Pilipinas, Inc., Manila, O 2003</td>
</tr>
<tr>
<td></td>
<td>Vice -President, Indo-Pacific Prehistory Association, Australian National University, Canberra, Australia 2002-2006</td>
</tr>
<tr>
<td></td>
<td>First President, Katipunan Arkeologist ng Pilipinas, Inc.,</td>
</tr>
<tr>
<td></td>
<td>Member, Board of Editors, Hukay: Bulletin of the University of the Philippines Archaeological Studies Program, Diliman</td>
</tr>
<tr>
<td></td>
<td>Professorial Lecturer IV (Part Time), Department of Anthropology University of the Philippines Diliman, Quezon City. Since 1994, Diliman, Quezon City, 1994</td>
</tr>
<tr>
<td></td>
<td>Member, National Cave Management and Conservation Committee, Protected Areas and Wildlife Bureau, Department of Environment and Natural Resources</td>
</tr>
<tr>
<td>Education</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MS Anthropolgy, University of Pennsylvania, Philadelphia, Pa., USA 1981</td>
</tr>
<tr>
<td></td>
<td>A.B. Anthropology, University of the Philippines, Diliman, Quezon City 1972</td>
</tr>
<tr>
<td>Fields of Specialization</td>
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<tr>
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<td>Anthropology</td>
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<tr>
<td>Employment</td>
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<tr>
<td></td>
<td>Conferred Scientist II, DOST/CSC, 2002 N-</td>
</tr>
<tr>
<td></td>
<td>Museum Curator II/Chief, National Museum of the Philippines, -</td>
</tr>
<tr>
<td>Association Membership</td>
<td></td>
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<tr>
<td></td>
<td>Member, University of the Philippines Alumni Association</td>
</tr>
<tr>
<td></td>
<td>Member, University of the Pennsylvania Alumni Association</td>
</tr>
<tr>
<td></td>
<td>Member, Indo-Pacific Prehistory Association, Australian University, Canberra, Australia</td>
</tr>
<tr>
<td></td>
<td>Member, Australian Inst. for Maritime Arch., Western Australian Maritime Museum, Fremantle, W. Australia</td>
</tr>
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<td>Regular Member, National Research Council of the Philippines, Division of Social</td>
</tr>
</tbody>
</table>
Sciences
Boar of Trustee (1997 - 99, 2001-02; 2006-08), National Research Council of the Philippines Foundation, Inc.

Executive Committee Member, Chairman for the Section on Anthropology and Linguistics, Social Science Division, NRCP

Board Member (1985-1988), Philippine Association of Museums, Incorporated


Member, Society of Historical Archaeology, Tucson, Arizona, U.S.A.

First President, 1999-2001, Katipunan Arkeologist ng Pilipinas, Inc.

Chairman, Philippine Associations of Museums, Inc. 2003-2004

President, Indo-Pacific Prehistory Association, Australian National National University, Canberra, Australia

Honors / Awards

M.Sc. in Anthropology (major in Archaeology), Ford Foundation Scholarship Grant 1978

Certificate of Recognition, Outstanding Individual PBL Rural Service Worker, Ministry of Education and Culture, Manila 1982 F 26

Certificate of Completion, Applied Project and Logistics Management, International Management Executive Center, Makati, Metro Manila 1983 S


Plaque of Appreciation, Philippine Dental Association, Manila 1990 Ap 26

Plaque of Appreciation, Rotary Club of New Manila East District 378, Quezon City 1991 My 14

Certificate of Training, Civil Service Commission Junior Executive Training Program, CSC-NCR, Quezon City 1991 Je 28

Plaque of Appreciation, Philippine Dental Association, Inc, Manila 1993 F 2

Plaque of Appreciation as Guest Lecturer, The Philippine Association of Hospitals Dentists, Mandaluyong, Metro Manila 1993 My 16

Plaque of Appreciation as Guest Lecturer, The Occupational Dentist Association of the Philippines, Greenhills, Metro, Manila 1993 D 09


Loyalty Award, 25 Years of Dedicated and Very Satisfactory Service in the National Museum, National Museum Week and the Museum and Galleries Month in Manila 1999 O

Plaque of Appreciation as a Gesture and Sincere Appreciation for His Support as Resource Speaker, Aggao Nac Cagayan Festival 2003, Cagayan Colleges, Tuguegarao 2003 Je 25

Certificate of Appreciation, as Lecturer in the Tour Guides, National Museum, Department of Tourism and the National Commission for Culture and Arts 2004

Certificate of Appreciation as Lecturer on, Annual Conference of the Katipunan
Arkeologist ng Pilipinas, U.P. Diliman, Q.C. 2004 D 10

Certificate of Appreciation as Lecturer, Scientific Forum Organized by the Scientific Career System, Philippine Plaza, Manila 2005 Jl 16

Trainings

Cultural Heritage Program on Cebu Life from the Ground: Archaeology and Cultural Property, Bryant George Hall, Eduardo Aboitiz Development Studies Center, Cebu City 2008 Ap 24

Control Methods Against Wood Insect and Fungal Attack on Bamboo, Rattan, Twigs and Vines, CLSU Training Center, Science City of Munoz, Nueva Ecija 2007 Jl 19-20

Stone Boat Shape Burials, Statuettes and Carvings in the Philippines, Changhewng Country, Chollanam-do Province, South Korea 2007 O 06-08

Sharing Our Archaeological Heritage: The Philippine Experience, Hotel New York, Johor Bahru, Malaysia 2007 N 11-15

Building Prehistoric Research in Southeast Asia, Paris, France 2007 D 10-12

New Discoveries in Philippine Archaeology in the Past Ten Years, The 1st Studies Conference of Japan, Tokyo Green Palace Hotel, Tokyo, Japan 2006 N 11-12


The Philippine Between Asian and Oceania, Bulwagang Sala’am, Romulo Hall, Asian Center, University of the Philippines, Q.C. 2005 Mr 2-3

Rice Research and Technology Towards National Productivity and Growth, Samar and Leyte Rooms Westin Plaza, Manila 2005 Jl 16

Foreign Service Institute FSO Cadetship Course Batch XIII., 2005 Ag 26-S 13

Lecture on the Philippine Prehistoric Foundation, National Museum 2005 Ag 26


5th Annual Conference Of the Katipunan Arkeologist ng Pilipinas, Balay Chancellor, University of the Philippines Diliman, Quezon City 2004 D 10

Tour Guides, Training, Quezon, Palawan 2004 Ag 25-27

Philippine Archaeology in Retrospect, Lecture and Exhibition of Artifacts from the Archaeology Div, Multi Purpose Hall, UP Baguio, Baguio City 2004 Ag 04

Philippine Association of Museums, Inc., 2003-2004

Scientific Symposium, Hotel Rembrandt 2003 S 19

4th Annual Conference of the Katipunan Arkeologist, La Mesa Dam Conference Hall, Quezon City 2003 O 23-25

The Pivotal Role of Cagayan Province in Philippine Prehistory, Aggao Nac Cagayan Festival 2003 Je 25

Highlights of Philippines Prehistory, Ateneo de Manila University Class, Ateneo Campus, Loyola Heights, Q.C. 2003 D 16

DENR-NM Drafting on a Memorandum of Agreement re Wildlife Conservation and Protection Act RA 9147, 2003


Museums and Repositories and Purveyors of the Cultural Heritage of the Country,
Tambunting Hall, Museum of the Filipino People, National Museum, Manila 2003
17th Congress of the Indo-Pacific Prehistory Association, Academia Sinica, Taipei, Taiwan 2002 S 8-17
A Forum on, Mercedes B. Conception Seminar Room, PSSC Center, Diliman Quezon City 2002 O 19
Visayas Archaeological Roundtable Meeting, Peak Hotel and Suites, Cebu City 2002
SEAMEO-SPAFA Seminar on Archaeological Impact Assessment in Southeast Asia, Bangkok and Lop Buri, Thailand 2001 My 21-24
3rd International Symposium on the World Megalithic Culture, Southern Cholla Province and Seoul, South Korea 2000 O 6-10
UNESCO Meeting on the Southeast Asian Sub-Regional Workshop, Sukhothai, Thailand 2000 F 14-19
Meeting in the Curriculum, Status and Direction of the Archaeological Studies Program, University of the Philippines, Diliman, Quezon City 1999 N 18-19
International Colloquium on Archaeology in Southeast Asia in the 3rd Millennium., Penang, Malaysia in conjunction with the 30th Anniversary Celebration of University Sains Malaysia 1999 S 25-O 1
Symposium on Premodern Southeast Asian Earthenware, Singapore 1998 Jl 9-11
A Special Exhibition: The Cultural Exchange between East and West in the 16th and 17th Century, Galleon Trade and the V.O.C, Tobacco and Salt Museum, Shibuya-ku, Tokyo, Japan 1998 Jl 11-O 6
16th Congress of the Indo Pacific Prehistory Association., Melaka, Malaysia 1998 Jl 1-7
San Diego Galleon Exhibition, Museum for Volkerkunde, Berlin, Germany 1997 S 04
Opening of Underwater Archaeology Exhibit from the Philippines, Commerzbank Building, Frankfurt, Germany 1997 S 03
SEAMEO-SPAFA Conference on Current Development Of Southeast Asian Archaeology and Museums Studies, National Museum, Manila, Philippines 1997 My 6-10
Workshop on the Preparation of Criteria for Cave Categorization, Protected Areas and Wildlife Bureau Conference Room, Ninoy Aquino Park, Diliman Q.C. 1997 D 03
12th SEAMEO-SPAFA Governing Board Meeting, Melaka, Malaysia 1997 Ag 3-7
6th International Conference of the European Association of Southeast Asian Archaeologist, Leiden, Netherlands 1996 S 2-10
SEAMEO-SPAFA Consultative Meeting for the 3rd Five year Development Plan, Krungsri River Hotel, Ayutthaya, Thailand 1995 D 11-15

Conceptualization, Development and Subsequent creation of the Archaeological Studies Program, University of the Philippines, Diliman, Quezon City 1995

13th Conference of the International Association of Historians of Asia, Sophia University, Tokyo Japan 1994 S 5-09

15th Conference on Local and National History, Palawan State College, Puerto Princesa City, Palawan 1994 O 19-21

8th SEAMEO-SPAFA Governing Board Meeting., SPAFA Centre, Bangkok, Thailand 1993 S 29-03

National Research Council of the Philippines Division of the Social Sciences Workshop, NRCP Compound, Taguig, Metro, Manila 1993 S 23

SEAMEO-SPAFA's Conference on the Development of Archaeology in Southeast Asia, SPAFA Centre, Bangkok, Thailand 1993 Mr 8-14

Curricular Proposal of the Diploma in Museum Studies Program, Department of Arts Studies, University of the Philippines 1993 Mr 03

59th Annual Meeting of the National Research Council of the Philippines, Hotel, Nikko Manila Garden, Makati, Metro Manila 1992 Mr 21


SEAMEO-SPAFA's Consultative Workshop on Underwater Archaeological Research, Jakarta, Banten and Serang, Indonesia 1992 Je 29-Jl 05

10th Annual Conference of the Australian Institute of Maritime Archaeology, Adelaide, South Australia 1991 S 23-29

JET-STREAM PROGRAM, Civil Service Commission, National Capital Region, Quezon City 1991 Je 10-28

Regional Conference on the Silk Roads Maritime Silk Trade with Manila, Intramuros, Manila 1991 F 5-6

Thai 2nd International Colloquium for Archaeology, Silpakorn University, Bangkok, Thailand 1991 D 9-11


Meeting of the State of Southeast Asian Archaeology: 10th-17th Centuries, Research Centre for Southeast Asian Ceramics, University of Adelaide, South Australia 1989 S 12

8th Annual Conference of the Australian Institute for Maritime Archaeology, Perth, Australia 1989 S 04-10

6th Intra-ASEAN Archaeological Excavation and Conservation Programme, Brunei, Darussalam 1989 O 22-N 15

3rd National Convention in Productivity in Public Service, Civil Service Commission and the Development Academy of the Philippines 1988 O 11-12

Indo-Pacific Prehistory Association Congress, Tokyo, Japan 1987 S 4-8

Museum Survey Team Visit to the People's Republic of China, Beijing, Shanghai, Xian, Hangzhou and Guangzhou 1987 S 16-29

SEAMEO-SPAFA Seminar on the Pre-history of the Southeast Asia, Bangkok, Surat Thani, Phangnga, and Krabi, Thailand 1987 J 12-25
Third Intra-ASEAN Archaeological and Conservation Programme, Butuan City, Philippines 1986 N 16-D 10
SEAMEO-SPAFA Training Course in Ethnoarchaeology, Manila and Bohol, Philippines 1986 JI 22-S 22
SEAMEO-SPAFA Consultative Workshop on Archaeological and Environmental Studies, Sriwijaya: Jakarta, Padang, Prapat, and Medan, Indonesia 1985 S 16-30
Intra-ASEAN Archaeological and Conservation Programme, Bujang Valley, Kedah, Malaysia 1985 O 04-27
Philippine Organizing Committee for the 12th Indonesian Pacific Prehistory Association Conference, Cagayan Province, Philippines 1985 Ja 26-F 04
SEAMEO-SPAFA Consultative Workshop on Research in Maritime Shipping and Trade Networks, Southeast Asia, Indonesia 1984 N 20-27
SEAMEO-SPAFA Training Course in Prehistory, Manila and Anda, Bohol, Philippines 1984 Mr-Ap 20
SEAMEO-SPAFA Training Course in Scientific Illustration, Manila and Candijay, Bohol Philippines 1984 Ag 01-S30
SCUBA Diving Training Course, Professional Association Of Diving Instructor Open Water SCUBA Diver Cardholder 1983 N 18- D 5
9th Congress of the International Association of Historians of Asia, Philippine Social Science Council, Quezon City 1983 N
SEAMEO-SPAFA Personnel Exchange Program, A Tour of Museums and Archaeological Sites in North and Northeastern Thailand 1983 My 2-15
SEAMEO-SPAFA Ceramics Workshop, Cebu City, Philippines 1983 F 15-20
SEAMEO-SPAFA Training Course in Ethnoarchaeology, Manila and Iguig, Cagayan Province, Philippines 1982 Ja 15-My 15
SEAMEO-SPAFA Training Course in Prehistory, Manila and Penablanca, Cagayan Province, Philippines 1981 Ja 15-My 15
1st ASEAN Summer Field School in Archaeology, San Piro, Batangas, Philippines 1973 My 2- 31

Researches

Completed
Significant Finds from a Decade of Philippine Archaeological Research: 1996-2006

Papers Presented


### Publications

<table>
<thead>
<tr>
<th>Year</th>
<th>Author(s)</th>
<th>Title</th>
</tr>
</thead>
</table>


Name       Raul K. Suarez
Gender     Male
Civil Status Single

Organizational Affiliations
Research Associate (honorary), Department of Zoology, University of British Columbia, Vancouver, B.C., Canada V6T 2A9
Editor, Journal of Experimental Biology,
Associate Editor, Theoretical Biology and Medical Modeling,
Associate Professor, Department of Ecology Evolution and Marine Biology University of California, Santa Barbara, California 93106-9610

Education
Ph.D Zoology, University of British, Columbia, Vancouver 1981
MS Zoology, University of the Philippines, Diliman, Quezon City 1976
BS Biology, Ateneo de Manila University, Manila 1973

Fields of Specialization
Ecological consequences and evolutionary implications of metabolic biochemistry:
Evolutionary Design of Functional Capacities
Energetics of Locomotion
Zoology
Comparative Physiology & Biochemistry

Employment
Research Associate, Department of Zoology, University of British Columbia, Vancouver, B.C., 1984-90-
Postdoctoral Research Scholar, Department of Pharmacology, Stanford University School of Med, 1982-83-
Senior Lecturer, University of the Philippines-Southeast Asian Fisheries Development Center, 1981-82-
Teaching Assistant, Department of Zoology, University of British Columbia, Vancouver, B.C., 1976-80-
Instructor, Department of Zoology, University of the Philippines, Los Banos, Laguna, Philippines, 1975-76-
Research Assistant, Department of Zoology, University of the Philippines, Diliman, Quezon City, 1973-74-
Senior Researcher, Aquaculture Department, Southeast Asian Fisheries Development Center, Tigbauan, Iloilo, 1981-82-

Association Membership
Member, Philippine-American Academy of Science and Engineering
Editorial Board Member, International Journal of Zoology

Honors / Awards
1995 Plenary Speaker, International Congress of Comparative Physiology and Biochemistry, Birmingham, mm
Balik Scientist Award, DOST 2008
Balik Scientist Award, DOST 2011

Trainings

Roles of hierarchical and metabolic regulation in orchid bee metabolic scaling, University of California, Riverside 2009

Hummingbird flight: Bioenergetics to behavior, Ottawa-Carleton Institute of Biology, Ottawa, Ca 2008

Roles of hierarchical and metabolic regulation in the allometric scaling of Panamanian orchid bees, Dept. of Ecology and Evolution, Univ. of California, Santa Cruz 2008

Sustaining the highest mass-specific metabolic rates in the animal kingdom, Dept. of Physiology 2005

Biotechnology Laboratory short course: Techniques in Molecular Biology, University of British Columbia 2004

Evolutionary design of biochemical pathways: lessons from the birds and the bees, Smithsonian Tropical Research Institute, Balboa, Panama 2001

Upper Limits to Metabolic Rates, Dept. of Zoology, Arizona State University, Tempe, Arizona 1999

Molecules, muscles and meadows: in search of the third secret of life, Dept. of Ecology and Evolutionary Biology, Princeton University, Princeton, New Jersey 1998

Upper limits to mass-specific metabolic rates, Department of Marine Biology, Scripps Institution of Oceanography, La Jolla, San Diego, CA Arizona 1998

Molecules, muscles and meadows: in search of the third secret of life, Dept. of Ecology and Evolutionary Biology, Princeton University, Princeton, New Jersey 1998

Molecules, Muscles and Meadows, Hopkins Marine Station, Stanford University, Pacific Grove, California 1997

Molecules, muscles and meadows: in search of the third secret of life, Dept. of Biology, Queens University, Kingston, Ontario, Canada 1997

Evolutionary Design of Functional Capacities at the Biochemical Level, Department of Ecology and Evolutionary Biology, University of California, Irvine, CA. 1996

Sustaining the Highest Mass-specific Metabolic Rates in the Animal Kingdom, University of California, Santa Cruz 1996

Sustaining the Highest Mass-specific Metabolic Rates in the Animal Kingdom, University of California, Santa Cruz 1996

Are Metabolic Pathways Designed Optimally?, Department of Marine Biology, Scripps Institution of Oceanography, La Jolla, San Diego, CA. 1995

Molecules, muscles and meadows: in search of the third secret of life, Department of Biology, University of Miami, Coral Gables, Miami, Florida 1994

Molecules, muscles and meadows: in search of the third secret of life, Department of Biology, University of New Mexico, Las Cruces, NM 1994

Molecules, muscles and meadows: in search of the third secret of life, Department of Biological Sciences, University of California, Santa Barbara, CA 1994

Sustaining the Highest Mass Specific Metabolic Rates Among Vertebrates, Arizona State University, Arizona State University, Tempe, AZ 1994
Molecules, muscles, and meadows: in search of the third secret of life, Department of Biology, University of Houston, Houston, Texas 1993

Hummingbird flight, Department of Biological Sciences, Florida International University 1993

Hummingbird flight, Department of Biological Sciences, Wilfrid Laurier University, Waterloo, Ontario, Canada 1992

1992 Hummingbird flight: sustaining the highest mass-specific metabolic rates among vertebrates, Department of Biology, Utah State University, Logan, Utah 1992

Fuel selection in rufous hummingbirds, Department of General Physiology, University of Sao Paulo, Sao Paulo, Brazil 1991

1991 Sustaining the highest mass-specific metabolic rates in the Animal Kingdom, Department of Physiology, UCLA Medical School, Los Angeles, California 1991

Hummingbird flight: energy metabolism, ecological and evolutionary implications, Concord Field Station, Museum of Comparative Zoology, Harvard University, Mass, USA 1991

Hummingbird flight: energy metabolism and ecological implications, Department of Biological Science, Simon Fraser University, Burnaby, B.C. 1990

Glucose metabolism in teleost fishes, Department of Developmental and Cell Biology, University of California at Irvine, Irvine, CA 1989

Sustaining the highest mass-specific VO2max in the vertebrate world, Department of Biological Sciences, University of Calgary, Calgary, Alberta 1988

2nd International Congress of Comparative Physiology and Biochemistry, Baton Rouge, Louisiana 1988

University of British Columbia/Society for the Prevention of Cruelty to Animals Short Course in Animal, University of British Columbia, Vancouver, B.C. 1988

Glucose metabolism in teleost fishes, Bamfield Marine Station, Bamfield, B.C. 1987

Control of carbohydrate metabolism in salmonid fishes, Department of Animal Science, University of British Columbia, Vancouver 1987

Hormonal Control of Gene Expression; Molecular Biology Techniques for Physiologists, American Physiological Society 38th Annual Fall Meeting, San Diego, California 1987

Papers Presented


Publications


Dindo Agustin Ancajas Tabanao

**Place of Birth**
Badian, Cebu

**Date of Birth**
August 28, 1973

**Gender**
Male

**Civil Status**
Single

**Home Address**
Philippine Rice Research Institute, Maligaya, Muñoz 3119, Nueva Ecija

**Organizational Affiliations**
Supervising Science Research Specialist, Philippine Rice Research Institute, Maligaya, Muñoz, Nueva Ecija

**Education**
- Ph.D. in Applied Plant Sciences - Plant Breeding and Molecular genetics, University of Minnesota, Saint Paul, Minnesota, USA 2006
- MS Plant Breeding, Minor in Statistics, University of the Philippines at Los Baños, College, Laguna 2000
- B.S. in Agriculture Major in Agronomy (Cum Laude), University of the Philippines at Los Baños, College, Laguna 1994

**Fields of Specialization**
- Plant breeding (irrigated lowland rice, upland rice, insect and disease resistance, drought tolerance)
- Molecular genetics (marker-assisted selection, genomewide selection, gene mapping, DNA fingerprinting, structural genomics, SNP discovery
- Statistics (experimental design, mixed model analysis, genotype by environment interaction) Population genetics (genetic variance, kinship, linkage disequilibrium, population structure, association analysis)

**Association Membership**
- Member, Philippine Society of Biochemistry and Molecular Biology
- Member, Crop Science Society of the Philippines
- Member, Crop Science Society of America
- Member, Gamma Sigma Delta Honor Society of Agriculture, UPLB Chapter
- Member, Phi Kappa Phi Honor Society, UP Chapter
- Member, Phi Sigma Honor Society for the Biological Sciences, UP Chapter

**Honors / Awards**
- AFMA R&D Papaer Award, Bureau of Agricultural Research 2011
- Third Place, Best Poster, Federation of Crop Science Societies of the Philippines 2011
- Outstanding Research Staffer (Level 3), Philippine Rice Research Institute 2010
- Research Fellowship (Wageningen University), Generation Challenge Program 2008-2009
- Special Citation NAST Talent Search for Young Scientist, NAST 2007
- Scholastic Achievement Award, Philippine Rice Research Institute 2006
- Plant Genome Annotation Workshop Scholarship, The Institute for Genomic research (TIGR) 2006
Summer Institute in Statistical genetics Scholarship, University of Washington Seattle 2006
Operation Student Connection, American Seed Research Foundation 2004
Summer Institute in Statistical Genetics Scholarship, North Carolina State University 2004
Graduate Research Assistantship, University of Minnesota, Dept. of Agronomy and Plant Genetics 2003-2004
Scholarship Achievement Award, PRRI 2001
Pioneer International Scholarship, Pioneer Hi-Bred 2002-2005
Travel Grant (to attend the Int. Plant and Animal Genome Conference, PAG IX), The Rockefeller Foundation 2001
Award of Excellence, Gamma Sigma Delta Honor Society of Agriculture 1994

Trainings
Insights and Opportunities in Microarray-Based Studies: Doing Research at the UP-Manila NIH Microarr, National Institute of Health, UP Manila 2011 S 2
Insights and Opportunities in National Institutes of Health, Microarray-Based Studies:, UP Manila Research at the' UP Manila-NIH 2011 S 2
Seminar on Rice Biotechnologies at PhilRice, DENR Social Hall, Diliman, Quezon City 2011 N 17
Stakeholders' Workshop on Genomics Research and Development Program of DOST, Bicutan, Taguig City 2011 N 17
Seminar on Rice Biotechnologies, DENR Social Hall, Diliman, Quezon City 2011 N 17
Establishment of Community-Based Seed Banks, NOMIARC, Malaybalay City, Bukidnon 2011 My 9-13
Forum on Modern Agricultural Biotechnology: Philippine Experience and Opportunities, SM Mall of Asia, Pasay City 2010 N 22
23rd National Rice R&D Conference, Philippine Rice Research Institute, Munoz, Nueva Ecija 2010 Mr
Rice Variety Development Review and Planning Workshop, Ibay's Zion Apartelle, Baguio City, Benguet 2010 F 17-19
6th International Symposium on Rice Genetics Philippines, Manila Hotel, Manila, Philippines 2009 N
17th International Plant and Animal Genome, San Diego, CA, USA 2009 Ja
GCP Workshop on iMAS Testing, ICRISAT, Patancheru, India 2009 Ag 24-26
Generation Challenge Program Workshop on Reference Sets of Food Crop Germplasm for Internatio, Montpellier, France 2008 N 13-17
Crop Science Society of the Philippines 38th Annual Scientific Conference, Iloilo City, Philippines 2008 My 12-16
ICIS Developer's Workshop, International Rice Research Institute, Los Baños, Laguna 2008 Mr 3-7
21st National Rice R&D Conference, Philippine Rice Research Institute, Munoz, Nueva Ecija 2008 Mr 11-13
International Workshop and Hands-on Training on Marker-Assisted Selection, Barwale Knowledge and Study Center, Jalna, Maharashtra, India 2008 Ag 4-8
Rice Breeding Course: Laying the Foundation for the Second Green Revolution, International Rice Research Institute, Los Baños, Laguna 2007 O 1-12
Rice Breeding Course: Laying the Foundation for the Second Green Revolution, International Rice Research Institute, Los Banos, Laguna 2007 O 1-12

Federation of Crop Science Societies of the Philippines Annual Scientific Conference, Tagaytay City, Cavite 2007 Je 13-15

Federation of Crop Science Societies of the Philippines Annual Scientific Conference, Tagaytay City, Cavite 2007 Je 13-15

Supporting Intellectual Property Management at Public Institutions in Southeast Asia, Philippine Rice Research Institute, Muñoz, Nueva Ecija 2007 Ag 3

Supporting Intellectual Property Management at Public Institutions in Southeast Asia, Philippine Rice Research Institute, Munoz, Nueva Ecija 2007 Ag 3

Plant Genome Annotation Workshop, The Institute for Genomic Research, Rockville, Maryland, U.S.A. 2006 Je 26-30

Summer Institute in Statistical Genetics (Molecular phylogenetics), University of Washington, Seattle, Washington, U.S.A. 2006 Je 19-21

International Plant and Animal Genome XIV, San Diego, California, U.S.A. 2006 Ja

International Plant and Animal Genome XIII, San Diego, California, U.S.A. 2005 Ja

14th National Rice R&D Conference, Philippine Rice Research Institute, Munoz, Nueva Ecija 2001 Mr 7-9

International Plant and Animal Genome IX, San Diego, California, U.S.A. 2001 Ja

International Rice Information System, International Rice Research Institute, Laguna 2001 F 5-9

4th International Rice Genetics Symposium, International Rice Research Institute, Los Baños, Laguna 2000 O

12th National Research Symposium, Diliman, Quezon City 2000 O

Asia Pacific Conference on Plant Tissue, National University of Singapore, Culture and Agribiotechnology Queenstown, Singapore 2000 N


National Academy of Science and Technology 22nd Annual Scientific Meeting, Manila Hotel, Manila 2000 JI

Philippine Society for Biochemistry and Molecular Biology 27th Annual Scientific Convention, Tigbauan, Iloilo 2000 D 6-8

International Workshop on the Integration of Biodiversity & Genome Technology for Crop Improvement, Epochal Tsukuba International Congress Center, Tsukuba, Japan 2000 D 1-N 28

Database Management Workshop and Selection of Breeding Materials, Ubon Rice Research Center Center, Ubonratchathani, Thailand 1999 O 4-8

International Crop Information System (ICIS) Workshop, International Rice Research Institute, Los Baños, Laguna 1999 Mr 8-12

1st Philippine Rice R, D, and E Scholars’ Forum, Philippine Rice Research Institute, Muñoz, Nueva Ecija 1999 JI 26-27

National Academy of Science and Technology 21st Annual Scientific Meeting, Manila Hotel, Manila 1999 JI

Philippine Society for Biochemistry and Molecular Biology 26th Annual Scientific Meeting, Munoz, Nueva Ecija 1999 D 9-11

8th SABRAO General Congress and Annual Meeting of the Korean Breeding Society,
Seoul, South Korea 1997 S 23-26

Researches

Completed

Application of molecular markers in varietal fingerprinting and protection, Biotechnology Research for Rice Varietal Development at PRRI

The use of relatedness information in linkage disequilibrium mapping: pedigree information versus molecular marker information (Principal Investigator, USD 25,000)

Haplotype Polymorphism in POLyploid Wheats and their Diploid Ancestors

Accelerating the development and adoption of high-yielding rice varieties and associated technologies for the major ecosystems of the Philippines (Team member, PHP 136,360,290)

Marker-assisted recurrent selection for high yield in rice (2007-2010)

Recurrent and genomewide selection for enhancing yield in rice (Proj Lead, USD 30,000)

Marker-assisted selection for disease resistance genes in inbred line development (2007-2010)

GCP Genotyping Support Services (Proj Lead, USD 15,000)

Marker-aided backcrossing for resistance to bacterial leaf blight and tungro virus in rice hybrids and parentals (2008-2010)

Genomic tools in breeding for drought tolerance (2008-2010)

Ongoing

Mutation breeding and molecular genetics of adaptation to high temperature in rice

Molecular Genetics and Transfer of Tungro Resistance in ARC11554 to Modern Varieties (2011-2015)

Marker-assisted selection for disease resistance genes in inbred variety development (2011-2015)

Marker-assisted selection for disease resistance genes in hybrid variety development (2011-2015)

Genomewide selection for grain yield (2011-2015)


Breeding of inbred rice for upland areas and drought adaptation (2011-2015)

Multi-environment and adaptability tests of elite breeding lines in upland areas (2011-2015)

Marker-assisted pyramiding of bacterial blight and tungro resistance genes from transgenic and landrace donors (2008-2010)

Institutionalizing the Department of Agriculture (DA)DNA Library-DNA Barcoding of Philippine Crop

Genetic diversity of Philippine traditional varieties and wild rice species at grain quality and genomewide loci

Papers Presented


using microsatellite DNA profiles, International Plant and Animal Genome Conference.


**Publications**


<table>
<thead>
<tr>
<th>Name</th>
<th>Bernard John V. Tongol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Place of Birth</td>
<td>Quezon City</td>
</tr>
<tr>
<td>Date of Birth</td>
<td>September 26, 1977</td>
</tr>
<tr>
<td>Gender</td>
<td>Male</td>
</tr>
<tr>
<td>Civil Status</td>
<td>Single</td>
</tr>
<tr>
<td>Home Address</td>
<td>Department of Chemistry, College of Science, University of Santo Tomas</td>
</tr>
</tbody>
</table>

**Organizational Affiliations**

- Assistant Professor, Department of Chemistry, College of Science, University of Santo Tomas, Espana, Manila 1015 Philippines
- Researcher / Project Leader, Research Center for the Natural Sciences, University of Santo Tomas, Espana, Manila 1015 Philippines

**Education**

- Ph.D. in Engineering (major in Applied Chemistry), Tohoku University, Sendai, Japan 2007 Mr
- M.Sc. Chemistry, University of Santo Tomas, Manila 2001 O
- B.Sc. Chemistry, University of Santo Tomas, Manila 1998 Mr

**Fields of Specialization**

- Electrochemical Surface Science
- Chemistry
- Engineering - Applied Chemistry
- Nanotechnology
- Material Science

**Employment**

- Chairman, Dept. of Chemistry, College of Science, University of Santo Tomas, 2010 Je-2011 My
- Project Leader, Nanotechnology Project, Philippine Council for Advanced Science and Technology Research and Development-DOST, 2009 Ja - 2010 Jl
- Instructor, Dept. of Biochemistry, Faculty of Pharmacy, University of Santo Tomas, 2001 N -2003 Mr
- Instructor, DEpt. of Medical Technology, University of Baguio, Baguio City, 1998 N - 2000 Mr

**Association Membership**

- Board Member, Kapisanang Kimika ng Pilipinas - Division of Analytical Sciences (KKP-DAS)
- Member, Integrated Chemist of the Philippines
- Member, Philippine Association of Japan Ministry of Education Scholars (PhilAJAMES)
- Member, National Research Council of the Philippine (NRCP)

**Honors / Awards**

- Best Research Poster, PhilAAS 2009 S
Travel Grant, ACS-PITTCON(USA) 2008 Mr
Research Grant on Nanotechnology, PCASTRD-DOST 2009 Ja
1st Place Scientific Poster Competition, during Dept. of Chemistry Research Poster Contest, UST College of Science 2010 F 1-5
Best Thesis 2011 (as Thesis Adviser, during Chemical Engineering Week, UST Dept. of Chemical Engineering 2011 F 14-19
2nd Place, Scientific Poster Competition, UST College of Science 2010 F 1-5
Benavides Outstanding Achievement Award (for Outstanding Achievement of Regional, National and Inter, UST Student Awards
Exchange Student Fellowship awarded to Lei Angeli Morenos, M.S. Chemistry thesis student of B.J.V. Tongol, Department of Science and Technology 2011 Je - 2012 Mr
Research Grant awarded to Hao Yuhn Hsu, M.S. Chemistry thesis student of B.J.V. Tongol, Department of Science and Technology 2011 Je - 2012 Mr
Champion, National Undergraduate Research Contest 2011 for I. Climaco, J. Telan, F. Malijan (B.J.V., PIChE 2011 F
Outstanding Thesis Award (Chemistry), Molecular Assembly of 3,4 ethylenedioxythiophene and its elect, PCASTRD-DOST 2010 D 10
Research Grant (P2.1 million), Development of Au(1 11) and Pt(111) Single Crystals as Substrates... PCASTRD-DOST 2009 Ja
Travel Grant, Research visit to the Department of Chemistry, National Central University, Taiwan, R., PCASTRD-DOST 2010 My 1-8
Best Scientific Poster, "Development of Electrocatalyst based on Pt/Ru Metallic Particles for Fuel C, PhiAAS 2009 S 10-11
Travel Grant, Environmental Protection and Energy Technology (EPET) Workshop, National Science Council, Taiwan 2011 Ag 15-28
Young Scholar Award / Travel Grant, Pacifichem 2010, Honolulu, Hawaii, USA., American Chemical Society 2010 D
Travel Grant, Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy (Pittcon 200, American Chemical Society (ACS) 2008 Mr 1-7
Travel Grant, 207th Meeting of The Electrochemical Society, Quebec City, Canada, The Electrochemical Society (ECS), USA 2005 My
Outstanding Young Scientist (OYS), National Academety of Science and Technology (NAST) 2010

Trainings
78th General Membership Assembly, National Research Council of the Philippines, Manila Hotel, Philippines 2011 Mr 9
33rd Annual Scientific Meeting of the National Academy of Science and Technology, Manila Hotel, Philippines 2011 JI 14
Graduate Research Colloquium, UST-GS 2011 F 5
26th Philippine Chemistry Congress, Waterfront Hotel, Cebu City 2011 Ap 13-15
Environmental Protection and Energy Technology (EPET) Workshop, National Science Council, National Tsing Hua University, Taiwan 2011 Ag 15-28
77th General Membership Assembly, NRCP, Manila Hotel, Philippines 2010 Mr 10
32nd Annual Scientific Meeting of the National Academy of Science and Technology, Manila Hotel, Philippines 2010 Jl 14-15
KKP-DAS 1st Graduate Research Symposium on Analytical Science (as Organizing Committee Member, and M, UP-Ayala Technohub Conference Room, (KKD-DAS, PCASTRD-DOST, UP Institute of Chemistry) 2010 F 15
25th Chemistry Congress, Subic Bay Exhibition and Convention Center, Olongapo City 2010 Ap 8-10
Materials Preparation using Buehler Ecomet Grinder/Polisher, Hong Kong 2009 S 6-9
29th Annual Philippine-American Academy of Science and Engineering Meeting and Symposium (29APAMS), Ateneo de Manila University, Manila 2009 Jl 13-15

Researches

Completed
Adsorption and Electropolymerization of 3,4-ethylenedioxythiophene on Au (100)Single Crystal Electrode in 0.1 M HCLO4 as proved by in-situ Electrochemical Scanning Tunneling Microscopy
Development of Fuel Cell Electrocatalyst based on PEDOT-Modified Pt(111)1 Nanocomposite Film Towards Ethanol Oxidation: Electrochemical and Surface Properties
Electrochemical, Electrocatalytic and Surface Studies of Poly(3,4-ethylenedioxythiophene- and Polypyrrole-Au, Metallic Particles Composite on Au Polycrystalline-Electrode
Electrochemical and in Situ Scanning Tunneling Microscopy Studies of 3,4-ethylenedioxythiophene (EDOT) Self Assembled Monolayers (SAM) on Au (111) Single Crystal Electrodeof Electroactive Polymers and Oligomers of Thiophenes
Electrochemical Scanning Tunneling Microscopy of Electroactive Polymers and Oligomers of Thiophenes
Nanostructured Electrocatalysts Dispersed on Poly(3,4-ethylene dioxythiophene) (PEDOT)Matrix for Direct Ethanol Fuel Cell Applications

On-going
Development of Au(111) and Pt(111) Single Crystals as Substrates for Nanomaterials: Preparation, Characterization, and Applications
Electrocatalytic Activity of PEDOT-Modified Au(111) Nanocomposite Film Towards Ethanol Oxidation for Fuel Cell Application

Papers Presented


Climaco, I., Telan, J., Malijan, F., Garcia, J., Fulo, H.M., Tongol, B.J.V. (2011 F 16-18). Fabrication of electrocatalyst based on PEDOT-PSS supported Pd Nanoparticles for Ethanol Electro-oxidation, 72nd Philippine Institute of Chemical Engineers (PIChE) National Convention, Colegio de San Agustin Bacolod and L'Fisher Hotel, Bacolod City, PIChE.


Lapitan, L.D.S., Jr., Tongol, B.J.V., Yau, S.-L. (2010 Ap 8-10). Adlaver Structures of 3,4- ethylenedioxythiophene (EDOT) and its Electropolymerization on Bare Au(111) r2 Single Crystal Electrode as Probed by In Situ Electrochemical STM in 0.1 M HClO4, 25th Philippine Chemistry Congress, Subic Bay Exhibition and Convention Center, Zambales, OCTA, UST Chemistry Department, and PFCS.

Convention Center, Zambales, OCTA, UST Chemistry Dept. and PFCS.


assembly and electropolymerization of 3,4-ethylenedioxythiophene (EDOT) on bare Au(1 1 1) single crystal electrode as probed by electrochemical scanning tunneling microscopy, 32nd National Academy of Science and Technology Annual Scientific Meeting, Manila Hotel, NAST.


Publications


2008 Tongol, B.J.V., Wang, L., Yau, S.L., Otsubo, T., Itaya, K. Au(111) as electrode material for the absorption of Oligothiophenes. Proceedings of the Philippine Association for the Advancement of Science (PhilAAS), UST, Manila, 2008 S.


<table>
<thead>
<tr>
<th>Name</th>
<th>Lucille C. Villegas</th>
</tr>
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<tbody>
<tr>
<td>Place of Birth</td>
<td>Lubao, Pampanga</td>
</tr>
<tr>
<td>Date of Birth</td>
<td>January 29, 1971</td>
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<tr>
<td>Gender</td>
<td>Female</td>
</tr>
<tr>
<td>Civil Status</td>
<td>Single</td>
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<tr>
<td>Home Address</td>
<td>Apartment 20A Ipil ipil Road, Forestry, UPLB, College, Laguna</td>
</tr>
</tbody>
</table>

### Organizational Affiliations

- Assistant Professor, Institute of Biological Sciences, CAS, UPLB, College, Laguna

### Education

- Ph.D. in Microbiology, University of the Philippines at Los Baños (UPLB), College, Laguna 2001
- M.S. in Microbiology, UPLB, College, Laguna 1997
- B.S. Biology, UPLB, College, Laguna 1992

### Fields of Specialization

- Biology
- Microbiology

### Employment

- University Research Associate, Department of Plant Pathology, UP Los Banos, College, Laguna, 1992 Ag-1997 Mr-
- Microbiologist, Biotechnology Laboratory, Philippine Sugar Research Institute, VMC Compound Victorias City, 2002 Ja-2006 Je-
- Assistant Professor, Institute of Biological Sciences, College of Arts and Sciences, UP Los Banos, College, Laguna, 2006 Je-23-present-

### Association Membership

- Member, International Society of Sugarcane Technologists
- Member, Association of Applied Biologists UK
- Life Member, Philippine Society for Microbiology
- Specialist Microbiologist, Philippine Academy of Microbiology
- Member, Philippine Sugar Technologists Association, Inc.
- Life Member, Gamma Sigma Delta Honor Society of Agriculture, UP Los Banos
- Member, UPLB Alumni Association
- Member, Philippine Phytopathological Society

### Honors / Awards

- International Publication Award 2008, 2008
- Senior Biologist in Focus for 2008, PHILOBIO SCIENTIA, UPLB Life Sciences Society 2008
- PhD Scholarship Grant, Philippine Sugar Research Institute 1997-2001
- Outstanding Young Scientist Award, National Academy of Science and Technology (NAST) 2009
Trainings

National Academy of Science and Technology Annual Scientific Meeting, The Century of Biology, Manila Hotel, Manila 2006 Jl 12-13

International Society of Sugarcane Technologists 5th Molecular Biology Workshop, Mauritius Sugar Industry Research Institute, Reduit, Mauritius 2006 Ap 3-7

Philippine Sugar Technologists Association, Inc., Annual National Convention, Cebu International Convention Center, Cebu City 2006 Ag 2-4

34th Annual Convention and Scientific Meeting of the Philippine Society for Microbiology, Inc, Waterfront Insular Hotel, Davao City 2005 My 11-13

Philippine Sugar Technologists Association, Inc Annual National Convention, Cebu International Convention Center, Cebu City 2005 Ag 17

Philippine Sugar Technologists Association, Inc Annual National Convention, Cebu International Convention Center, Cebu City 2004 Ag 17-20

Intern. Soc. of Sugarcane, Tech. 4th Molecular Biol. Workshop, Centre de Cooperation Internacionale en Recherche Agro. pour le Developpment, Montpellier, France 2003 Ap 7-11

Philippine Sugar Technologists Association, Inc Annual National Convention, Bacolod Convention Plaza, Bacolod City 2003 Ag 25-29

31st Annual Convention and Scientific Meeting of the Philippine Society for Microbiology, Inc., Development Academy of the Philippines, Tagaytay City, Philippines 2002 My 9-11

Philippine Sugar Technologists Association, Inc Annual National Convention, Cebu International Convention Center, Cebu City 2002 Ag 14-16

29th Annual Convention and Scientific Meeting of the Philippine Society for Microbiology, Inc., Fort Ilocandia Resort Hotel, Laoag Ilocos Norte 2000 My 10-12

28th Annual Convention and Scientific Meeting of the Philippine Society for Microbiology, Inc., Asturias Hotel, Puerto Prinsesa, Palawan 1999 My 12-13

3rd International Rice Genetics Symposium, Plaza Hotel, Manila, EDSA 1996 O 16-20

Rice Tungro Meeting/Workshop, Chang Rai, Thailand 1996 Ap 7-14

Association of Applied Biologists Symposium, Cambridge University, United Kingdom 1995 Mr 29-30

5th Pest Management Council of the Philippines Annual Convention, Pryce Hotel, Cagayan de Oro City 1993 My 3-6

1st National Symposium/Workshop on Citrus Triztesa, Baguio City 1992 O 29-30

5th Asia Pacific Biotech. Cong. and 35th Annual Convention of the Phil. Soc. for Microbiology, Inc., Bohol Tropics, Bohol Philippines 2006 My 10-13

33rd Annual Convention and Scientific Meeting of the Philippine Society for Microbiology, Inc., Heritage Hotel, Manila, Philippines

Researches

Completed

Detection of sweet potato feathery mottle virus in Ipomoea batata L. lam.

Genetic variation of rice tungro bacilliform virus in the Philippines

Isolation, characterization and investigations into the mechanism of action of plant growth promoting bacteria in sugarcane (Saccharum officinarum L.)

Plant Growth Promoting Bacteria for Sugarcane

153
Isolation, Partial Characterization and Effect of Inoculation of Diazotrophic Endophytes on Micropropagated Sugarcane (Saccharum officinarum L.)

Endophytic colonization of Sugarcane by Plant Growth Promoting Bacteria Expressing the gusA Gene Biomarker

On-going
Method of Producing Sugar Plant or Plant Parts Biotized with Growth Promoting Endophytic Bacteria

Microbial Inoculants for Graminae with Emphasis on Sugarcane

Papers Presented
Villegas, L. C. and Paterno, E. S. (2008 My 7-9). Endophytic colonization of Sugarcane by Plant Growth Promoting Bacteria Expressing the gusA Gene Biomarker (poster), Annual Conventions and Scientific Meeting of the Philippine Society for Microbiology, Boracay Aklan, Philippines.


Publications


Specialization Index

Access to health care
Quimbo, Stella Luz A.

Agricultural Chemistry
Padre, Agnes T.

Agricultural Engineering
Delos Reyes, Aurelio Alfonso Jr.

Agriculture
Lapitan, Victoria Pecho Chavez-

Agriculture and Forestry
Faylon, Patricio S.

Agronomy
Lapitan, Victoria Pecho Chavez-

Analytical Chemistry
Rodríguez, Felicito

Animal Health Programs
Garcia, Manuel Mariano

Animal Science Research Management
Faylon, Patricio S.

Anthropology
Ronquillo, Wilfredo P.

Applications of environmental and artificial tracers
Cardenas, Meinhard Bayani R.

Applied Hydrogeophysics and Thermal Remote Sensing
Cardenas, Meinhard Bayani R.

Applied Linguistics
Pareja, Teresita P.

Aquaculture
Delos Reyes, Aurelio Alfonso Jr.

Archeology
Ronquillo, Wilfredo P.

Atmospheric Science
Narisma, Gemma Teresa Tamayo

Biochemistry
Reyes, Marita V.T.

Bioethics
Reyes, Marita V.T.

Biological Sciences
Cao, Ernelea P.

Biology
Villegas, Lucille C.

Chemistry
Tongol, Bernard John V.

Climate Analysis
Narisma, Gemma Teresa Tamayo

Climate Change and Variability Analysis
Narisma, Gemma Teresa Tamayo

Comparative Physiology & Biochemistry
Suarez, Raul K.

Crop Entomology
Amalin, Divina M.

Demography
Ogena, Nimfa B.

Ecological consequences and evolutionary implications of metabolic biochemistry:
Suarez, Raul K.

Econometrics
Dacuycuy, Lawrence B.

Economics
Dacuycuy, Lawrence B.

Education
Quimbo, Stella Luz A.

Educational, Government and International Policies
Limjap, Auxencia A.

Electrochemical Surface Science
Tongol, Bernard John V.
<table>
<thead>
<tr>
<th>Subject</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Science</td>
<td>Tongol, Bernard John V.</td>
</tr>
<tr>
<td>Mathematical Empirical Inequality Analysis</td>
<td>Dacuycuy, Lawrence B.</td>
</tr>
<tr>
<td>Energetics of Locomotion</td>
<td>Suarez, Raul K.</td>
</tr>
<tr>
<td>Engineering -Applied Chemistry</td>
<td>Tongol, Bernard John V.</td>
</tr>
<tr>
<td>Environmental Chemistry and Ecotoxicology</td>
<td>Prudente, Maricar S.</td>
</tr>
<tr>
<td>Environmental Education and Science Education</td>
<td>Prudente, Maricar S.</td>
</tr>
<tr>
<td>Environmental Physics focus on climate system</td>
<td>Narisma, Gemma Teresa Tamayo</td>
</tr>
<tr>
<td>Environmental Pollution</td>
<td>Prudente, Maricar S.</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>Narisma, Gemma Teresa Tamayo</td>
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<tr>
<td>Environmental Science (Aquatic Ecotoxicology)</td>
<td>Paras, Michelle Grace V.</td>
</tr>
<tr>
<td>Evolutionary Design of Functional Capacities</td>
<td>Suarez, Raul K.</td>
</tr>
<tr>
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<td>Garcia, Manuel Mariano</td>
</tr>
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</tr>
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<td>Quimbo, Stella Luz A.</td>
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<tr>
<td>Heterogeneity and and Architecture of Fluvial Deposits</td>
<td>Cardenas, Meinhard Bayani R.</td>
</tr>
<tr>
<td>Hydrogeology and Hydrology</td>
<td>Cardenas, Meinhard Bayani R.</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>Dacuycuy, Lawrence B.</td>
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<tr>
<td>Sciences</td>
<td>Albert, Jose Ramon G.</td>
</tr>
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<td>Lope, Jose Ernie C.</td>
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<td>Limjap, Auxencia A.</td>
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<td>Reyes, Marita V.T.</td>
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<td>Microtechnique i.e. organ, anther, embryo, callus, meristem, cell tissue and protoplast culture</td>
<td>Lapitan, Victoria Pecho Chavez-Marin</td>
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<td>Molecular genetics (marker-assisted selection, genomewide selection, gene mapping, DNA fingerprinting, structural genomics, SNP discovery)</td>
<td>Tabanao, Dindo Agustin Ancajas</td>
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<td>Amalin, Divina M.</td>
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Surface Water-Ground Water Interactions at Various Spatial Scales using Field Methods and Modeling
Cardenas, Meinhard Bayani R.

Tobacco Taxation
Quimbo, Stella Luz A.

Veterinary Pharmacology (Toxicology)
Paraso, Michelle Grace V.

Veterinary Physiology (Endocrine Physiology)
Paraso, Michelle Grace V.

Zoology
Suarez, Raul K.

Rivers/ Lakes/ Aquifers/ Caves and Karst
Cardenas, Meinhard Bayani R.
Semiparametric and nonparametric methods in labor econometrics,
Dacuycuy, Lawrence B.

Social Sciences
Pareja, Teresita P.

Sociology
Ogena, Nimfa B.

Soil Health Science
Padre, Agnes T.

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Ogena, Nimfa B.

Statistics (experimental design, mixed model analysis, genotype by environment interaction) Population genetics (genetic variance, kinship, linkage disequilibrium, population structure, association analysis)
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Author Index

Albert, Jose Ramon G.
Mathematical Sciences
Statistics

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Plant and Animal Science

Cao, Ernelea P.
Biological Sciences
Genetics

Cardenas, Meinhard Bayani R.
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