

## PAASE MEMBERSHIP OFFICE DIRECTORY 2012 (as of 02/13/12)

### Full Members

1) ABARCAR, Rene B.

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Present Position: Assistant Vice-President

Expertise: Energy and environment; advanced engineering materials, advanced heat engines, electric and hybrid propulsion, combustion technology, machine design, control systems analysis, thermodynamics and heat transfer analyses; energy systems design and analysis, technology and R&D needs assessment, technical and economic feasibility assessments, R&D program planning, and technology transfer.

2) ABELLERA, Benjamin C.

Office: University of the District of Columbia, 4200 Connecticut Avenue, N.W., Washington, DC, 20008

Email: [benbaqiw@yahoo.com](mailto:benbaqiw@yahoo.com)

Present Position: Associate Professor; President, DCF Foundation

Expertise: Disaster management, cultural and developmental anthropology, traditional and symbolic logic, philosophy, history of art and music

3) ABOLA, Enrique E.

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Fax: [858] 784-9483

Email: [eabola@gmail.com](mailto:eabola@gmail.com); [abola@scripps.edu](mailto:abola@scripps.edu)

Present Position: Guest Scientist

Expertise: Bioinformatics, structural databases

4) ABOLA, Jaime E.

Email: [jaim02@comcast.net](mailto:jaim02@comcast.net)

Expertise: Crystallography

5) ABOLA, Anna Pia

Office: The Molecular Sciences Institute, 2168 Shattuck Avenue, Berkeley, CA 94704

Office Phone: [510] 981-8726

Email: [pabola@molsci.org](mailto:pabola@molsci.org)

Present Position: Researcher

Expertise: Experimental measurements to inform modeling, protein biochemistry, microbiology, molecular biology, biochemistry, genomics

6) ABRAJANO, Teofilo Jr. A.

Office: National Science Foundation, Surface Earth Processes, Division of Earth Sciences, Suite 785, 4201 Wilson Blvd., Arlington, VA 22230

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Present Position: Section Head, Surface Earth Processes Section

Expertise: Stable isotope geochemistry, biogeochemistry, environmental geochemistry

7) ABULENCIA, James P.

Office: Manhattan College, Department of Chemical Engineering, 3825 Corlear Avenue, Riverdale, NY 10463

Office Phone: [718] 862-7186

Email: [james.abulencia@manhattan.edu](mailto:james.abulencia@manhattan.edu)

Present Position: Assistant Professor

Expertise: Yeast fermentation, biodiesel production from algae and waste vegetable oil, effects of metal ions in ethanol production, water filtration using coconut-derived activated carbon, denitrification of refinery waste water, platelet thrombosis, molecular biology (gene regulation), arthritis, fluid shear stress

8) ACOSTA, Luz P.

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Website: <http://www.lifespan.org/rih/services/cihr/faculty/acosta.htm>

Present Position: Research Associate (currently on leave as Director, Department of Immunology, Research Institute for Tropical Medicine, Philippines)

Expertise: Tropical public health

## 9) ADRIANO, Domy C.

Office: University of Georgia, Department of Crop & Soil Sciences, Miller Plant Science Bldg, Athens, GA 30605 and Savannah River Ecology Laboratory, P.O. Drawer E, Aiken, SC 29802

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Website: <http://www.srel.edu/facstaffpages/adriano.html>

Present Position: Senior Research Scientist (Emeritus)(SREL), Professor Emeritus of Environmental Soil Chemistry and Biogeochemistry (UGA)

Expertise: Biogeochemistry of trace metals, source term – bioavailability – risk relationships, risk reduction and management in contaminated sites, waste minimalization and recycling, natural attenuation

## 10) ADVINCULA, Rigoberto C.

Office 1: Case Western Reserve University, Department of Macromolecular Science and Engineering, 2100 Adelbert Road, Kent Hale Smith Bldg., Cleveland, OH 44106

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Website: [www.polymers.case.edu](http://www.polymers.case.edu); [www.nanostructure.uh.edu](http://www.nanostructure.uh.edu); [www.chem.uh.edu](http://www.chem.uh.edu)

Present Position: Professor (CWRU), Research Professor (Univ. of Houston)

Expertise: Chemistry, polymer and organic ultrathin films, materials, nanotechnology

## 11) AGA, Diana S.

Office: University of Buffalo, The State University of New York, Department of Chemistry, 611 Natural Sciences Complex, Buffalo, NY 14260-3000

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Website: <http://www.acsu.buffalo.edu/~dianaaga/Agaw/Home.html>

Present Position: Associate Professor

Expertise: Analytical chemistry to study environmental fate and transport of pesticides, industrial chemicals and wastewater contaminants found in surface and ground water, LC/MS/MS, CZE, GC/MS in combination with immunochemical techniques to study environmental processes, development of effective sample preparation techniques, e.g., solid-phase extraction, accelerated solvent extraction, solid-phase microextraction, immunoaffinity

## 12) AGUDA, Baltazar D.

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Office Fax: [301] 480-4743

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Present Position: Senior Staff Scientist

Expertise: Modeling biomedical systems, systems biology (models of cell-fate regulation, mammalian cell cycle, apoptosis), physical chemistry

## 13) AGUILAR, Zoraida P.

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Email: [zapaquilar@yahoo.com](mailto:zapaquilar@yahoo.com)

Present Position: Senior Scientist

Expertise: Analytical chemistry, immunoassays, DNA-hybridization assays, magnetic bead-based assays, magnetohydrodynamics, microfluidics, microelectrochemical immunosensors

## 14) ALABASTRO, Estrella F. - No updated info

Expertise: Chemical engineering, food technology

## 15) ALBANO, Alfonso M.

Office: Bryn Mawr College, Department of Physics, Park Science Center, Room 342, 101 N. Merion Ave., Bryn Mawr, PA 19010

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Fax: [610] 526-7469

Email: [aalbano@bryn-mawr.edu](mailto:aalbano@bryn-mawr.edu)

Present Position: Marion Reilly Professor Emeritus of Physics (retired, moved to Mountain View, CA)

Expertise: Nonlinear dynamics and chaos; applications to the analysis of biological and biomedical data

## 16) ALBANO, Marianita M.

Phone/Fax: [410] 749-8884

Email: [tianits@yahoo.com](mailto:tianits@yahoo.com)

Present Position: Retired faculty member of the University of Maryland, Eastern Shore

Expertise: Medical and environmental microbiology

17) ALBANO-GARCIA, Ester M.

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Email: [Garcia.ester.a@gmail.com](mailto:Garcia.ester.a@gmail.com)

Present Position: President and Chief Academic Officer

Expertise: Organic chemistry, coconut research, science education

18) ALDEMITA, Rhodora R.

Office: Plant Breeding and Biotechnology Section, Philippine Rice Research Institute, Bo. Maligaya, Science City of Munoz, Nueva Ecija 3119, Philippines

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Email: [raldemita@hotmail.com](mailto:raldemita@hotmail.com); [raldemita@philrice.gov.ph](mailto:raldemita@philrice.gov.ph)

Present Position: Chief Science Research Specialist

Expertise: botany, rice genetic engineering

19) ALFAFARA, Catalino G.

Office: Department of Chemical Engineering, College of Engineering and Agro-industrial Technology (CEAT)

U.P. Los Banos, College, Laguna, Philippines 4031

Email: c/o [asuncionraymundo@yahoo.com](mailto:asuncionraymundo@yahoo.com)

Present Position: Assistant Professor

Expertise: Fermentation Technology, Environmental Engineering

20) ALIÑO, Porfirio Alexander M.

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Present Position: Professor

Expertise: coral reef ecology, community ecology

21) ANG, Alfredo H.-S.

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Present Position: Professor Emeritus of Civil and Environmental Engineering

Expertise: Structural engineering, civil and environmental engineering, risk and reliability approaches to engineering safety-and-design structural criteria formulation

22) ANTEROLA, Aldwin M.

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Website: <http://www.plantbiology.siu.edu/Faculty/Anterola/index.html>

Present Position: Associate Professor

Expertise: Phytochemistry and plant secondary metabolism, biosynthesis of plant constituents with medicinal or industrial uses, development of plant bioreactors, elucidation of pathways leading to formation of naturally occurring medicinal compounds in plants (biflavonoids, diterpenes, eicosanoids), isolation and identification of secondary metabolites that target the arachidonic acid inflammatory cascade, biochemistry and molecular biology of bryophytes

ARAMBULO, Angel S. – Deceased

23) ARANDA, Jacob V.

Office: Children's Hospital of Michigan, 3901 Beaubien Blvd, Detroit, MI 48201; SUNY Downstate Medical Center NEO, 450

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Website: <http://www.med.wayne.edu/pharm/aranda.htm>

Present Positions: Director, Pediatric Pharmacology Research Unit Network – NIH PPRU; Chief, Clinical Pharmacology and Toxicology; Attending Neonatologist; Professor of Pediatrics, Pharmacology and Pharmaceutical Sciences

Expertise: newborn infants, infantile apnea, clinical drug trials in newborns and children, drug therapies in newborns and children, non-steroidal anti-inflammatory drugs in newborns, biochemical control of cerebral blood flow and bioenergetics in newborns, pain and stress control in newborns, molecular control of inflammatory mediators in newborns

24) AROCENA, Joselito M.

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Website: <http://web.unbc.ca/~arocenaj/>

Present Position: Professor of Environmental Science & Engineering, Canada Research Chair in Soil & Environmental Sciences  
Expertise: Soil and environmental science, geochemical principles of soil mineral transformation, soil formation, sustainable fertility of forest soils, understanding the role of fungal species involved in the conservation of essential plant nutrient supplies through selective breakdown and synthesis of soil minerals

25) AZANZA, Ma. Patricia V.

Office: Food Science and Nutrition Department, College of Home Economics, University of the Philippines, Diliman, Quezon City, Philippines

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Email: [ma\\_patricia\\_azanza@up.edu.ph](mailto:ma_patricia_azanza@up.edu.ph); [mpv\\_azanza@yahoo.com](mailto:mpv_azanza@yahoo.com)

Present Position: Professor 3

Expertise: Food safety

26) AZANZA, Rhodora V.

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Present Position: Professor

Expertise: algal physiology, morphology and culture, seaweed farming, harmful algal blooms

27) BACABAC, Rommel G.

Office: University of San Carlos, Department of Physics, Medical Biophysics Group, Nasipit, Talamban, Cebu City, Philippines

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Present Position: Associate Professor

Expertise: Medical biophysics, microgravity and bone cell mechanosensitivity, bone fluid flow, responses of bone cells to fluid shear stress

BARRIENTOS, Celso S. – Deceased (January 9, 1935-November 3, 2010)

28) BARTOLOME, Francisco M.

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Email: [bartolomef@hotmail.com](mailto:bartolomef@hotmail.com)

Expertise: Food science and technology

29) BARTOLOME, Linda G.

Phone: [952] 938-8999

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Expertise: Food science and technology

30) BAUTISTA, Renato G.

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Present Position: Consultant and Professor Emeritus of Material Science and Engineering (retired)

Expertise: Hydrometallurgy of base, rare earths, precious, and actinide metals; leaching, electro-dissolution, liquid-liquid extraction (solvent extraction), liquid membrane, precipitation, and electro-deposition, rate of mass transfer and kinetics of chemical reaction, Modeling and simulation of mixer settlers fluidized bed electrochemical reactors, chemical reactions in the in-situ leaching of minerals and in the liquid-liquid extraction of metals, High temperature chemistry, vaporization, sublimation, molten metal calorimetry, and oxidation of metals; high pressure-high temperature synthesis/ chemical reactions, processing of advanced materials

31) BERNAL, Samuel D.

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Website: <http://www.bostonbiosci.com>

Present Position: Professor of Medicine, UCLA School of Medicine; Head, Globe Tekpro Science Foundation; Director Emeritus, Cancer Center of Los Angeles Veteran Affairs Health Care System; Teaching attending, Division of Hematology and Oncology, UCLA San Fernando Valley Program; Attending physician, Sepulveda Veterans Medical Center and Cedars-Sinai Medical Center  
Expertise: Oncology (dendritic cell treatments), medical malpractice, patent law

BERNAS, Gloria de Castro – Deceased (May 17, 2006)

32) BERNIDO, Christopher C.

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Email: [cbernido@mozcom.com](mailto:cbernido@mozcom.com)

Present Position: President, CVI Foundation; Founding Senior Researcher, RCTP

Expertise: Theoretical physics, science education

33) BINAG, Christina A.

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Present Position: Professor of Chemistry

Expertise: Electrochemistry, surface chemistry, conducting polymers, sensor and biosensors

34) BLANCHE, Catalino A.

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Website: [http://www.csrees.usda.gov/about/AllUnits/staff\\_view.cfm?record\\_id=110](http://www.csrees.usda.gov/about/AllUnits/staff_view.cfm?record_id=110)

Present Position: National Program Leader for Forestry and Forest Utilization

Expertise: Forestry, plant science, forest and wood fiber products research

35) BUOT, Felixberto A.

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Website: <http://www.cmasc.gmu.edu/buot.html>

Present Position: Research Professor

Expertise: Nanoscience and nanoelectronics, non-equilibrium quantum physics, and quantum field theory of condensed matter

36) BUYCO, Edgar H.

Office: Purdue University-Calumet, School of Mechanical Engineering, Calumet, IN

Present Position: Professor Emeritus of Engineering

Expertise: Heat transfer, thermodynamics, fluid mechanics

37) CABELLON, Silverio Jr. M.

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Present Position: Vascular Surgeon and Teacher (of medical students, general surgery residents, vascular fellows at Washington Hospital Center)

Expertise: Vascular surgery

38) CADIZ, Nina M.

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Present Position: Associate Professor 7

Expertise: Botany, plant physiology, phytoremediation (heavy metal uptake by plants)

39) CAJIPE, Victoria B.

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Present Position: Director of Applications Development and Marketing

Expertise: Materials physics, phase transitions, x-ray and neutron scattering, radiation detectors, advanced x- and gamma-ray imaging Technologies, spectroscopic imaging sensors

## 40) CAMPOS, Jose E.

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Present Position: Senior Economist  
Expertise: Economics policy research

## 41) CARIÑO, Honorio F.

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Website: <http://www.forestry.auburn.edu/directory/FacultyDetail.php?recordID=214>  
Present Position: Professor, Forest Products and Wood Science  
Expertise: Wood products production management problems which involve the development of computer-based decision models embodying management science, industrial engineering and operations research concepts and techniques, forest products marketing, modern sawmill technology

CARIÑO-SEN, Lourminia – Deceased (May 13, 2005)

## 42) CARPIO-BERNIDO, Ma. Victoria

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Email: [cbernido@mozcom.com](mailto:cbernido@mozcom.com)  
Present Position: Principal, CVI; Founding Senior Researcher, RCTP  
Expertise: Theoretical physics, science education

## 43) CASTILLO-RONQUILLO, Yasmyne S.

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Email: [pinkyronquillo@hotmail.com](mailto:pinkyronquillo@hotmail.com); [yascr@mail.upm.edu.ph](mailto:yascr@mail.upm.edu.ph)  
Present Position: Associate Professor of Biochemistry and Molecular Biology  
Expertise: Pathology and genetics of retinoblastoma, genetics of retinitis pigmentosa and open angle glaucoma, retinoblastoma registry program for the Philippines, indigenous Philippine traditional herbs: their use and isolation of active ingredients

## 44) CHU, Mamerto L.

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Email: [mchu@uakron.edu](mailto:mchu@uakron.edu)  
Website: <http://mechanical.uakron.edu/fs-chu.php>  
Present Position: Professor Emeritus of Mechanical Engineering  
Expertise Audiometry, biomechanics, modal analysis, acoustics, vibrations, random vibration, and dynamics

## 45) CHU, Richard Q.

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Email: [rqctetra@yahoo.com](mailto:rqctetra@yahoo.com); [richard.chu@up.edu.ph](mailto:richard.chu@up.edu.ph)  
Present Position: Associate Professor, Domingo Toledo Professorial Chair  
Expertise: Biomedical engineering (enzyme purification systems, immunoassays, implantable neurological shunts, PC-based spirometry), chemical engineering

## 46) CHUA, Leon O.

Office: UC Berkeley, Dept. of Electrical Engineering and Computer Sciences, 564 Cory Hall #1770, Berkeley, CA 94720-1770  
Email: [chua@eecs.berkeley.edu](mailto:chua@eecs.berkeley.edu)  
Website: <http://www.eecs.berkeley.edu/~chua/>  
Present Position: Professor of Electrical Engineering and Computer Sciences  
Expertise: Cellular neural/nonlinear networks, nonlinear circuits and systems, nonlinear dynamics, bifurcation and chaos

## 47) CLEMENA, Gerardo G.

Office: Virginia Transportation Research Council, Materials Group, Virginia Dept of Transportation  
Email: [gerardo.clemena@virginiadot.org](mailto:gerardo.clemena@virginiadot.org)  
Present Position: Principal Research Scientist  
Expertise Electrochemical chloride extraction, corrosion protection of concrete bridges

## 48) COMISO, Josefino C.

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Fax: [301] 614-5644  
Email: [josefino@yahoo.com](mailto:josefino@yahoo.com); [josefino.c.comiso@nasa.gov](mailto:josefino.c.comiso@nasa.gov)  
Present Position: Senior Research Scientist  
Expertise: Climate change, polar oceanography, particle physics, satellite remote sensing and applications

49) CONCEPCION, Gisela P.  
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Fax: [63][2] 924-7678  
Email: [gconcepcion@gmail.com](mailto:gconcepcion@gmail.com); [gpconcepcion@yahoo.com](mailto:gpconcepcion@yahoo.com)  
Present Position: Professor (MSI) and Vice-President for Academic Affairs (UP)  
Expertise: Marine natural products, biochemistry, development of bioscreening methods, anti-cancer drug discovery

50) CRUZ, Jose Jr. B.  
Office: Ohio State University, Electrical and Computer Engineering Dept., 752 Drees Laboratories, 2015 Neil Ave., Columbus, OH 43210-1272  
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Email: [jbacruz@ieee.org](mailto:jbacruz@ieee.org); [cruz@ece.osu.edu](mailto:cruz@ece.osu.edu); [jbacruz@stellar-solution.com](mailto:jbacruz@stellar-solution.com)  
Website: <http://www.ece.osu.edu/~cruz>  
Present Position: Distinguished Professor of Engineering and Professor, Electrical and Computer Engineering  
Expertise: Dynamic game theory, systems and control engineering

51) CRUZ, Lourdes J.  
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Email: [lulycruz@yahoo.com](mailto:lulycruz@yahoo.com); [luly@upmsi.ph](mailto:luly@upmsi.ph)  
Present Position: Professor  
Expertise: Biochemistry and toxinology of Conus venoms, screening of anti-TB compounds from marine organisms, paralytic shellfish poisons

52) CRUZ, Rico O.  
Office: EcoEnergy International LLC, Craigmont, ID  
Present Position: Bioresource Engineer/ Scientist  
Expertise: Biodiesel fuel production, coconut biodiesel fuel

53) CUA-CHRISTMAN, Florence T.  
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Office Phone: [609] 919-0275  
Fax: [609] 919-0277  
Email: [fcua8@comcast.net](mailto:fcua8@comcast.net)  
Present Position: Consultant in radiation and environmental and occupational health and safety  
Expertise: health physics, radiation and environmental and occupational health and safety

54) CULABA, Alvin B.  
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Expertise: Chemistry, crystallography, rapid detection of antibiotic-resistance genes using fluorescence resonance energy transfer real-time PCR

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Present Position: Professor  
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Present Position: Associate Professor of Civil Engineering; Associate Faculty, Dept. of Microbiology; Faculty Trainor, NCSU Biotechnology Program  
Expertise: biological wastewater treatment, anaerobic waste treatment, applied molecular microbial ecology, wastewater treatment plant design and operation (specializing in solids dewatering, nitrogen removal, filaments in activated sludge, bioreactor design and operation)

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Expertise: Infectious diseases (tuberculosis, H1N1 influenza, cryptosporidiosis, dengue, Helicobacter pylori infection), diagnostic kits (dengue serotyping)

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Expertise: Molecular genetics, epigenetics and nutritional genomics, anticancer compounds in soybean (lunasin)

83) GAMBOA, Eugene - No updated info

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Expertise: Physical chemistry, biomaterials, diffractive optics, probe microscopy of biological systems, self-assembly of biomolecules and polymers, collagen, biological imaging, atomic force microscopy, interfacial chemistry, nanoparticle synthesis and properties, nanocomposite materials directed protein aggregation

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Present Position: Assistant Director, FCRC; Assistant in Microbiology and Cell Science, Grants Coordinator, Microbiology and Cell Science Department  
Expertise: acquisition and administration of research grants, graduate education in microbiology and cell science, metabolic engineering of bacteria to produce chemicals and fuels from biomass, translational research on the treatment of refractory hematologic and solid cancers, molecular genetic transformations in insects and plants

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Present Position: Medical Officer/Program Officer  
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Expertise: Natural products chemistry, biochemistry, screening of Philippine plant extracts for pharmaceutical and agricultural applications, isolation of bioactive natural products from Philippine plants, structure elucidation, structure-bioactivity correlation studies

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Present Position: Director, Stockholm University Proteomics Facility

Expertise: Nanoflow-electrospray mass spectrometry of non-covalent complexes, analysis of membrane proteins and macromolecular assemblies

109) ILAG, Liza L.

Office: Eli Lilly and Co., Lilly Corporate Center, Drop Code 6024, Indianapolis, IN 46285

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Present Position: Senior Medical Advisor

Expertise: Diabetes; insulin therapy, devices and analogs; endocrinology and metabolism, clinical trials

110) ILAGAN, Yolanda A.

Office: Department of Biological Sciences, College of Arts and Sciences, Cavite State University, Indang, Cavite, and De La Salle University-Dasmariñas, Dasmariñas, Cavite, Philippines

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Email: [yoly\\_ilagan@yahoo.com](mailto:yoly_ilagan@yahoo.com)

Present Position: Professor and Faculty Researcher (CvSU), Associate Professor Guest Lecturer 5 (DLSU-D)

Expertise: Microbial genetics, industrial microbiology, natural fermentation of coffee pulp, plasmid profiles of antibiotic-resistant, metal-tolerant pseudomonads, microbial analysis of drinking water in Cavite, R&D studies on bioremediation, ecological assessment of Cavite rivers, antibiotic-producing microorganisms

111) IMPERIAL, Julita S.

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Present Position: Research Assistant Professor

Expertise: biochemistry of conotoxins, peptide toxins, structural biology

112) JAMESON, Cynthia J.

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Present Position: Professor Emeritus of Chemistry and Chemical Engineering

Expertise: Physical chemistry, gas phase NMR spectroscopy, applications of NMR to fundamental studies of adsorption and diffusion, Xe NMR chemical shift tensors, channels and other nanopores

113) JIMENEZ, Elsie C.

Office: Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines

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Present Position: Researcher (MSI); Retired from UP Baguio

Expertise: Peptide chemistry, toxinology

114) JOSE, Pedro A.

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Present Position: Professor of Medicine

Expertise: Hypertension genetic markers, dopamine, dopamine receptors, G-protein coupled receptor kinases

115) JUMAWAN, Agustin Jr. B.

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Present Position: Chief, Water Quality Modeling, Permitting Branch

Expertise: Chemical and environmental process engineering/design, water quality management, wastewater recovery

116) KATAGUE, David B.

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Website: <http://www.marinduqueinternational.org>

Present Position: Owner, Chateau du Mer; Medical Missions member, Marinduque International, Inc. (Retired from US Food and Drug Administration)

Expertise: Drug approval process, analytical chemistry of pesticides, botanical drugs and natural products, manufacturing and control of new anti-infective drug products

117) KOH, Eusebio L.

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Present Position: Professor Emeritus of Mathematics

Expertise: Functional analysis, distribution theory, differential equations, functional equations, applied mathematics

KOH, Severino L. – Deceased (Jan. 8, 1927-April 8, 2004)

118) LACBAWAN, Felicitas L.

Office: State University of New York-Downstate, Department of Pathology, BSB 4<sup>th</sup> Floor Rm 4-128D, 450 Clarkson Ave. Box 25, Brooklyn, NY 11203 (moving to Cleveland Clinic, Cleveland, OH in March 2012)

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Present Position: Director, Medical Pathology

Expertise: Medical genetics

119) LAGMAY, Alfredo Mahar Francisco A.

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Present Position: Associate Professor

Expertise: Physical volcanology, volcano tectonics, remote sensing and natural disasters

120) LANSIGAN, Felino P.

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Present Position: Professor 12 and Affiliate Professor (School of Environmental Science and Management, UPLB)

Expertise: Statistical hydrology and water resources, agricultural and environmental statistics, climate change and variability, risk analysis and vulnerability assessment, systems analysis and simulation modeling, environmental impact assessment and management

121) LAUDE, Rita P.

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Present Position: Professor 9 and Vice-Chancellor for Instruction

Expertise: Genetics and molecular biology (coconut, abaca, honeybee, silkworm, Filipino population), apiculture (beekeeping), science education

122) LEBRILLA, Carlito B.

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Present Position: Professor and Chairman, Dept. of Chemistry

Expertise: Bioanalytical mass spectrometry, Fourier Transform Mass Spectrometry applications to problems in biological chemistry, instrumentation development, theoretical calculations and fundamentals of gas-phase ion chemistry, matrix-assisted laser desorption ionization and electrospray ionization, discovery of markers for ovarian, breast and prostate cancer, glycomics

123) LEE-CHUA, Queena N.

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Website: [www.math.admu.edu.ph](http://www.math.admu.edu.ph)  
Present Position: Professor  
Expertise: The psychology of teaching and learning, specifically cognition in math and science; ethnomathematics; finite mathematics

124) LIM, Patrick John Y.  
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Present Position: Professor and Chairman, Dept. of Chemistry  
Expertise: Chemistry education, feasibility of electrochemical etching of copper from the Power QFN Leadframe Fairchild Semiconductor (Phils), Inc., synthesis of L-arabinose-based coordination polymers for the removal of lead from aqueous solutions, bioactivity and structural elucidation of rotenone derivatives

125) LIONGSON, Leonardo Q.  
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Present Position: Professor and Director, National Hydraulic Research Center  
Expertise: Hydrology, hydraulics and water resources engineering

126) LO, Glenn V.  
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Present Position: Associate Professor of Chemistry  
Expertise: Physical chemistry, chemistry education

127) LOCSIN, Rozzano C.  
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Website: <http://nursing.fau.edu/index.php?template=faculty&nav=281&faculty=19>  
Present Position: John F. Wymer Jr. Distinguished Professor of Nursing  
Expertise: Nursing, international nursing, curriculum development, theory of nursing, technological competency as caring in nursing

128) MAGCALE-MACANDOG, Damasa B.  
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Present Position: Associate Professor 2  
Expertise: Plant ecology, ecophysiological modeling of upland farms and agroforestry systems, soil fertility management

129) MANALO, Dominador J.  
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Present Position : Staff Fellow  
Expertise: Cell and developmental biology, integrated systems genomics, characterization of pathological and toxicological mechanisms in models of cardiac remodeling, ischemic/reperfusion protection and tissue reconditioning through global gene microarray analysis

130) MANUEL-DELOS REYES, Mariquit N. - No updated info  
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Expertise: Biochemical engineering

131) MANGONON, Pat L.  
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Expertise: Materials and metallurgical engineering

132) MARIANO, Roberto S.

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Website: <http://ideas.repec.org/e/pma174.html#details>

Present Position: Professor

Expertise: Econometrics and mathematical statistics

133) MAXINO, Gerardo C.

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Present Position: President (Founder of Maxino College), Professor of Physics

Expertise: Physics education

134) MEDINA, Marjorie B.

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Present Position: Research chemist

Expertise: Food chemistry, microanalytical chemistry, food safety of chemical and microbiological contaminants, biosensor analysis, immunochemistry

135) MELENDRES, Carlos A. - No updated info

Expertise: Synchrotron infrared spectroscopy, chemical engineering

136) MENDOZA, Eduardo R.

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Website: <http://www.softmatter.physik.lmu.de/tiki-index.php?page=GroupMendozaHome>

Present Position: Senior Research Scientist; Adjunct Professor of Mathematics and Computer Science, UP Diliman

Expertise: Modeling biological networks, computational analysis of bioimages, software platforms for systems biology

137) MENDOZA, Guillermo A.

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Present Position: Consultant for FAO; Retired from University of Illinois-Urbana

Expertise: Forest resources and management, ecosystem science, global environmental change, human dimensions of natural resources and ecology, landscape ecology, quantitative and spatial methods, sustainability

138) MENDOZA, Teodoro C.

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Present Position: Professor 10

Expertise : Agronomy (crop physiology and ecology), farming systems, ecological agriculture, sugar cane research and development

139) MIGO, Veronica P.

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Present Position: Research Associate Professor and Head Chemist

Expertise: Agricultural chemistry, Treatment of Industrial Wastewaters by Electrochemical Methods, Utilization of Distillery Effluents as Liquid Organic Fertilizer, Production of Diesel Fuel Engine by Ozonation of Sunflower Oil, Establishment of National Reference Laboratory for Diagnosis of Shrimp Pathogens

140) MONJE, Virginia D.

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Present Position: Professor of Chemistry; Retired from UP National Institute of Molecular Biology and Biotechnology

Expertise: Molecular genetics, marine resources, expression systems

141) MONTAÑO, Marco Nemesio E.

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Present Position: Professor, Deputy Director of Bolinao Marine Laboratory  
Expertise: Marine natural products, algal polysaccharides, marine pollution chemistry

142) MONTES, Manuel F.  
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Present Position: Regional Programme Coordinator  
Expertise: Trade, economics (Southeast Asia)

143) MORALES, Roberta A.  
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Present Position: Regional TSE Epidemiologist  
Expertise: Chronic wasting disease, TSE, BSE risk assessment, Salmonella enteritidis and microbial risk assessment, veterinary medicine, agricultural economics, food safety epidemiology

144) MURIEL, Amador C.  
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Present Position: Director – Molecular Theory of Turbulence Project  
Expertise: Statistical Mechanics, Turbulence, theoretical physics

145) NAYGA, Rodolfo Jr. M.  
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Website: <http://agribus.uark.edu/3096.htm>  
Present Position: Professor and Tyson Chair in Food Policy Economics  
Expertise: economics of food policy and quality and on obtaining an understanding of how emerging consumer issues affect food and nutrient consumption/demand and public policies (product and program valuation, nutritional label use and diet quality, obesity, intrahousehold time/resource allocation and children's dietary behavior)

146) NAZAREA, Apolinario D. – No updated info  
Expertise: Theoretical biology, biophysics, recombinant biotechnology, structure of DNA/RNA probes, design of synthetic vaccines, nuclear science

147) NONATO, Maribel G.  
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Present Position: Professor of Chemistry and Director (RCNS); Acting Assistant to the Rector for Research and Development (ORD)  
Expertise: Phytochemistry and spectroscopy

148) OUANO, Augustus C. - No updated info  
Expertise: Polymer science

149) OLIVERA, Baldomero M.  
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Website: <http://www.biology.utah.edu/faculty2.php?inum=7>  
Present Position: Distinguished Professor  
Expertise: Biochemistry, neurobiology, conopeptides, key signalling molecules in the central nervous system, ion channels and receptors

150) ORDOÑEZ, Caesar - No updated info

151) ORDOÑEZ, Rowena - No updated info

152) ORENCIA, Maria Cecilia  
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Expertise: Chemistry

153) ORETA, Andres Winston C.  
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Present Position: Full Professor  
Expertise: Earthquake engineering (dynamic), structural engineering (general)

154) PACUMBABA, Rudolf Sr. P.  
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Present Position: Professor of Plant Pathology (retired?)  
Expertise: Plant pathology, soybean pathogens; tropical diseases of cocoyam, abaca, rice, coconut; growing shiitake propagules in artificial culture media; development of transgenic soybean plants

155) PADILLA, Philip Ian P.  
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Present Position: Associate Professor (UPV), Visiting Professor (Dept. of Molecular Epidemiology, Nagasaki University)  
Expertise: Bacteriology (bacterial pathogenesis), cell biology (cell vesicular trafficking), biochemistry and molecular biology (protein trafficking), public health

156) PADLAN, Eduardo A.  
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Present Position: Adjunct Professor (UP Marine Science Institute)  
Expertise: Molecular immunology, antibody structure

157) PALIS, Michael A.  
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Present Position: Professor of Computer Science  
Expertise: Parallel and distributed computing, design and analysis of algorithms, and computational complexity

158) PASCASIO, Arlene A.  
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Email: [pascasio@dlsu.edu.ph](mailto:pascasio@dlsu.edu.ph)  
Present Position: Full Professor  
Expertise: Distance regular graphs, finite geometry

159) PASCUAL, Cherrie B.  
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Present Position: Professor 7, Chemistry Consultant (St. Luke's Medical Center)  
Expertise: Electroanalytical chemistry, chemical instrumentation, drug analysis by chromatography, electroanalysis of environmental pollutants, analysis of biological compounds of biomedical importance, analytical chemistry, environmental chemistry

160) PEÑA, Maria Marjorette O.  
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Website: [http://cccr.sc.edu/inv\\_marj-pena.html](http://cccr.sc.edu/inv_marj-pena.html)  
Present Position: Research Associate Professor  
Expertise: Cancer biology, biochemistry and molecular biology

161) PERNIA, Ernesto M.  
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Present Position: Professor of Economics  
Expertise: Developmental economics, population and human resource development, urban and regional economics, macroeconomics

162) PISIGAN, Rodolfo Jr. A.  
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Expertise Environmental chemistry, remediation, waste recycling, environmental health, heavy metals

163) PURUGGANAN, Michael D.  
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Website: <http://www.nyu.edu/fas/biology/faculty/purugganan/index.html>  
Present Position: Dorothy Schiff Professor of Genomics and Dean of Science  
Expertise: Evolutionary and ecological genomics of plant adaptations, genetics of plant domestication, nature of selection in plant genomes (Arabidopsis and rice)

164) QUE, Lawrence Jr.  
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Present Position: 3M/Alumni Distinguished Professor of Chemistry  
Expertise: Inorganic chemistry, dioxygen activation by non-heme iron in biological systems (and secondarily by manganese and copper), bio-inspired catalysis, metalloenzymes, synthetic inorganic chemistry

165) QUIOCHO, Florante A.  
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Website: <http://www.bcm.edu/biochem/?PMID=3780>  
Present Position: Charles C. Bell Professor of Structural Biology, Professor of Biochemistry and Molecular Biology, Professor of Molecular Physiology and Biophysics  
Expertise: Structural biophysics and biology, x-ray crystallography of proteins, molecular recognition and protein-ligand interactions

166) RAGASA, Consolacion Y.  
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Present Position: Full Professor 10  
Expertise: Natural products chemistry

167) RAMOS, Roberto Jr. C.  
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Website: <http://www.physics.drexel.edu/research/lowtemp/>  
Present Position: Assistant Professor of Physics  
Expertise: Low temperature physics, quantum fluids, nanotechnology, superconductivity, scanning probe microscopy, device physics quantum computing, physics education

168) RAÑESES, Anthony R. - No updated info

169) RAPOSA, Blessilda P.  
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Present Position: Associate Professor  
Expertise: Design theory

170) RAYMUNDO, Asuncion K.

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Present Position: Director and Professor

Expertise: Microbial genetics, biotechnology, molecular phytobacteriology

171) REGINO, Celeste Aida S.

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Present Position: Senior Scientist in Bioconjugation Chemistry, Exploratory Research

Expertise: drug delivery and imaging using magnetic resonance techniques, bioconjugation chemistry

172) REVILLEZA, Maria Jamela R.

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Present Position: Research Fellow

Expertise: Molecular biology and biochemistry, T-cell receptor interactions in autoimmune gastritis, plant molecular biology

173) REYES, Jaime - No updated info

174) REYES, Marcelino G. – No updated info

Expertise: Neuropathology

175) REYES, Patricio F.

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Present Position: Director (Center for Dementia and Alzheimer's Disease Care), Neurologist-Neuropathologist

Expertise: Neuropathology, Alzheimer's disease, dementia, aluminum neurotoxicity, sleep apnea, clinical trials

176) RIBAYA-MERCADO, Judy D.

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Present Position: Adjunct Professor (Retired from Tufts University)

Expertise: Vitamin A and antioxidant nutrients: their bioavailability, biochemistry, antioxidant properties, and effects on human health

177) ROCES, Susan A.

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Present Position: Full Professor

Expertise: Chemical engineering, energy engineering, environmental management

178) RODOLFO, Kelvin S.

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Website: <http://www.nigs.upd.edu.ph/faculty/kelvin.htm>

Present Position: Professor Emeritus (UIC), Adjunct Professor (UP)

Expertise: Marine ecology, environmental geology, volcanology, hazard mitigation

179) ROMERO, Danilo B.

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Present Position: Research Scientist

Expertise: Condensed matter physics, materials physics, optics

180) ROMERO, Gabriel O.

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Present Position: Chief Science Research Specialist  
Expertise: Characterization and DNA fingerprinting of rice germplasm, map-based cloning of tungro resistance, association mapping of drought resistance in rice, microarray analysis of downstream target genes of KAN1 in Arabidopsis,  $\beta$ -glucanase genes in rice, molecular evolution of cereal  $\beta$ -glucanases

181) RONDAN, Nelson G.  
Email: [ngrondan@yahoo.com](mailto:ngrondan@yahoo.com)  
Present Position: Retired from Dow Chemical Co., Freeport, TX (will retire in Iloilo)  
Expertise: Theoretical chemistry

182) ROUHI, Ann Maureen R.  
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Present Position: Deputy Editor-in-Chief (C&E News, C&EN Online)  
Expertise: Science journalism, organizational management, news operations management, news writing, copy editing, books/journal production, video production

183) RULE, Lita C.  
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Website: <http://www.nrem.iastate.edu/faculty/rule.php>  
Present Position: Associate Professor  
Expertise: Agroforestry, short rotation woody crops and industrial forestry (socio-economics and policy), hybrid poplars, dedicated energy crops

184) SALOMA, Caesar A.  
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Website: [http://en.wikipedia.org/wiki/Caesar\\_Saloma](http://en.wikipedia.org/wiki/Caesar_Saloma)  
Present Position: Professor (NIP), and Chancellor (UP Diliman)  
Expertise: Optics, signal processing, instrumentation physics research

185) SANTILLAN, Gregorio G.  
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Present Position: Lecturer  
Expertise: Biophysics

186) SANTOS, Ameurfinas D.  
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Present Position: Retired from UP National Institute of Molecular Biology and Biotechnology  
Expertise: Molecular immunology and genetics, antitumor antibodies and marine resources

187) SANTOS, Eugene S.  
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Present Position: Professor (retired?)  
Expertise: Computer science, software design of operating, word processing, database management systems, communication and decision support systems

188) SANTOS, Leonel M.  
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Present Position: Senior Scientist (Scientific Liaison to International Health EC)  
Expertise: Analytical chemistry (agricultural products, specialty chemicals, and pharmaceuticals)

189) SARIGUMBA, Terry

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Present Position: Retired

Expertise: Forest productivity research, environmental management, financial planning

190) SERAFICA, Gonzalo C.

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Present Position: Vice-President for Technology and Intellectual Property, Vice-President for Research and Development, Co-Founder

Expertise: Large-scale production of microbial cellulose, membrane bioseparations, chemical engineering

191) SEVILLA, Fortunato III B.

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Present Position: Professor of Chemistry

Expertise: Instrumentation and analytical sciences, chemical sensors and biosensors, low-cost chemical instrumentation

192) SHIER, Gloria B.

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Present Position: Mathematics Instructor

Expertise Mathematics education, proportional reasoning

193) SIMBULAN-ROSENTHAL, Cynthia M.

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Present Position: Assistant Professor and Director of MS-Biochemistry and Molecular Biology Program

Expertise: Cancer cell biology, molecular biology, apoptosis

194) SIMMEN, Rosalia C.M.

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Present Position: Professor (UAMS) and Senior Investigator in Developmental Biology (ACNC)

Expertise: Endocrinology, molecular mechanisms of uterine-derived genes during development, Dietary Factors in Mammary Development and Carcinoma

195) SIRINGAN, Fernando P.

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Present Position: Professor

Expertise Marine geology, sedimentology, geochemistry

196) SISON, Luis G.

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Present Position: Associate Professor (EEE)

Expertise: Electrical engineering, linear systems

197) SOBERANO, Mercedes

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Present Position: Financial advisor

198) SOLON, Florentino S.  
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Present Position: President and Executive Director  
Expertise: Public health nutrition, development of foods for preschool, school emergency feeding, nutrition education

199) SORIAGA, Manuel P.  
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Website: [http://www.chem.tamu.edu/faculty/faculty\\_detail.php?ID=52](http://www.chem.tamu.edu/faculty/faculty_detail.php?ID=52)  
Present Position: Professor  
Expertise: Analytical chemistry, electrochemical surface science

200) SUAREZ, Raul K.  
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Present Position: Professor  
Expertise: Evolutionary design of functional capacities, energetics of locomotion, ecological consequences and evolutionary implications of metabolic biochemistry

201) SY, Francisco S.  
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Present Position: Director  
Expertise: HIV/AIDS prevention, epidemiology, public health, parasitology

202) TAGLE, Danilo A.  
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Website: [http://accessible.ninds.nih.gov/biography/pdbio\\_danilo\\_tagle.htm](http://accessible.ninds.nih.gov/biography/pdbio_danilo_tagle.htm)  
Present Position: Program Director, Extramural Research Program (Neuroscience)  
Expertise: Functional genomics, proteomics, animal models, gene therapy in the central nervous system, Huntington's disease

1203) TAN, Benito C.  
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Present Position: Associate Professor of Biology; Deputy Director of Raffles Museum for Biodiversity Research  
Expertise: Botany, bryology (ferns), plant biodiversity, plant taxonomy

204) TAN, Joseph N.  
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Present Position: Physicist  
Expertise: Atomic physics, cold antihydrogen research, design of ion traps for high-resolution atomic spectroscopy, nanotechnology

205) TAN, Raymond Girard R.  
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Present Position: Full Professor of Chemical Engineering  
Expertise: Environmental systems modeling, life cycle assessment, sustainable energy system, decision support systems, process mass integration, statistical methods in process engineering

206) TANCHOCO, Jose M.  
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Present Position: Professor of Industrial Engineering

Expertise: Enterprise operations and production systems, global logistics and operations, container port handling and operations, unit load design, manufacturing and industrial economics

207) TANGONAN, Gregory L.

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Present Position: Professor (Ateneo); Executive Director (COMSTE)

Expertise: Fiber optics and wireless communications, photonics

208) TARROJA, Ela - No updated info

Expertise: Physics

209) TECARRO, Edwin S.

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Present Position: Assistant Professor

Expertise: Ordinary Differential Equations, Dynamical Systems, Bifurcation Theory, Mathematical Biology

210) TERRADO, Ernesto N.

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Present Position: Consultant

Expertise: Energy cluster, finance private sector and infrastructure (Latin America and the Caribbean), rural electrification

211) TIGNO, Xenia T.

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Present Position: Program Director

Expertise: Physiology, Microcirculation, Diabetes, Aging

212) TIONG -KOEHLER, Jean D.

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Present Position: Biologist

Expertise: Molecular biology, biochemistry, developmental neurobiology, endocrinology

213) TOLEDO, Romeo T.

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Present Position: Professor (retired?)

Expertise: Food processing and engineering, thermal and alternative processes

214) TOLOSA-CROUCHER, Leah M.

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Present Position: Assistant Director and Research Associate Professor  
Expertise: Optical sensors and biosensors, fluorescence spectroscopy

215) TRINIDAD, Lorele C.  
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Present Position: Laboratory Head and University Researcher III  
Expertise: Microbiology (biochemistry, genetics), biochemical and genetic characterization of heavy metal resistant bacteria, scanning and transmission electron microscopy

216) TUASON, Roman Jr. V. - No updated info  
Expertise: Computer science and applied electronics

217) TUAZON, Carmelita U.  
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Present Position: Professor of Medicine, Director of International Medicine  
Expertise: Infectious diseases, tropical medicine, staphylococcal infections, infections in drug abusers, opportunistic infections in AIDS, schistosomiasis

218) TUPAS, Luis M.  
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Present Position: National Program Leader for Global Change and Climate  
Expertise: Oceanography, polar studies, microbial ecology

219) TUPASI-RAMOS, Thelma E.  
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Website: <http://www.tdf.org.ph>  
Present Position: President and Executive Director  
Expertise: Multi-drug resistant tuberculosis, infectious diseases

220) TURNER, Caroline S.V.  
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Present Position: Professor  
Expertise: Educational policy, diversity in education, gender/racial and ethnic equity issues in education

221) UY, O. Manuel  
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Present Position: Principal Professional Chemist and Statistician  
Expertise: Chemistry, materials and processes, physics and statistics, analysis of chemical, biological and nuclear detection systems, design of experiments for computer simulation, field testing, retrospective data mining, reliability predictions, instrument performance optimization, mass spectrometry, gas chromatography, IR/Vis/UV/Raman spectrometry

222) VEA, Reynaldo B.  
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Present Position: President and CEO, Mapua Institute of Technology  
Expertise: Marine transportation systems, naval architecture, marine engineering, mechanical engineering

223) VELASQUEZ, Manuel T.  
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Present Position: Professor of Medicine  
Expertise: Nephrology

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Present Position: Postdoctoral Research Scholar, California Institute of Technology  
Expertise: Measurements of atmospheric trace gases from balloon-borne, ground-based and ship-borne infrared spectrometers, transport of pollution in the atmosphere, effects of climate change, monitoring changes in atmospheric composition, effects of biomass burning on the atmosphere

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Present Position: Consultant; Retired from Johnson & Johnson Pharmaceutical Research & Development  
Expertise: Biopharmaceutical drug development process, including protein characterization & analytical test requirements, and regulatory requirements

226) VILLAMENA, Frederick A.  
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Email: [Villamena.1@osu.edu](mailto:Villamena.1@osu.edu)  
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Present Position: Associate Professor  
Expertise: Spin-trapped radicals in biomedical applications and phenomena

227) VILLANUEVA, Antonio R.  
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Website: [www.azhistomorphomibs.com](http://www.azhistomorphomibs.com)  
Present Position: Consultant (Histopathology & Histomorphometry); President, Arizona Histopathology & Morphometry Services  
Expertise: Investigation of microfractures, static and dynamic factors involved in avascular necrosis of the human femoral head, osteoporosis (mechanism of bone loss, statics and dynamics of bone remodeling), implants (hydroxyapatite, titanium, calcium phosphate, BMP), effect of fluoride on bone cells (histologic and histochemical), bone stains (for fresh, unembedded and plastic embedded sections of bone)

228) VILLANUEVA, Jay T.  
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Present Position: Adjunct Instructor  
Expertise: Mathematics

229) VILLASEÑOR, Irene M.  
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Present Position: Professor  
Expertise: Natural products chemistry, isolation and structure elucidation of biologically active constituents from medicinal plants, environmental mutagenesis

230) VIRATA-THEIMER, Maria Luisa A.  
Office: US Food and Drug Administration, Center for Biologics Evaluation and Research, Office of Blood Research and Review, Division of Hematology, Laboratory of Plasma Derivatives, NIH Bldg. 29, Rm. 304, 1401 Rockville Pike, HFM-345, Rockville, MD 20852-1448  
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Present Position: Chemist/Regulatory Review Scientist  
Expertise: Viral safety of blood and blood products, neutralizing and non-neutralizing antibodies against hepatitis C virus, host entry factors in HCV infection, anti-A, -B and -D antibodies in immune globulin products, transmission and nucleic acid testing of parvovirus B19, antibodies against hepatitis A virus, measles virus and parvovirus B19 in immune globulin products

231) WIJANGCO, Antonio – No updated info

232) YAP, George S.

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Present Position: Associate Professor

Expertise: Immunology, infection, cytokines, mouse models of *Toxoplasma gondii* infection

233) YSRAEL, Mafel C.

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Present Position: Associate Professor and Chairman, Dept. of Biochemistry, Faculty of Pharmacy

Expertise: Natural products chemistry and pharmacology

234) ZAPANTA-LEGEROS, Racquel

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Present Position: Professor of Biomaterials and Biomimetics and Implant Dentistry; Associate Dept. Chair

Expertise: Chemistry, calcium phosphates in calcified tissues (normal and pathological); effect of fluoride, strontium, magnesium, and other elements on formation and stability of apatites and related calcium phosphates in vitro and in vivo; calcium phosphate-based biomaterials (for bone repair, substitution); implant coatings; minority oral health

235) ZARCO, Romeo M. - No updated info

Expertise: Immunology

### **Associate Members**

1) ALMENDRALA, Michelle C.

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Present Position: Associate Professor

Expertise: membrane separation applications in wastewater treatment and recycling; rice bran oil extraction, fruit juice clarification and concentration by osmotic distillation using hollow fiber membranes

2) AVISO, Kathleen B.

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Present Position: Associate Professor

Expertise: Mathematical modeling for resource conservation in industrial systems, rough sets for decision support in life cycle analysis, applications of artificial intelligence in decision theory and analysis, optimization tools for environmental management

3) DETALLA, Alnar L.

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Present Position: Associate Professor

Expertise: Partial differential equations and calculus of variations, electronics and communications engineering

4) ENDOMA-ARIAS, Mary Ann A.

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Present Position: Associate Professor of Chemistry

Expertise: Synthetic organic chemistry, preparation of organic compounds, applications of enzyme-catalyzed transformations in the synthesis of chiral compounds

5) FEBRIA, Catherine M.

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Present Position: Assistant Research Scientist/Postdoctoral Research Associate

Expertise: Environmental science, ecosystem ecology, biogeochemistry and freshwater ecosystem services, microbial biogeography, structure and function of aquatic ecosystems (freshwater and marine; from molecular carbon to aquatic microbes and invertebrates)

6) HERNANDEZ-PANTUA, Maria Genevive H.

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Present Position: Postdoctoral Fellow

Expertise: Immunology (immune responses to tumors, antitumor immunotherapies, retrovirus-based transduction of dendritic cells, mouse models to study CD40 signaling on APCs in inducing naïve and memory CD8+ T cell responses), virology, vaccine candidates and diagnostic kits for schistosomiasis

7) ILAG, Lawrence L.

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Present Position: Associate (patent prosecution and litigation, primarily in biotech and pharmaceutical areas),

Expertise: Molecular biology, genomics, biochemistry, genetics

8) JADULCO, Raquel C.

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Present Position: Associate Professor and Department Chair; Officer-In-Charge, Office of the College Secretary

Expertise: Pharmaceutical product development, marine natural products chemistry

9) PANTUA, Homer D.

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Present Position: Senior Researcher (Microbial Pathogenesis)

Expertise: virology (virus-like particles as vaccines for Paramyxovirus (Newcastle disease virus), molecular pathogenesis and animal models of infectious diseases), immunology, veterinary medicine (molecular and epidemiological studies of animal schistosomiasis)

10) SALIGAN, Leorey N.

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Present Position: Deputy Clinical Director, Intramural Research Program

Expertise: Family nursing, molecular-genetic correlates of fatigue in cancer patients, system management protocols studying the natural history of pain and fatigue syndromes, clinical trials exploring the mechanisms involved in the management of chronic neuropathic pain and fibromyalgia, clinical research protocols on intraocular inflammation, ocular sarcoidosis

11) SALOMA, Cynthia P.

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Present Position: Associate Professor and Deputy Director, NIMBB

Expertise: Developmental biology, neurology

12) STA. IGLESIA, Drina D.

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Expertise: Stem cells, corneal wound healing, cell and developmental biology

13) TEOTICO-POHLHAUS, Denise G.

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Present Position: Principal Scientist

Expertise : Structure-based drug design support involving analysis of crystal structures and design of novel compounds for synthesis; high-throughput screening, protein crystal growth and optimization; chemoinformatics

14) TORRES-VILLANUEVA, Celia Aurora

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Present Position: Business Development Advisor (Climate and Atmosphere Theme, CSIRO Marine and Atmospheric Research, Managing Species and Natural Ecosystems Theme, Climate Adaptation Flagship)

Expertise: Molecular immunology and genetics, DNA vaccines, intellectual property law, commercialization of knowledge transfer

15) VELARDE, Michael C.

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Present Position: Postdoctoral Trainee

Expertise: Genetics, gynecological disorders, women's health and cancer, aging and age-related diseases, steroid hormone signaling in mammalian uterus, molecular regulation of endometriosis and infertility, mitochondrial oxidative damage promotes cellular senescence-associated inflammation response in the skin

16) VILLANUEVA, James A.

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Present Position: Associate Professor of Biochemistry, Dean of Student Affairs

Expertise: Bioinorganic chemistry, spectroscopic studies of proteins, biodesulfurization and remediation, immunoliposomes for drug delivery, metalloproteins, protein misfolding