

CURRICULUM VITAE: Philip Ian Prieto Padilla, MD, PhD
Assistant to the Executive Director for Core Facilities and Extension Services
Philippine Genome Center
Professor and Former Faculty Regent
Division of Biological Sciences, University of the Philippines Visayas
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(As of 26 Oct 2024)

Education:

Diploma Postgraduate Course on Research & Development of Products to Meet Public Health Needs (2009) Nagasaki University (Japan) and Thammasat University (Thailand)

Postdoctoral Research Fellowship (2000-05; 2006-07) **Pulmonary-Cardiovascular Medicine Branch** (Formerly known as the Pulmonary Critical Care Medicine Branch) National Heart, Lung and Blood Institute, National Institutes of Health, 10 5N314 Bethesda, MD 20892 Mentors: Joel Moss, MD, PhD and Martha Vaughan, MD

PhD Medical Science (Bacteriology) (2000) Department of Bacteriology, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan, Mentor: Toshiya Hirayama, PhD Dissertation: Morphologic differentiation of HL-60 Cells is associated with appearance of RPTP□ and induction of *Helicobacter pylori* VacA sensitivity.

MD Doctor of Medicine (including Internship) (1992), College of Medicine, University of the Philippines, Manila, Manila, Philippines

BS Biology, cum laude (1987), College of Arts and Sciences, University of the Philippines Visayas, Iloilo City, Philippines

Employment Record:

LIST OF POSITIONS HELD

POSITION	SCHOOL/UNIT/OFFICE	INCLUSIVE DATES
Vice Chancellor for Academic Affairs	UP Visayas	11/01/2020- 12/31/2023
Chairperson	Div. of Biological Sciences, CAS, UP Visayas	03/11/2019– 10/31/2020
Chairperson	Div. of Biological Sciences, CAS, UP Visayas	05/01/2013– 10/31/2014
Faculty Regent	UP System	01/01/2015-12/31/2016
Visiting Professor	Nagasaki University	04/01/2009-03/31/2011
Reliever Doctor	Health Services Unit, UP Visayas	07/05/2011– 11/30/2011
Reliever Doctor	Health Services Unit, UP Visayas	11/03/2008– 05/03/2009
Director	NIMBB, UP Visayas	07/01/2008– 03/31/2009
Medical Officer III (p.t.)*	Health Services Unit, UP Visayas	08/02/1993– 03/31/1995
Medical Officer III	Health Services Unit, UP Visayas	04/12/1993– 04/30/1993

LIST OF RANKS

RANK	EFFECTIVITY
Affiliate Professor, UPOU	08/01/2015 – 07/31/2016
Affiliate Professor, UPOU	08/01/2016 – 07/31/2018
Professor 4, CAS, UPV	01/01/2014 – Present
Associate Professor 6, CAS, UPV	06/01/2009 – 12/31/2013
Associate Professor 3, CAS, UPV	04/01/2008 – 05/31/2009
Associate Professor 1, CAS, UPV	06/01/2005 – 03/31/2008

Instructor 3, CAS, UPV	06/01/1992 – 03/31/1993
Instructor 3, CAS, UPV	06/01/1993 – 05/31/1995

Most notable academic work:

1. Consistently rated either Very Good or Excellent in student evaluation instrument for both undergraduate and graduate courses (and UPV Senior High School since school year 2017)
2. Was part of the original committee that instituted the UPV BSPH curriculum (1994-1995)
3. Sherpherded the revisions of both the BS Biology and BS Public Health programs with institution of numerous new courses and AUN-QA certification
4. Increased capacity building for UP-NIMBB thru the establishment of the Marine Microorganism and Tissue Culture Bank (MMTCB).
5. Established academic linkages between local (Iloilo Doctors' College of Medicine, Iloilo Doctors' College) and an international university (Nagasaki University) and UPV [SEP]
6. **Initiated and pushed for appointment the of UPV as the Academic Partner of DOH6, Zuellig Family Foundation & USAID, Office of the Vice-President and SeaOil Foundation, and DSWD 6 in the implementation of the Health Leadership and Governance Program (Reg. 6), Angat Buhay Program, and Leadership for Convergence Program, respectively. [SEP] Training of numerous mayors, municipal health officers, social workers, and planning officers on bridging leadership and governance.**
7. **Worked with Unilab Foundation and BSPH students in providing solutions to the public health problems of Western Visayas Barangays (Unilab Ideas Positive)**
8. **Promoted Quality Assurance practice and culture with capability building trainings within UP as QA System committee at large member**
9. Organized several workshops for the improvement of BS Bio and BSPH programs to conform with AUN-QA standards
10. **Managed to bring several externally funded research grants to UPV (400k, PCHRD DOST Health Surveys Project, 4.5M PCAARD DOST Oyster Project, 5M PCAARD DOST Mussel Project; 10M CHED Diwal Project)**
11. Provided logistical support and organized international and local symposia by scientific and professional organizations (PAASE, PSM- Visayas Chapter, UPCM-PGH Iloilo Alumni Foundation) [SEP]
12. Active member either as officer or board member of UP alumni associations (UPAA-Iloilo, UPV-CAS Alumni Association, UP Medical Alumni Society, UPCM-PGH Iloilo Alumni Foundation, Philippine Association of Japan Ministry of Education Scholars-Visayas) in organizing academic conferences, symposia, community outreach work. [SEP]

Membership in Professional Societies:

Japanese Society for Bacteriology
 Pi Gamma Mu Honor Society (inactive)
 Phi Kappa Phi Honor Society (inactive)
 Philippine Health Social Science Association (PHSSA)
 Philippine-American Academy for Science and Engineering (PAASE) **ELECTED MEMBER**
 Philippine Society for Cell Biology (PCB)
 Philippine Society for Microbiology (PSM)- Visayas (former President)
 Philippine Society for Neuroscience (PSN)
 Philippine Society for Biochemistry and Molecular Biology
 Philippines-ASEAN-Japan Friendship Association for the 21st Century (PAJAFJA)
 Philippine Association of Japanese Ministry of Education Scholars (PHILAJAMES)
 University of the Philippines Medical Alumni Association (UPMAS)
 University of the Philippines College of Medicine- Philippine General Hospital Alumni Foundation in Iloilo (former secretary and President)
 University of the Philippines Medical Alumni Association in America (UPMASA)
 University of the Philippine Visayas College of Arts and Sciences Clovers Alumni Association

Languages:

English: excellent in written, verbal and reading skills

Japanese: good in basic Japanese verbal skills and average in writing and reading skills

Filipino (Tagalog): excellent in written, verbal and reading skills

Ilonggo (Hiligaynon): excellent in written, verbal and reading skills

Awards:

2023 UP Most Outstanding Alumni in Public Health, UP Alumni Association- Iloilo

2019 Chancellor's Outstanding Awardee in Public Service

Best Poster, Development of microsatellite markers for genetic characterization of slipper-shaped oyster, *Crassostrea iradelei* populations, 2nd National Fisheries Biotechnology Symposium, CLSU, 25 Nov 2016

UP Gawad Pangulo Award for Excellence in Public Service 2017, Bridging Leadership towards poverty alleviation and inclusive development

UP Gawad Pangulo Award for Excellence in Public Service 2017, Evidence-based Planning for resilient local health systems (rEBaP)

Champion UNILAB Ideas Positive Top 14 Team (2015) Team PH Cares (Mentor) Community-based Pediculosis control in an Elementary School

2nd Runner up UNILAB Ideas Positive Top 14 Team (2015) Team Elephantiasis (Mentor)^[SEP]Community-based Filariasis control in a barangay in Tapaz, Capiz

4th Runner Up UNILAB Ideas Positive Top 14 Team (2015) Team Dental Cares (Mentor)^[SEP]School-based dental health program in Tubungan, Iloilo

1st Runner up UNILAB Ideas Positive Top 14 Team (2014) Team MamaSitters (Mentor) Community-based maternal health program in a geographically-isolated and disadvantaged barangay in Janiway Iloilo

1st Runner up UNILAB Ideas Positive Top 14 Team (2013) Team Kabayan (Mentor)

2nd Runner up UNILAB Ideas Positive Top 14 Team (2013) Team Malnutrition Rangers (Mentor)^[SEP]

1st Runner Up UNILAB Ideas Positive Top 12 Team (2012) Team Kabataan Katipuneros (Mentor)^[SEP]

Awardee, UPAA (Iloilo) Most Outstanding Jubilarian 2012 (Education)^[SEP]

Awardee, Outstanding Iskolar ng Bayan UP Centennial, 2008^[SEP]

Special Prize, The 11th International Speech Contest in Japanese Nagasaki City, Japan, June 27, 1999^[SEP]

Monbusho Scholar (Japanese Ministry of Education, Science, and Culture Scholarship), April 1995-March 2000^[SEP]

Most Outstanding Graduate, Rotary International Award, 1987^[SEP]

Most Outstanding Student, University of the Philippines Visayas Chancellor's Award, 1986^[SEP]

PTA Scholar Parents-Teacher's Association Scholar, June 1986-March 1987

Publications:

~Mary Nia M. Santos, Daisy Wowor, Minoru Ikeda, **Philip Ian Padilla**, and Maria Rowena Romana-Equia. 2024. Morphological and genetic diversity assessment of freshwater prawns (*Macrobrachium* spp.) in the Cairawan River, Antique Province, Panay Island, Philippines. **Phil J Sci**. 31 (1); in press.

~May Flor S. Muegue, **Philip Ian Padilla**, Ramela C. Bermeo-Capulong, Christopher Marlowe A. Caipang, Rommel J. Gestuveo, Mary Jane A. Amar, and Jane S. Geduspan. 2023 Histopathological changes in the hepatopancreas and stomach of *Litopenaeus vannamei* experimentally induced with White Spot Syndrome Virus Infection. **Uttar Pradesh J Zool**. 44:16; 63-72.

~Bermeo, MRAC, Gestuveo, RJ, Geduspan, JS, and **Padilla, PIPP**. 2023. Microsatellites reveal genetic structures of the slipper-shaped oyster, *Magallana blineata* (Roding, 1798), populations in central Philippines. **Philipp. J. Sys. Biol.**, in press

~Marshaley J. Baquiano and **Philip Ian Padilla**, 2023. Unpacking internal displacement in Philippine media using social representations theory. **J of Ethnic and Migrations Stud**. 13 March.

~Joswa G. Bilonid, **Philip Ian Padilla**, May Flor S. Muege, Marilyn S. Sumayo, and Jane S. Geduspan 2023. Bacterial community structure, diversity, and fertility of soil with and without press mud in two sites in Panay, Philippines. **J of Trop Life Sci**. 13; 1; 23-36.

- ~**Philip Ian Padilla** and Fernando B. Garcia, Jr., 2023. The role of the academic partners in strengthening local health systems to address COVID-19 epidemic. **Lockdown and Lowdown: The politics of COVID-19 pandemic response in the Philippines**. Rosalie Hall, editor. Konrad Adenauer Stiftung (publisher).
- ~**Philip Ian Padilla**. 2019. Genetic characterization and selective breeding. **The Philippines Recommends for Mussel**. ISSN 0115-7833.
- ~Michelle Besana, Ma. Ramela Bermeo, and **Philip Ian Padilla**. 2019. Influence of physicochemical water parameters on the total weight of the slipper-shaped oyster *Crassostrea iredalei* in Visayas, Philippines. **Philippine Statistician**. 65:2; 45-64.
- ~ Joseph L. Arbizo, **Philip Ian P. Padilla**, Marilyn S. Sumayo, Mitzi N. Meracap, Andrea Marie N. Napulan, Rex Victor V. Dolorosa, Princess Monic Q. Velasco, Leslie S. Asorio, Thea Joy A. Clarito, James Matthew V. Recabar, Sael D. Rodriguez. 2019. Spatio-temporal analysis of animal rabies cases in Negros Occidental, Philippines from 2012-2018. **The Philippine Statistician**. 68:2. 65-82.
- ~Michelle Besana, Ma. Ramela Bermeo, and **Philip Ian Padilla**. 2019. Influence of physicochemical water parameters on the total weight of the slipper-shaped oyster *Crassostrea iredalei* in Visayas, Philippines. **The Philippine Statistician**. 68:2. 45-64.
- ~Adrienne Marrie Bugayong, Philip Cruz, and **Philip Ian Padilla**. 2019. Antibacterial activity and chemical composition of essential oils from leaves of some aromatic plants of Philippines. **Journal of Essential Oil Bearing Plants**. 22:4, 932-946.
- ~Marilyn S. Sumayo, **Philip Ian P. Padilla**, et al. 2018. Association of topography with demographic and socio-demographic factors to the compliance and non-compliance of mothers to reproductive health services. Philippines. **Philippine Journal of Health Research and Development**. 22:1, 1-8.
- ~Joval Martinez and **Philip Ian Padilla**. 2017. Characterization of agar-digesting bacteria isolated from thallus of red seaweed in the Philippines. (Book Chapter). **Enzymes and Their Applications**. Fahrul Zaman Huyop and Roswanira Ab. Wahab (eds). UTM, Malaysia.
- ~Joval Martinez and **Philip Ian Padilla**. 2017. Rotten thallus of red seaweed, *Gracilariopsis heteroclada* Zhang et Xia, is associated with agar-digesting *Bacillus* spp. **Journal of Fisheries Sciences**. 11:4, 34-40.
- ~Michelle Besana and **Philip Ian P. Padilla**. 2017. Modeling Iloilo River Water Quality. **The Philippine Statistician**. 66:1, 75-92.
- ~Michelle Besana and **Philip Ian P. Padilla**. 2016. An Evaluation of Health Surveys in the Philippines. **Philippine Journal of Health Research and Development**. 20:4, 1-9.
- ~Iris Ann Borlongan, Ma. Rovilla J. Luhan, **Philip Ian P. Padilla** & Anicia Q. Hurtado. 2016. Photosynthetic responses of 'Neosiphonia sp. epiphyte-infected' and healthy *Kappaphycus alvarezii* (Rhodophyta) to irradiance, salinity and pH variations. **Journal of Applied Phycology**. Published on line march 2016.
- ~Joval N. Martinez and **Philip Ian Padilla**. 2016. Isolation and characterization of agar-digesting *Vibrio* species from the rotten thallus of *Gracilariopsis hetroclada* Zhang et Xia. **Marine Environmental Research**. 119; 156-160.
- ~Souheil El-Chemaly, Gustavo Pacheco-Rodriguez, Daniela Malide, Victor Meza-Carmen, **Philip I. Padilla**, et. al. 2014. Nuclear localization of vascular endothelial growth factor-D and regulation of c-Myc-dependent transcripts in human lung fibroblasts. 2015. **American Journal of Respiratory Cell and Molecular Biology**. 51 (1); 34-42.
- ~Maria Johanna Cuadra and **Philip Ian Padilla**. 2013. Community-Associated Methicillin-resistant *S. aureus* in waste pickers: Prevalence and SCCmec characterization of CA-MRSA in young waste pickers of the Iloilo City dumpsite, Philippines. Lambert Academic Publishing. AV Akademikerverlag GmbH & Co. KG, Germany, ISBN 978-3-659-42260-7

~Francis Nuestro Baleta Liberato V. Laureta¹, Mary Jane S. Apines-Amar, **Philip Ian P. Padilla** and Gerald F. Quinitio. 2011. Biological activities of the extracts of *Sargassum oligocystum* (Magnaye) against some aquaculture pathogenic bacteria. **Israeli J. Aquaculture – Bamidgeh**. IIC:63.2011.667

~Concepcion Ponce and **Philip Ian Padilla**. 2012. Review: Top down and molecular self-assembly of bioconjugated nanomaterials on biosensing devices for infectious disease diagnostics. **Frontiers in Bioscience**. E4, 101-110, January 1, 2012

~Adrienne Marrie S. Bugayong, Karla Teresa S. Araneta, Jennifer C. Cabanilla, Christian Era U. Gayatgay, Ernest Jan T. Nufuar, Krystal Hope S. Rufino, Mary Ann C. Caro, and **Philip Ian Padilla**. 2011. Effect of dry-on suffocation-based treatment on the prevalence of pediculosis among schoolchildren in Calagtangan Village, Miag-ao, Iloilo. **Phil. Sci. Lett.** 4; 33-37.

~Jezreel L. Taquiso, Jannie Mae G. Alama, Ma. Socorro Fatima P. Calitis, Ria Angela E. Cervantes, Marian Aisa C. Garcia, Pelita A. Otico, Donna Ginn G. Pacheco and **Philip Ian Padilla**. 2008. Microbiological water analysis of selected point sources in Iloilo River. **UPV J. of Nat. Sci.** 18: 11-24.

~**Philip Ian Padilla**, Marina Uhart, Gustavo Pacheco-Rodriguez, Brenda Peculis, Joel Moss and Martha Vaughan. 2008. Association of guanine nucleotide-exchange protein 1 (BIG1) in HepG2 cell nuclei with nucleolin, U3 snoRNA, and fibrillar. **Proc. Nat'l Acad. Sci. USA**. 105; 3357-3361.

~Torres, James L. and **Philip Ian Padilla**. 2005. Health hazards in the water: Look before you swim IN **Sourcebook: Philippine Marine Environment**. National Committee on Marine Sciences, UNESCO National Commission of the Philippines, Department of Foreign Affairs, Pasay City. Chapter 13 (p.137-142).

~**Philip Ian Padilla**, Gustavo Pacheco-Rodriguez, Joel Moss and Martha Vaughan. 2004. Nuclear localization and molecular partners of the brefeldin A-inhibited guanine nucleotide-exchange protein 1 (BIG1) for ADP-ribosylation factors. **Proc. Nat'l Acad. Sci. USA**. 101; 2752-2757.

~**Philip Ian Padilla**, Min-ju Chang, Gustavo Pacheco-Rodriguez, Ronald Adamik, Joel Moss and Martha Vaughan. 2003. Interaction of brefeldin-inhibited guanine-exchange protein 1 (BIG1) and FKBP13: Effects of FK506. **Proc. Nat'l Acad. Sci. USA**. 100; 2322-2327.

~**Philip Ian Padilla**, Akihiro Wada, Kinnosuke Yahiro, , Miyuki Kimura, Takuro Niidome, Haruhiko Aoyagi, Atsushi Kumatori, Masanobu Anami, Tomoyoshi Hayashi, Jun-ichi Fujisawa, Haruo Saito, Joel Moss and Toshiya Hirayama. 2000. Morphologic differentiation of HL-60 Cells is associated with appearance of RPTP-b and Induction of *Helicobacter pylori* VacA sensitivity. **J. Biol. Chem.** 275; 15200-15206. (Doctoral Dissertation)

~Hirayama, T., Yahiro, K., Kimura, M., Okamoto, K., **Padilla, P. I.**, Wada, A., Niidome, T., Hatakeyama, T., & Aoyagi, H. (1997). Some properties of vacuolating toxin and IL-8 inducing factors from *Helicobacter pylori*. **Japanese J of Med Sci and Bio**, 50 (4-5), 198-199.

~Yahiro, Kinnosuke, Niidome, Takuro, Hatakeyama, Tomomitsu, Aoyagi, Haruhiko, Kurazono, Hisao, **Padilla, Philip Ian**, Wada, Akihiro, Hirayama, Toshiya. 1997. *Helicobacter pylori* vacuolating toxin binds to the 140-kDa protein in human gastric cells lines, AZ-521 and AGS. **Biochem. Biophys. Res. Comm.** 238; 629-632.

~Wada, Akihiro, Hasegawa, Makoto, Matsumoto, Kazuya, Niidome, Takuro, Kawano, Yukio, Hidaka, Yuji, **Padilla, Philip Ian**, Kurazono, Hisao, Shimonishi, Yasutsugu, Hirayama, Toshiya. 1996. The significance of Ser 1029 of the heat-stable enterotoxin receptor (STaR): relation of Sta-mediated guanylyl cyclase activation and signaling by phorbol myristate acetate. **FEBS Letters**. 284; 75-77.

References:

Dr. Eric Domingo, Former Director of Phil FDA Director General and PGH

Dr. Jaime Galvez Tan, Former Secretary of Health, DOH and President of Health Futures Foundation, Inc

Atty. Shirlyn Baniyas-Nogralas, former Vice Mayor, General Santos City, former Congresswoman (Gen San), House of Representatives, Republic of the Philippines