

EXPERT'S PROFILE

Name of Grantee: PAOLO ANTONIO S. SILVA, MD
Area of Expertise: Ophthalmology – Teleophthalmology, Retinal Imaging and Diabetic Eye Disease
Inclusive Dates of Contract: Long-term Program
as BSP Awardee May 23, 2016 – May 22, 2018 (2 years)
Host Institution: Philippine Eye Research Institute, National Institutes of Health, UP Manila



EDUCATIONAL BACKGROUND

Doctor of Medicine, College of Medicine, University of the Philippines Manila, 1997 – 2002

BSc Pharmacy, University of the Philippines Manila, 1993 - 1997, *Cum Laude* with honors

PROFESSIONAL EXPERIENCE

2015 – present	Assistant Professor in Ophthalmology, Harvard Medical School, Boston, MA
2010 – 2015	Instructor in Ophthalmology, Harvard Medical School, Boston, MA
2014	Assistant Investigator, Research Division, Joslin Diabetes Center, Boston, MA
2013	Section Head, Retinal Disease and Ophthalmic Imaging, Institute of Ophthalmology, National Institutes of Health, UP Manila Adjunct Faculty, Philippine Eye Research Institute, National Institutes of Health, UP Manila Research Associate, Research Division, Joslin Diabetes Center, Boston, MA
2012	Co-Director, Teleophthalmology Program, The Medical City, Philippines

TO BE ACCOMPLISHED AS BS AWARDEE:

1. Oversee the research project, “Epidemiologic Assessment of Avoidable Blindness and Diabetic Retinopathy (RAAB+DR) in the Philippines”;
2. Assist the researchers of the UP-NIH in their ongoing DOST-assisted project “Patterns of Peripheral Retinal and Central Macula Ischemia in Diabetic Retinopathy as evaluated by Ultrawide Field Fluorescein Angiography” in:

- a. analyzing and validating their data
 - b. coordinating with the Joslin Diabetes Center for final validation of retinal image analysis
 - c. drafting of the secondary manuscripts on “Association of macular nonperfusion and leakage with disorganization of retinal inner layers”;
3. As a faculty of the PERI, Dr. Silva will lead in the development of the Teleophthalmology and Image Reading Center of PERI through:
 - a. Development of a standardized training manual
 - b. Training of image analysts in various retinal imaging modalities
 - c. Teaching and mentoring of university researchers in the conduct of retinal imaging studies