

EXPERT'S PROFILE

Name of Grantee : Patricia E. Cabrera, MD
Area of Expertise : Ophthalmology, Ophthalmic Genetics
Inclusive Date of Contract as BSP Awardee : Short-Term Program
: 10 July – 20 September, 2017 (73 days)
Host Institution : Philippine Eye Research Institute, UP NIH
E-mail Address : patcabrera111@gmail.com



EDUCATIONAL BACKGROUND

- **Visiting Fellow (Postdoctoral Research Fellow)**, 2016, National Institutes of Health, USA
- **Doctor of Medicine**, 2008, University of Santo Tomas, Magna Cum Laude
- **BS in Molecular Biology and Biotechnology**, 2003, University of the Philippines-Diliman

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

2015 Reviewer, PLOS ONE

2012 Assistant Chief Resident for Research and Academics, UP-PGH Department of Ophthalmology and Visual Sciences

2006-2007 Local Exchange Officer, UST Asian Medical Students' Association

2002-2003 President, University of the Philippines Molecular Biology and Biotechnology Society

CERTIFICATION & LICENSES

2013 Diplomate, Philippine Board of Ophthalmology

2009 Physician Licensure exam, Professional Regulation Commission Board of Medicine

PROFESSIONAL AND RESEARCH EXPERIENCE

- 2015 - 2016 **Visiting Fellow (Postdoctoral Research Fellow)**
Ophthalmic Genetics and Visual Function Branch
National Institutes of Health/National Eye Institute
Rockville, Maryland
- 2014 **Clinical Fellow, Pediatric Ophthalmology and Strabismus**
University of the Philippines – Philippine General Hospital
Department of Ophthalmology and Visual Sciences
- 2013 **Chief Resident**
Department of Ophthalmology and Visual Sciences
University of the Philippines – Philippine General Hospital

- 2010-2012

Resident, Ophthalmology

University of the Philippines – Philippine General Hospital
Department of Ophthalmology and Visual Sciences

To be accomplished as a BSP Awardee

1. Develop research proposal on molecular and clinical studies in inherited eye diseases that aims to identify Filipino families with inherited eye diseases that will enable to identify the causative gene of the disease. This study will be done in partnership with the National Eye Institute (NEI) and Philippine Genome Center (PGC);
2. Develop research proposal on genetic screening of retinoblastoma patients that will determine the profile of retinoblastoma mutations in the country. The proposed study will be the first of its kind to undertake genetic screening for retinoblastoma patients. It will also determine cost-effectiveness of molecular testing;
3. Provide technical assistance which includes training of personnel involved in the various aspects of the study such as genetics, gene screening, sequencing, history taking in familial diseases, pedigree construction and data analysis;
4. Coordinate with the NEI and PGC and other ophthalmologists and eye centers to further explain the details of the research proposals.