

## EXPERT'S PROFILE

**Name of grantee:** **GEORGINA E. CRUZ, PhD**  
**Area of expertise:** Chemosensory neuroscience; Neurophysiology  
**Inclusive Date of Contract as BSP Awardee:** Short-Term Program  
01 – 30 July (30 days)  
**Host Institution:** Department of Biochemistry and Molecular Biology, College of Medicine, UP Manila  
**E-mail Address:** [ginny.cruz@gmail.com](mailto:ginny.cruz@gmail.com)



### EDUCATIONAL BACKGROUND

**Ph.D. in Physiology and Biophysics**, 2006, University of Miami, Miami, FL  
**BS in Biology**, 1991, University of the Philippines Manila

### WORK EXPERIENCES

2010 – Present **Monell Chemical Senses Center, Philadelphia, PA**  
Research Associate

2006 – 2010 **Monell Chemical Senses Center, Philadelphia, PA**  
Postdoctoral Fellow

1996 – 1998 **Hokkaido University, Institute for Immunological Science, Sapporo, Japan**  
Research Fellow in Basic Immunology

1994 **National Cardiovascular Center Research Institute, Osaka, Japan**  
Research Fellow in Microcirculatory Physiology

### TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Assist researchers of the Department of Biochemistry and Molecular Biology at UP Manila on the project titled “Health Benefits and Safety of Combined Formulation of the Sampung Halamang Gamot” (Project 10HG) through the following activities:
  - a. Attend consultation meeting with 10HG researchers to discuss the project and plans for exploratory data analyses;
  - b. Conduct exploratory data analyses and follow up consultation with 10HG researchers as necessary;
  - c. Research, develop and test plausible mathematical models of drug combination interactions, and conduct an informal seminar on the topic of mechanistic modeling;

- d. Present the results of data analyses, model simulations and recommendations for future work to the 10HG researchers.
2. Conduct lectures on the following topics to researchers, faculty, students and stakeholders:
  - a. An Overview of Chemosensory Neuroscience;
  - b. Imaging the Living Brain.