

## EXPERT'S PROFILE

**Name of Grantee** : **DR. NOEL A. PABALAN**  
**Area of Expertise** : Molecular Biology  
**Inclusive Date of Contract as BSP Awardee** : November 3, 2009 - November 2, 2011 (Long Term)  
**Host Institution** : College of Natural Sciences  
Saint Louis University  
A. Bonifacio Street, Baguio City



### EDUCATIONAL BACKGROUND

- PhD in Genetics, York University, Ontario, Canada, 1998
- MS in Biology, Saint Louis University, 1982
- BS in Biology, Saint Louis University, 1976

### WORK EXPERIENCE:

- **2003 - present** - **Researcher**  
Samuel Lunenfeld Research Institute  
Mt. Sinai Hospital, Toronto, Canada
- **December 2007** - **Guest Lecturer**  
Centro Escolar University  
Manila, Philippines  
University of Batangas  
Batangas, Philippines
- **2000 - 2002** - **Researcher**  
Chondrogene  
Toronto, Canada
- **February 2001** - **Guest Lecturer**  
Chulalongkorn University  
Bangkok, Thailand  
De La Salle University  
Manila
- **1999 - 2000** - **Postdoctoral Fellow**  
Department of Laboratory Medicine and Pathobiology  
Banting Institute, University of Toronto
- **1992 - 1998** - **Teaching Assistant**  
Department of Biology  
York University, Toronto, Ontario, Canada

### To be accomplished as BSP Awardee:

1. Teach graduate courses in Public Health and Molecular Biology at the College of Natural Sciences, Saint Louis University;
2. Initiate collaborative research projects between Saint Louis University and Samuel Lunenfeld Research Institute (submitted to PCHRD a research proposal titled "Meta-analysis of genetic polymorphisms in chronic diseases," for evaluation and possible funding); and
3. Publish disease epidemiology and meta-analytic research papers in ISI journals that identify which populations would be at statistical risk for chronic disease.

**Areas of Research :**

Dr. Pabalan's research experiences focus on: Meta-analyses in Genetic Epidemiology; Statistical approaches; Molecular Biology; Bioinformatics; and Data Analysis and Management.

In his studies, he depends much on applications of primary research studies. High throughput genotyping technology has resulted in a tremendous amount of published epidemiological evidence on gene-disease associations, much of them of small magnitude, therefore subject to biases and false-positive outcomes.

In the field of cancer genetics, Dr. Pabalan's work is to make these associations dependable, through collation and summary of evidence using the meta-analysis methodology.