

## EXPERT'S PROFILE

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| <b>Name of Grantee</b>                            | <b>GERARD G. DUMANCAS, PhD</b>  |
| <b>Area of Expertise</b>                          | Analytical Chemistry (Chemometrics) and Statistical Genetics          |
| <b>Inclusive Dates of Contract as BSP Awardee</b> | Short-Term Program<br>May 11 - August 11, 2019                        |
| <b>Host Institutions</b>                          | University of the Philippines - Visayas and University of San Agustin |



## EDUCATIONAL BACKGROUND

**Doctor of Philosophy in Analytical Chemistry**, Oklahoma State University, 2012  
**Bachelor of Science in Chemistry**, University of the Philippines Visayas, 2005

## PROFESSIONAL AND RESEARCH EXPERIENCE

- 2016-present **Assistant Professor of Chemistry**  
Louisiana State University - Alexandria Alexandria, LA USA, Alexandria, LA USA
- June-July 2016 **Visiting Scientist (Chemometrician)**  
GlaxoSmithKline  
King of Prussia, PA USA
- August 2014-May 2016 **Instructor of Chemistry**  
Oklahoma Baptist University  
Shawnee, OK USA
- June 2012 – August 2014 **Research Fellow**  
Arthritis and Clinical Immunology Research Program  
Oklahoma Medical Research Foundation
- June 2007 – May 2012 **Graduate Research and Teaching Assistant**  
Department of Chemistry  
Oklahoma State University

## TO BE ACCOMPLISHED AS BSP AWARDEE:

1. Development of a theoretical framework for the analysis and utilization of complex clinical data involving CVDs and diabetes available in the Philippines;
2. Development of strategies on how to access and/or generate publicly available datasets involving the CVDs and diabetes in the Philippines;
3. Provide lectures on recent trends involving health biomedical informatics and its application in the areas of CVDs and diabetes in the Philippines; and
4. Summarize and provide recommendations and proposals based on results from objectives 1-3.