

EXPERT'S PROFILE

Name of Grantee: DR. GERALD A. GALGANA
Area of Expertise: Geophysics & Geodetic Engineering
Inclusive Date of Contract: Short-Term Program
as BSP Awardee: 01 February – 07 May 2016 (90 days)
Host Institution: UP Diliman – Dep't of Geodetic Engineering
E-mail Address: [ggalgana@indiana.edu](mailto:galgana@indiana.edu)



EDUCATIONAL BACKGROUND

PhD Geophysics, 2009, Indiana University, Bloomington, Indiana
MS Geophysics, 2005, Indiana University, Bloomington, Indiana
Diploma in R&D Mgt, 1998, UP Open University, Los Banos, Laguna
BS Geodetic Engineering, 1992, UP Diliman, Quezon City

WORK EXPERIENCES

2012 - Present	AIR worldwide Corporation, Boston, Massachusetts, USA Scientist
	Universities Space Research Association (USRA), Houston, Texas, USA Visiting Scientist
2009 – 2012	USRA, Houston, Texas, USA Post doctoral Research Fellow
2002 - 2008	Dep't of Geological Sciences, Indiana University, Indiana, USA Graduate Research Assistant/Instructor/Associate Instructor
1992 - 2002	Manila Observatory, Quezon City, Philippines Remote Sensing Specialist
1994 - 1999	Empire East Land Holdings Incorporated, Makati City, Philippines Geodetic Engineer/Division Manager
1993-1994	Megaworld Properties & Holdings, Inc. Makati City, Philippines Geodetic Engineer and Section Supervisor
1992 – 1993	Remote Sensing Center – UP Diliman Research Officer

TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Set up system to ready to model crustal deformation in South Western Luzon
2. Serve as resource person on GPS Geodynamics and related Applied Geodesy and Geophysics topics in the following activities:
 - a. Seminar/ lecture Series (10 sessions) to be participated by graduate/ advanced undergraduate classes in UPD
 - b. Seminar fora to be hosted by UPD-DGE
 - c. PhilGEOS 2016
3. Act as adviser to graduate and advanced undergraduate students who are writing their thesis proposals
4. Assist in writing and packaging the research proposals on "Global Navigation Satellite System (GNSS) for Various Applications" to be submitted to PCIEERD for possible funding