

EXPERT'S PROFILE

Name of Grantee : Irene B. Rodriguez, PhD

Area of Expertise : Marine Biogeochemistry, Metallomics,
Environmental Analytical Chemistry,
Environmental Biotechnology

**Inclusive Date of Contract
as BSP Awardee** : Long Term (May 2019-May 2021)

Host Institution : University of the Philippines Diliman
Marine Science Institute

E-mail Address : ibrodriguez@msi.upd.edu.ph



EDUCATIONAL BACKGROUND

Dr. *rer. nat.* Chemistry, Karl-Franzens University Graz, Graz, Austria, 2008

MSc in Chemistry, UP Diliman, Quezon City, Philippines, 2005

BSc in Chemistry, UP Los Baños, Laguna, Philippines, 1998

PROFESSIONAL EXPERIENCES

Assistant Professor, (2019-present)

The Marine Science Institute, University of the Philippines – Diliman
Quezon City, Philippines

Post-Doctoral Research Fellow (April 2012-December 2018)

Research Center for Environmental Changes, Academia Sinica
Taipei, Taiwan

Assistant Professor (November 2008-April 2012)

Institute of Chemistry, University of the Philippines – Diliman
Quezon City, Philippines

Instructor I (November 2000-May 2005)

Institute of Chemistry, University of the Philippines – Diliman
Quezon City, Philippines

University Research Associate (October 1998-October 2000)
The Marine Science Institute, University of the Philippines – Diliman
Quezon City, Philippines

Senior Research Specialist (November 1997-May 1998)
Philippine Rice Research Institute, UPLB, Laguna, Philippines

To Be Accomplished as a BSP Awardee (Deliverables):

1. Plan and facilitate the set-up for the inorganic biogeochemistry and biotechnology laboratory Write proposals for funding consideration
2. Develop course in marine biogeochemistry
3. Teach marine biogeochemistry course
4. Develop course in environmental analytical chemistry
5. Teach environmental analytical chemistry course
6. Mentor graduate students