

EXPERT'S PROFILE



Name of Grantee : **DR. PATERNO R. CASTILLO**
Area of Expertise : **Geology**
Inclusive Date of Contract as BSP Awardee : **15 June - 14 July 2008**
Host Institution : **UP National Institute of Geological Sciences**
E-mail Address : **pcastillo@ucsd.edu**

EDUCATIONAL BACKGROUND

- Ph.D. in Igneous Petrology, Washington University in Saint Louis, 1987
- M.S. in Geology, University of Akron, 1983
- B.S. in Geology, University of the Philippines, 1977

WORK EXPERIENCE

- **2004-Present** **Professor of Geology**
University of California, San Diego
- **1997-2004** **Associate Professor**
University of California, San Diego
- **1990-1997** **Assistant Professor**
University of California, San Diego
- **1988-1990** **Assistant Professor**
University of Miami
- **1986-1988** **Postdoctoral Fellow**
Carnegie Institute of Washington
- **1983-1986** **Research Assistant**
Washington University
- **1980-1982** **Teaching Assistant**
University of Akron
- **1977-1980** **Geologist**
Philippine Bureau of Mines & Geo-Sciences

To be accomplished as BSP Awardee:

- Set up a routine analytical procedure for the inductively-coupled plasma mass spectrometer (ICP-MS) instrumentation;
- Teach an introductory course on ICP-MS instrumentation which include the basic principles of sample preparation, preparing and calibrating standard solutions, and ICP analytical technique; and
- Undertake collaborative research study with a NIGS faculty member.