

EXPERT'S PROFILE

Name of Grantee : FRANCIS I. MOLINA
Area of Expertise : Information and Communications Technology
Inclusive Date of Contract as BSP Awardee : Short-Term Program
Phase I: 01 October 2013 – 16 November 2013
Phase II: 17 January 2014 – 04 March 2014
Host Institution : University of the Philippines National Institute of Science and Mathematics Education Development (UP NISMED)
Contact Number : 1-202-596-6863
E-mail Address : fmolina@aaas.org



EDUCATIONAL BACKGROUND

- **Certificate in Interactive Multimedia/Web Development**, 1997, George Washington University, USA
- **PhD in Botany**, 1986, University of British Columbia, Canada
- **MS in Botany**, 1980, University of the Philippines, Philippines
- **BS Botany**, 1975, University of the Philippines, Philippines

WORK EXPERIENCES

- 2013 – Present **National Science Digital Library, USA**
Consultant
- 2010 – 2012 **AAAS Project 2061, USA**
Associate Program Director
- 1997 – 2010 **AAAS Project 2061, USA**
Technology Director
- 1989 – 1997 **American Type Culture Collection, USA**
Biologist/Staff Scientist

TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Observe teaching/professional development practices in order to customize the training he will be conducting in Philippine setting;
2. Meet with key staff to get input on the content of the training and develop simple instrument to measure participants' reactions and learning gains;
3. Conduct seminars and workshops in various institutions, including NISMED-UP, College of Education-UP integrated School, DOST's SEI, Philippine Science High School, and the Department of Education This will equip Filipino educators with the essential knowledge and skills for implementing the K-12 curriculum;

4. Introduce a wide variety of tools, both in print and online for improving curriculum, instruction, and assessments to the faculty members of colleges of education, classroom teachers, school heads, master teachers, graduate students in science education and DOST scholars through series of seminars and workshops that will be held once or twice a week; and
5. Provide consultancy to PCIEERD- and DOST-funded projects on interactive course materials development.