

EXPERT'S PROFILE

Name of Grantee : **MICHAEL C. VELARDE, PhD**
Area of Expertise : Aging and age-related diseases with emphasis on women's health
Inclusive Dates of Contract as BSP Awardee : Short-Term Program
February 25 to March 26, 2015
(30 days)
Host Institution : Institute of Biology, University of the Philippines, Diliman

EDUCATIONAL BACKGROUND

PhD in Physiology and Biophysics, University of Arkansas for Medical Sciences, Little Rock, AR, 2007
BS in Biochemistry, University of the Philippines, Manila, 2001

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

- Philippine-American Academy of Science and Engineering (PAASE), 2011–Present
- American Aging Association 2014
- International Society for Stem Cell Research 2008
- The Endocrine Society 2004, 2006 - 2009
- SSR, 2005 - 2009
- American Association for the Advancement of Science (AAAS), 2006 - 2007

CERTIFICATION & LICENSES

Licensure:	2001 – 2005	Chemist (Philippine Board of Chemist)
Animal Certification:	2009 – Present	Mouse work (breeding, experiments, and skin biopsies) Buck Institute for Research and Aging
	2002 – 2007	Mouse work (breeding, experiments, and ovariectomy surgeries), UAMS/ACNC – #1334-02
Radioactive Use:	2006 – 2007	Radioimmunoassay (¹³¹ I)

PROFESSIONAL AND RESEARCH EXPERIENCE

2009 – present	Postdoctoral Fellow, Campisi Laboratory, Buck Institute for Research Aging, Novato, CA.
2007 – 2009	Postdoctoral Fellow, Department of OB/GYN and Reproductive Sciences, University of California, San Francisco, CA.

2001 – 2002

Laboratory Instructor II, Department of Physical Sciences and Mathematics, Univeristy of the Philippines, Manila

TO BE ACCOMPLISHED AS BS AWARDEE :

1. Conduct lecture series on cellular senescence to faculty and students at the Institute of Biology on the following topics:
 - a. Basic Biology of Cellular Senescence;
 - b. Cellular Senescence in Diseases; and
 - c. Biological Tools to Study Cellular Senescence
2. Assists in the screening of herbal extracts with potential effects on cellular senescence that is being studied in the Institute's laboratory; and
3. Assists Dr. Sonia D. Jacinto, Director of the Institute of Biology, in writing a review manuscript involving natural compounds and cellular senesce.