

EXPERT'S PROFILE

Name of Grantee : Ms. Sheila E. Dennis
Area of Expertise : Forensic Biology
Inclusive Date of Contract as BSP Awardee : Short-Term Program
Phase I 03 - 26 November 2015 (23 days)
Phase II 26 Jan – 28 Feb 2016 (33 days)
Phase III 19 March – 22 April 2016 (34 days)
Host Institution : Philippine Genome Centre – UP Diliman
E-mail Address : smedennis@gmail.com



EDUCATIONAL BACKGROUND

- **MS Forensic Science**, 2004, University of New Haven, West Haven, Connecticut
- **BA Physical Anthropology**, 1997, New York University, New York

WORK EXPERIENCES

- 2013 - 2014 **Department of Forensic Biology, New York, U.S.A**
Research, Development, Validation and Implementation Team
Assistant Director
- 2011 - 2013 **Hybrid/Cold Case Group**
Assistant Director
- 2006 - 2011 **DNA Missing Persons Group**
2004 – 2006 **Criminalist III – IV**
- 2002 - 2004 **World Trade Center (WTC) DNA Special Projects Team**
Criminalist III
- 2000 - 2002 **Night Shift Leader, WTC and American Airlines Flight 587 Disaster**
Criminalist II

TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Community Consultations
2. Collection of DNA Samples from indigenous People (IP) group
3. Generate DNA short tandem repeats (STR) profiles and sequences via capillary electrophoresis and massively parallel sequencing
4. Next generation sequencing and megaplex STR data and frequencies added to existing population databases