

EXPERT'S PROFILE

Name of Grantee : **NOEL PETER B. TAN, Ph.D.**
Area of Expertise : **Nanoscience and Nanotechnologies**

Inclusive Date of Contract as BSP Awardee : **Short-Term Program**
12 February – 19 May 2018

Host Institution : **Xavier University**



EDUCATIONAL BACKGROUND

- **Ph.D. in Applied Chemistry**, 2014, The Hong Kong Polytechnic University, Hong Kong
- **MS Chemical Engineering**, 2010, Xiamen University, China
- **BS Business Administration**, 2008, Ritsumeikan Asia Pacific University, Japan
- **BS Chemical Engineering**, 2001, Xavier University, Ateneo de Cagayan, Cagayan de Oro

PROFESSIONAL EXPERIENCE

- 2013-present **Senior Engineer**
Nano & Advance Materials Institute Ltd, Hong Kong
- 2010-2013 **Chemical Technology Teaching Assistant**
The Hong Kong Polytechnic University
- 2011-2012 **Undergraduate Student Mentor**
The Hong Kong Polytechnic University
- 2002-2006 **Production Supervisor**
Del Monte Philippines Inc.
- 2002 **Cadet Engineer**
Fresh Fruits Ingredients, Inc.,

TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Provided expert advice in the project titled “Biopolymer Nanofiber Synthesis from Solution Blow Spinning Method”;
2. Mentored chemical engineering, physics and/or chemistry faculty members in their research work;
3. Assisted/mentored undergraduate chemical engineering students in their research work, specifically on the lab-scale synthesis of nanofibers (e.g. solution spinning, self-assembly, etc.);
4. Prepared a project proposal for DOST fund grant, in collaboration with the faculty of College of Engineering of Xavier University – Ateneo de Cagayan and other institutions;
5. Drafted a graduate curriculum (Master of Science or Professional Science Masters) on Environmental Nanotechnology to be submitted to CHED;
6. Conducted presentations on the Fundamentals of Nanoscience and Nanotechnologies to students, faculty from the Chemical Engineering, Chemistry, Physics, Biology, and other related departments in XU and other universities in the vicinity;
7. Conducted lecture on “Nanotechnology and Applications of Nanomaterials” to the Philippine Institute of Chemical Engineers (PICHE)-CDO with CPD credits.