

RESEARCHER'S BACKGROUND

Name	Dr. Hong Heng See
Academic Position	Senior Lecturer
Faculty	Department of Chemistry, Faculty of Science
Research Interests	1. Electric Field Driven Extraction Across a Polymer Inclusion Membrane 2. Automated "Sample-to-Answer" System Based on Three Dimensional Printed Devices 3. Capillary and Microchip Electrophoresis Techniques
Research Entity	– Centre for Sustainable Nanomaterials (CS Nano), Ibnu Sina Institute for Scientific and Industrial Research (ISI-SIR)
Professional Post (if any)	– American Chemical Association, ACS (2011 - present) – Malaysian Institute of Chemistry, MIC (2011 - present) – Swiss Chemical Society, SCS (2012 – present) – Swiss Young Chemists' Association, SYCA (2012 – present) – Royal Australian Chemical Institute Chartered Member (MRACI CChem) (2014 – Present)

RESEARCH PROFILE

Publication	<ul style="list-style-type: none">• Article: 25• Conference Paper: 2• Review: 1
Citation	410
H-index	10
Intellectual property rights	1. Patent filed - PI 2011 000364 - A micropipette tip and SPMTE for extracting triazine herbicides. Mohd Marsin Sanagi, Hong Heng See, Wan Aini Wan Ibrahim, Ahmedy Abu Naim. 2. Patents – PI2008 4512 - Cone shaped membrane liquid phase microextraction system by Mohd. Marsin Sanagi, H. H. See, Wan Aini Wan Ibrahim, Ahmedy Abu Naim. [Filed 2008, Accepted 2009].

RESEARCH SUPERVISION

Completed	Phd: N/A Msc: N/A Undergraduate:N/A
Current	Phd: 3 Msc: 3

AWARDS & RECOGNITIONS

<ol style="list-style-type: none">1. 24th International Invention, Innovation & Technology Exhibition (ITEX2013), Gold Medal Award, TM4: Mixed Matrix Membrane Microextraction System for Drugs Analysis. Inventors: Prof. Dr. Mohd Marsin Sanagi, Dr. See Hong Heng, Prof. Dr. Salasiah Endud, Prof. Wan Aini Wan Ibrahim, Prof. Dr. Peter C. Hauser, Ms. Sazlinda Kamaruzaman.2. Malaysian Delegation to the 2009 Meeting of Nobel Prize Winners with Young Scientists in Lindau, Germany Dedicated to Chemistry 28th June – 3rd July 2009.3. Gold Medal at the International Trade Fair for Ideas, Innovations, New Products (IENA) 2008, Nuremberg, Germany, 30 October - 02 November 2008. Invention: "CSM-LPME Kit for Rapid Sample

Preparation". Inventors: See Hong Heng, Mohd Marsin Sanagi, Wan Aini Wan Ibrahim, Ahmedy Abu Naim.

4. Gold Medal at the Seoul International Invention Fair 2006 organized by Korea Invention Promotion Association in Seoul, Korea, 7-11 December 2006. Invention: "PLEX: Pressurized Liquid Extraction for the Monitoring of Residue Oil Content and Natural Vitamin E in Palm Pressed Fiber". Inventors: See Hong Heng, Mohd Marsin Sanagi, Wan Aini Wan Ibrahim, Ahmedy Abu Naim.
5. Best Award, Malaysia Technology Expo 2011, Carbon Nanotubes Solid Phase Membrane Tip Extraction for Triazine Herbicides Analysis, Inventors: Prof. Dr. Mohd Marsin Sanagi (Head Researcher), Dr. See Hong Heng, Prof. Wan Aini Wan Ibrahim, Mazidatulakmam Miskam, Dr Ahmedy Abu Naim, Syairah Salleh
6. Malaysia Technology Expo 2011, Gold Medal Award, Carbon Nanotubes Solid Phase Membrane Tip Extraction for Triazine Herbicides Analysis, Inventors: Prof. Dr. Mohd Marsin Sanagi (Head Researcher), Dr. See Hong Heng, Prof. Wan Aini Wan Ibrahim, Mazidatulakmam Miskam, Dr. Ahmedy Abu Naim, Syairah Salleh (Category V)
7. Chancellor's Award and Best Student Award in University of Technology Malaysia (UTM) 44th UTM Convocation 2010
8. National Science Fellowship, Ministry of Science, technology and Innovation (MOSTI), Malaysia. Doctor of Philosophy (Chemistry), 2007-2009 (36 months – RM 95,000.00).
9. National Science Fellowship, Ministry of Science, technology and Innovation (MOSTI), Malaysia. Master of Science (Chemistry), 2003-2005 (24 months – RM 45,000.00).
10. Dean List for all eight semester in B.Sc. (Industrial Chemistry) degree, Universiti Teknologi Malaysia. (June 99/00, December 99/00, June 00/01, December 00/01, June 01/02, December 01/02, June 02/03, December 02/03).

CONTACT

Telephone	075536270
E-Mail	hhsee@ibnusina.utm.my, hhsee@utm.my
Website	http://science.utm.my/hhsee