



PATCHARAPAN SIRIWAT

PhD (Education)

CONTACT

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**PROFESSIONAL
EXPERIENCES**

November 2016 – present

Lecturer at Institute for Innovative Learning, Mahidol University, Thailand

EDUCATION

2010 – 2016 DOCTOR OF PHILOSOPHY (EDUCATION)

School of Environment, Education and Development, University of Manchester, UK

Thesis: A Study of Science Curriculum Implementation in Secondary Schools in Thailand.

**2008 – 2009 MASTER OF SCIENCE (SCIENCE AND TECHNOLOGY POLICY AND
MANAGEMENT)**

School of Social and Political Science, University of Edinburgh, UK

Dissertation: Are Thailand's Centre of Excellence (COE) an Effective Model of
Building University-Industry Links for Innovation?

2004 – 2008 MASTER OF SCIENCE (BIOCHEMISTRY)

Faculty of science, Mahidol University, Thailand

Thesis: Investigation of Tubular Structure Formation: Involvement of Protein
Sk-Hep-1 Hepatocellular Carcinoma Cell Line.

1996 – 2000 BACHELOR OF SCIENCE (ENVIRONMENTAL SCIENCE AND TECHNOLOGY)

Faculty of Environment and Resource Studies, Mahidol University, Thailand

Senior Project: Color Reduction of Treated Wastewater by using Powder Activated
Carbon (PAC).

1991 – 1996 Secondary Education (SCIENCE-COMPUTER)

Satriwitthaya School, Bangkok, Thailand.

RESEARCH**INTERESTS**

- Education Policy Research
 - Science Education
 - Biology Education
 - Non Formal Education
 - Public Engagement of Science
 - Scientific Literacy
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SCHOLARSHIP

2008 - 2015 Higher Education Strategic Scholarship for Frontier Research Network (CHE-PhD-SFR), Commission on Higher Education, Ministry of Education, Thailand.

2005 - 2006 Teaching Assistance (TA) Scholarship, Faculty of Graduate Studies, Mahidol University, Thailand.

ACADEMIC**EXPERIENCES****July 2014**

Oral Presentation at the 21st International Conference on Learning, 2014, July 14-17, New York, USA.

August 2012

Oral Presentation at the Postgraduate Research (PGR) Student Conference "The Impact of Educational Research Methods on the Postgraduate Researcher", 2012, August 2-3, Manchester, UK.

September 2007

Poster Presentation at the 2nd Annual Symposium of the Protein Society of Thailand, 2007, September 20-21, Bangkok, Thailand.

December 2006

Poster Presentation at the 3rd AOHUPO and the 4th Structural Biology and Functional Genomics Conference, 2006, December 4-7, Singapore.

October 2006

Poster Presentation at the First Annual Symposium of the Protein Society of Thailand, 2006, October 24-25, Bangkok, Thailand.

October 2006

Poster Presentation at the 32nd Congress on Science and Technology of Thailand (STT32), 2006, October 10-12, Bangkok, Thailand.

SKILLS &**QUALIFICATIONS**

- Microsoft Office
- Express Scribe (transcribing software)
- Adobe Photoshop Light room (photo processing software)
- Fluent in English (Writing, Speaking, Reading, Listening)