


<b>Name:</b> Pitiporntapin Sasithev		
<b>Title :</b> Associate Professor		
<b>Mail:</b> fedustp@ku.ac.th		
<b>Homepage:</b> <a href="https://web.facebook.com/Clinickruwit/">https://web.facebook.com/Clinickruwit/</a>		
<b>Affiliation</b> Department of Education, Faculty of Education, Kasetsart University 50 Ngam Wong Wan Rd, Ladyaow, Chatuchak, Bangkok 10900, Thailand (+66) 0-2942-8200 # 1823		
<b>Academic Background</b>		
Postdoctoral training	2014-2015 ReSTEM Institute: Reimagining & Researching STEM Education, The University of Missouri, Columbia, USA	
Doctoral degree	2011 Doctor of Philosophy (Science Education) Faculty of Education, Kasetsart University, Thailand	
International Research Internship	2008 – 2009 Department of Curriculum and Pedagogy, University of British Columbia, Canada	
Diploma	2006 Grad. Dip. (Teaching Science Profession) Faculty of Education, Kasetsart University	
Bachelor's degree	2005 B.S. (Biology) with first class honors Faculty of Science, Kasetsart University	
<b>Work Experience</b>		
2011-2018	Assistant Secretary of Faculty of Education Committee Administration	
2011-2018	Director of Edutainment Center, Faculty of Education, Kasetsart University	
<b>Scholarships</b>		
Full scholarships for pursuing B.S. (Biology), Grad.Dip. (Teaching Science Profession), and Ph.D. (Science Education) from the Project for the Production of Science and Mathematics Talented Teachers (PSMT), from the Institute for the Promotion of Teaching Science and Technology (IPST), Thailand, academic year 2001 to 2011		
<b>Research Grants</b>		
1. Fiscal year 2011 research grant from Department of Education, Faculty of Education, Kasetsart University 2. Fiscal year 2012 research grant from the Faculty of Education, Kasetsart University 3. Fiscal year 2013-2014 research grant from the Science Education Special Program, Kasetsart University 4. Fiscal year 2015-2016 research grant from Thailand Research Fund (TRF)		
<b>Academic Services</b>		
Guest speaker about STEM education, External expert for thesis examination, Conference proposal reviewer, Ad-hoc Journal manuscript reviewer		
<b>Awards</b>		
1. “Honourable Mention for Doctoral Dissertation in Social Science”, academic year 2010-11, from National Research Council of Thailand (NRCT) “Excellent Staff in Teaching from 2013 -2018” from Faculty of Education, Kasetsart University		

3. "Best paper certificate 2016" from International Journal of Educational Science and Research (IJESR)
4. "National Outstanding Teacher Award 2017" from Thailand Education Deans Council.
5. "National Science Teacher Award 2017" from The Science Society of Thailand under the Patronage of His Majesty the King.
6. "Excellent Staff in Research and Innovation 2016-2018" from Kasetsart University

#### **Research Article**

1. Pitiporntapin, S. 2013. Thai Pre-Service Science Teachers' Practice of Science Communication in Communities. **Asia-Pacific Forum on Science Learning and Teaching** 14(2): Article1.
2. Fungfuang, W., Pitiporntapin, S., Tongmai, T., and Kovivadhi, U. 2014. Development of Learning Achievement of Bachelor Degree Students in Basic Scientific Research Method Course Using Inquiry Approach. **KKU International Research Journal**. 4(2), 35-46.
3. Pitiporntapin, S. and D. M. Lankford .2015 Using Social Media to Promote Preservice Science Teachers' Practices of Socio-scientific Issue (SSI) - Based Teaching. **Asia-Pacific Forum on Science Learning and Teaching** 16(2): Article 3 (Dec., 2015).
4. Pitiporntapin, S. and Kuhapensang O. 2015. Using Project-based Teaching for Developing Thai Pre-Service Science Teachers' Attitude towards Science. **International Journal of Science Educators and Teachers** 1(1): 10–18.
5. Pitiporntapin, S., A. Thanapad, N. Seomsuk, and D. M. Lankford. .2015Enhancing Pre-Service Science Teachers' Practices According to Socio-scientific Issue (SSI)-Based Teaching through Collaborative Action Research. **Asian Social Science** 11 (28): 77- .83
6. Pitiporntapin, S. and T. D. Sadler. 2015. Pre-service Science Teachers' Perceptions and Practices of Socioscientific Issue-Based Teaching. **Journal of Science and Mathematics Education in Southeast Asia** 38(2): 102-125.
7. Pitiporntapin, S. and P. Janta. 2016. Trends of Theses about Socioscientific Issue (SSI)-Based Teaching in Thailand. **International Journal of Educational Science and Research (IJESR)** (1)6: .12-7
8. Pitiporntapin, S., Yutakom, N. and T. D. Sadler. 2016. Thai Pre-Service Science Teachers' Struggles in Using of Socioscientific Issues (SSIs) in Science Teaching during Practicum. **Asia-Pacific Forum on Science Learning and Teaching** 17(2): Article 7 (Dec., 2016).
9. Pitiporntapin, S. and S. Srisakuna. 2017. Case Studies of the Development of Science Teachers' Practices of Socioscientific Issue (SSI)-Based Teaching through a Professional Development Program. **International Education Studies** 10(1): 56-66.
10. Pitiporntapin, S., Yutakom, N., Sadler, T. D. and Hines L. M. 2018. Enhancing Pre-service Science Teachers' Understanding and Practices of SocioScientific Issues (SSIs)-Based Teaching via an Online Mentoring Program. **Asian Social Science**. 14(5): 1-13.
11. Pitiporntapin, S, Chantara P., Srikoorn, W., Nuangchalerm P. and Hines L. M. 2108. Enhancing Thai In-service Teachers' Perceptions of STEM Education with Tablet-based Professional Development. **Asian Social Science**. 14(10): 13-20.

#### **Review Articles**

1. Pitiporntapin, S., O. Butkatunyoo and H. Areesilp. 2012. Book review: enGauge 21<sup>st</sup> Century Skill: Literacy in the Digital Age. **Kasetsart Educational Review**

27(1): 157-160.

2. Pitiporntapin, S. and S. Sritha. 2012. Creating Clay Animation-Stop Motion for Enhancing Students' Understanding of the Scientific Concepts of Cell Division. **IPST Magazine** 41(180): 52-53.
3. Pitiporntapin, S. and S. M. Topcu. 2016. Teachings based on socioscientific issues in science classrooms: A review study. **KKU International Journal of Humanities and Social Sciences**. 6(1): 119-136.

#### **Proceedings**

1. Pitiporntapin, S. 2013. Scientist in Thai New Graduate Pre-Service Science Teacher' Views. **EASE 2013: The Third International Conference of East-Asian Association for Science Education**, July, 3-7 2013. Hong Kong, China.
2. Pitiporntapin, S. and O. Butkatanyoo 2013. Developing Thai Pre-Service Science Teachers Teaching Competencies for Science Communication by Reflection. **EASE 2013: The Third International Conference of East-Asian Association for Science Education**, July, 3-7 2013. Hong Kong, China.
3. Pitiporntapin, S. and D. M. Lankford. 2015. "How to Use Social Media to Promote Pre-Service Science Teachers Using SocioScientific Issue (SSI) - Based Teaching in Real Science Classroom" **Proceeding in The 3<sup>rd</sup> International Conference for Science Educators and Teachers (ISET 2015)**, July, 17-19 2015, Organized by Faculty of Education, Kasetsart University, Bangkok, Thailand, P.91.
4. Piyasangtong, E. and S. Pitiporntapin. 2015. "Developing Kanaratbunrung Pathumthani (KP) Model to Teach Science Project in Science Classroom of Kanaratbunrung Pathumthani School". **Proceeding in The 3<sup>rd</sup> International Conference for Science Educators and Teachers (ISET 2015)**, July, 17-19 2015, Organized by Faculty of Education, Kasetsart University, Bangkok, Thailand, P138.
5. Fungfuang, W., S. Pitiporntapin, P. Chumnanpuen, N. Srakaew, S. Chotimanukul, and U. Kovitvadh. 2015. "Best Practices for Enhancing Bachelor Science Students' Learning Achievements in Basic Scientific Research Methods through Constructivist-Based Teaching". **Proceeding in The 3<sup>rd</sup> International Conference for Science Educators and Teachers (ISET 2015)**, July, 17-19 2015, Organized by Faculty of Education, Kasetsart University, Bangkok, Thailand, P143.
6. Pitiporntapin, S. and O. Kuhapensang. 2015. "Developing Project-Based Teaching Practices for Increasing Pre-service Science Teachers' Positive Attitudes towards Science Projects". **Proceeding in The 3<sup>rd</sup> International Conference for Science Educators and Teachers (ISET 2015)**, July, 17-19 2015, Organized by Faculty of Education, Kasetsart University, Bangkok, Thailand, P145.
7. Pitiporntapin, S. 2015. Trends of Theses about Socioscientific Issue (SSI)-Based Teaching in Thailand. **Proceeding in 2015 International Conference on Education and Psychology (ICEAP)**, November 4-6 2015, Nagoya, Japan, 239-246.
8. Pitiporntapin, S. and T. Lertcharoenrit. 2016. Development of Pre-service Science Teachers' Understanding and Attitude towards Science Project in Science and Technology Project in School Course by Teaching Management through Service Learning. **Proceeding in New Horizon of Science Education in The 4<sup>th</sup> Industrial Revolution Era**, December, 8-10, 2016, Organized by Science Education Research Center, Seoul National University Center for Education Research, Seoul National University, Korea, P36.
9. Pitiporntapin, S., Yutakom, N., Sadler, T. D. 2017. Case studies of the development of pre-service science teachers' understandings and practices of socio-scientific issues (ssis)- based teaching through an online mentoring program. **Proceeding in**

**Australasian Science Education (ASERA) Conference** at The University of Technology Sydney, Australia, June, 26- July, 2 2017.

**Books**

1. Pitiporntapin, S. 2017. **Science, Technology, and Society to Creative Teaching.** 2<sup>nd</sup> edition, Bangkok: Institute of Academic Development.
2. Pitiporntapin, S. 2015. **Science Teaching in 21<sup>st</sup> Century.** Samut Prakran: Neva Education Co Ltd.
3. Pitiporntapin, S. 2014. **Science and Communication.** Bangkok: April Rain Printing Co., Ltd.