



**BSAC Program, Department of Chemistry, Faculty of Science,  
Chulalongkorn University, Thailand**

*and*

**WPI Bangkok Project Center, Worcester Polytechnic Institute, USA**

Have the Honor of Inviting You

**To the Final Presentations of Project Work for 2023**

February 25, 2023

8:30 – 15:00

Room 308, Mahamakut Building

Faculty of Science, Chulalongkorn University

Phayathai Road, Bangkok 10330

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## Final Presentation Program

8:30 Guest arrival and registration

9:00 Welcome Speech

Professor Voravee Hoven, Head of Department of Chemistry

Greeting Speech

Professor Steven Taylor, Worcester Polytechnic Institute, USA

Opening Speech

Dean of Faculty of Science, Chulalongkorn University

Awarding Ceremony for WPI President Award winner 2022

### Cluster 1: Agriculture & Fishery

9:20 Introduction from the chair

9:25 **ISSP2: Mapping risk pattern of coastal ecosystem in Krabi**

Ratchakitprakarn, Kidakarn; Techadilok, Tanakorn; Buranasaksri, Waritthon; Sae Sae, Oranutporn; Tirasin, Sinjasiree; Sriwaloskul, Nichapat; Panbutr, Chollada

*Sponsor: PDA organization*

9:50 **ISSP3: Improve quality of life by introducing the new way of processing cassava in Nakhon Sawan province**

Chow Takorn; Chulapana Nattanop; Ka Wa Cheng Jidapa; Nitthanate Pakamon; Ploenthamakhun Tanatorn; Srichareonkul Massakorn

*Sponsor: Slig Co Ltd.,*

10:15 **IQPISSP1: Investigating fishing practices in Kui Buri**

Boonrukvanit, Natakrit; Chow, Christopher; Deelert, Sutthavee; Saidoung, Pichaya; Sangsillaparat, Natthawat; Sheemesh, Nathan; Wolfgang, Hannah

*Sponsor: Raks Talae Thai (TSWA)*

10:40 Coffee break

### Cluster 2: Protection and conservation

11:00 Introduction from the chair

11:05 **IQPISSP5: Sustainable Development of a Healthier Community: Collaborating with the Farmers of Kham Koon Center to Encourage Good Agricultural Practices**

Chadanuntakul, Napatsorn; Diaz, Joelis Velez; Islam, Sophia; Mularoni, Sophia; Putpongphaew, Pakkarin; Rosato, Theresa; Siri-u-vithtaya, Yavitha; Srichantamit, Surangkana

*Sponsor: Sustainable Community Development Foundation Khon Kaen, Dr. Tantip Thamrongvarangoon MD*

11:30 **IQPISSP6: Mobilizing Thai Youth in Tackling Environmental Issues**

Deesuwan, Araya; Dolan, Conor; Felkne,r Mae; Hengnopparatkul, Vitsupa; Medeiros, Jailyn Sherman, Elliot; Suneeratanakul, Varissara; Viriyatharangkurn, Kamonchanok

*Sponsor: TEI, TBCSD*

11:55 **ISSP1: Restoring Mrigadayavan Palace: Understanding the Causes of Mold Growth and Providing Guidelines for Minimization and Prevention Methods**

Amornphornpitak, Rattanaphorn; Kitphant, Nattapat; Lertkitpaisarn, Angsana; Pruettijarai, Thanatchaya; Rujikonvisit, Kavinpat; Tramas, Napassarawadee

*Sponsor: The Mrigadayavan Palace Foundation*

12:20 Lunch Break

**Cluster 3: Health and Sanitary**

13:20 Introduction from the chair.

13:25 **IQPISSP4: Supporting the establishment of a national food bank policy**

Anantaratikun, Siraya; Bindal, Muskan; Dullayateeraroj, Thanatis; Ngo, Danny; Polansky, Ryan; Thongkhampan, Tanunya

*Sponsor: Scholar of Sustenance Foundation, Thailand.*

13:50 **IQPISSP3: Awareness and Attitudes Toward HIV Self-Testing at Chulalongkorn University**

DeVoy, Joshua; Holtz, Daniel; Ngaokaew, Bhuchid; Petcherdsak, Natpawin; Phonim dang, Arena; Shanks, Nora; Thampetraruk, Dissarin

*Sponsor: Institute of HIV Research and Innovation (IHRI)*

14:15 **IQPISSP2: Improving Waste Management in Baan Thung Noi**

Dos Santos, Michaela; Gadziala, Matthew; Jakdejchai, Veerapat; Leffler, Cameron; Nonthavanich, Pradchayaporn; Pubanpot, Neeranuch; Punkawong, Supichaya; Yazon, Jia

*Sponsor: Singha-R SA*

14:40 Closing Remarks