

Global PBL on Mathematical Sciences at University of Guam

Implementation period	Implementing country	SIT's implementation partner organization	Target students	participant	SIT instructor
2020/02/23 ~2020/03/02	United States	University of Guam	<ul style="list-style-type: none"> •Department of Mathematical Sciences •Undergraduate 1st grade、Undergraduate 2nd grade、Undergraduate 3rd grade、Undergraduate 4th grade 	(SIT) Students 11, TA 2, Professor 2 (University of Guam) Students 20, Professor 2	aihara akiko(Department of Mathematical Sciences)、shimizu kenichi(Department of Mathematical Sciences)



Image1 Group photo with Dr. 'Alicia

The Global PBL Program was hosted by the department of Mathematical Sciences, Faculty of Systems Engineering and Sciences, and was supported by the University of Guam (UoG), Department of Mathematics and Computer Science, and students from UoG Engineering, Mathematics & Computer Science Club. 11 undergraduate students from the department of mathematical Sciences participated in this program. Dr. Grazyna Badouski of Guam University gave lectures on probability, multivariate analysis, and statistics. Lectures were about two hours in the morning, then moved to a PC room in the afternoon, and they analyze using software called SPSS and do some simulations and analysis using actual data from Guam Island. SIT and UoG students are divided into 4 groups, and they analyzed the actual data obtained on Guam island based on the lectures, and finally they presented the results of groupwork. The SIT-UoG joint workshop was also held in parallel with this gPBL, and the students also attended lectures of this workshop. As activities, students participated in a campus tour of the University of Guam, a dodgeball tournament against a circle and an E-Sports tournament, and learned about the atmosphere of the university. On weekends, hiking and beach barbecues are planned. This was a very good opportunity for students and teachers to interact with each other.



Image2 Groupwork



Image3 Presentation



Image4 Group photo



Image5 Group photo



Image6 Activity-Hiking