

## 報告&lt;SSH米国海外研修&gt;2学年参加者

12月13日(日)~12月18日(金)(4泊6日)の日程で米国カリフォルニア州サンフランシスコ市郊外、及びヨセミテ国立公園での研修生徒8名、教員2名が参加しました。

以下その報告をします。

参加者 池内綾乃(2-4)、見小田恭平(2-5)、伊藤史也、勝野知花、久木原翔、  
近藤周、中村牧人、町田早綾(以上2-7)、近藤信昭、北原司(以上、引率教諭)

We took part in America study trip for six days and four nights from the 13<sup>th</sup> to the 18<sup>th</sup> December 2015. It was the first visit to a foreign country for almost all members. Our study trip was very fulfilling.



On the first day, we went to Yosemite national park. This park is famous for its magnificent topography. But, we could hardly see them due to bad weather. So, we gave up and collected some bottles of water to examine the water quality. That night, we could enjoy our first dinner in America at the hotel that is near the park.

On the second day, it was clear, and the whole place was covered with snow. Wherever we took pictures it looked as if they were beautiful postcards. We met Ms. Kira, a ranger in the park, and she explained about topography of Yosemite and its history to us. Next, we went to meadow, and saw Half Dome, rock. This was very large and powerful. Ms. Kira also explained about giant sequoia. Even though it is 160 years old; it is only a baby tree because giant sequoia lives along time life. So when we see giant sequoia's tree ring, we can know when a forest fire broke out or about conditions of environment in the park. Next, we went to the museum which showed us about the lifestyle of Awaniti tribe, the indigenous people in the park. They often made jewelry from pine cones, or baskets with tiny weaving. At last, we went to the Tunnel View where we can see the whole park. There we could view Half Dome, El Capitan, a huge wall of rock, and Bridal veil fall, which splashes as if it is a wedding dress. These were very beautiful.





On the third day, we went back from Yosemite and went to Stanford University, which is the greatest University in west America. We interviewed about the image of Japanese people or life in America. At first, people generally refused to answer our interview so we nearly gave up. But we found a man who answers our questions. We were impressed to talk in English. We could

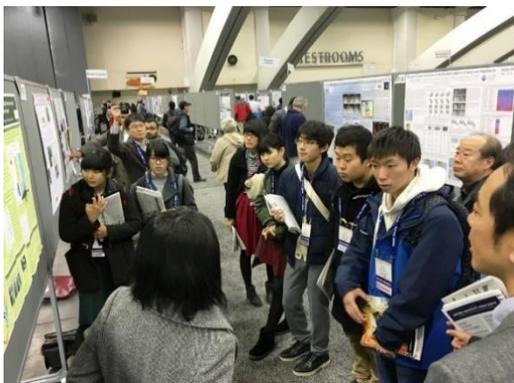
interview many people. We will make a presentation about it in the science forum in March.

Also, we went to the NASA visitor center. We could look inside a space ship and learn about the result of study in space. We watched a movie about the origin of space. It was hard to understand because it was in English but we felt magnificence of the universe.



We left NASA visitor center and took the bus to Intel Museum. Intel is a large container of silicon chips used for computers. They had a large ingot of silicon, which weighs about 120 kg. Two of our members tried “Bunny Suits” on. Those who work at factories wear this suit in order not to let dusts or

bacteria stick to chips.



On the fourth day, we first visited AGU, American Geophysical Union. At first we met professor Yokoyama from the University of Tokyo. He introduced us to the research of Ms. Sato, a student from University of Tokyo Graduate School. Then we walked around the poster section on our own and asked questions. We learned about in various kinds of fields there.

At last, we went to a big museum called the Academy of Science. By this time



we were used to listening to English words a little and a guide man spoke to us in plain English. So, we could understand almost all of his explanation. In the planetarium, we watched the video about an ecosystem and the cycle of water. It was a lifelike and powerful image. In the exhibition room of rain forest, there were many butterflies and birds in the room. We could see them near to us. And, there were an aquarium underground. We could see many exhibitions about the sea around the world. And we could see a white crocodile.

That night, we went to an Italian restaurant in downtown San Francisco and ate meat sauce pasta, chicken and cheesecake. It was hard for us to finish off them because it was a huge meal and we were stuffed! But we enjoyed taking last into the night on this trip. When we ate miso soup with an in-flight meal in return airplane, which taste made us shed tears. It was hard for us to take heavy and hearty meals in America. So, Japanese food looks more attractive for us after this trip.

Through this study trip, we had many experiences. We have seen many things that we had not ever seen just in our country, Japan. We would like to do good all over the world, making full use of this experience, and thinking over a variety of things from a global perspective.

#### <生徒感想>

- 雪のヨセミテハーフドームの雄大な岩壁に圧倒されました。事前学習の写真とは比べ物にならない壮大さと迫力がありました。ミラーレイクからみたハーフドーム、本当に美しかった。
- スタンフォード大学構内でのインタビューは緊張しましたが、会話ができたときは本当に嬉しかった。自分の英語に少しでも自信を持ちました。海外で学びたい気持ち、英語へのモチベーションが上がりました。
- AGUの規模の大きさにびっくり。2000もの研究ポスターがズラーと並んでいて、興味のある研究を選び、研究者に質問しました。やはり専門的な内容は分からないところもあり、もっと勉強したいと思いました。
- アカデミーオブサイエンスでは普段見られないバックヤードに入れて感動しました。説明していただいた Brendon 氏の英語がとても聞き取りやすく感じました。
- 一緒にいたみんなの質問や行動にハッとさせられることが多かった。みんなで「頑張れた」という達成感が得られました。