

(For JSPS Fellow)

Form B-5

Date (日付)

28/11/2011 (Date/Month/Year: 日/月/年)

Activity Report -Science Dialogue Program-

(サイエンス・ダイアログ事業 実施報告書)

- Fellow's name (講師氏名): Jason Lee Wei Ming (ID No. P11108)

- Participating school (学校名): 福井県立高志高等学校

- Date (実施日時): 26/11/2011 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Public Health and Health Economics

(in Japanese)

- Lecture summary (講演概要): Please summary your lecture 200-500 words.

My lecture covered the following 5 sections:

- 1) About me
- 2) About Singapore
- 3) About Public Health
- 4) About Health Economics
- 5) About Research as a Career

I introduced myself, focusing on my education path toward a career in research, how I came to be a researcher in Public Health studies, and why I decided to choose Japan to do my PhD. I also talked briefly about my experience as a soldier in Singapore's National Service system.

I then introduced my country, starting with the basic demographics of Singapore: we have a mixture of ethnicities and religions in Singapore, and we are used to hearing a wide variety of languages all around us, which is quite different from the typical Japanese experience. I covered the history and government of the country very briefly, and talked about the research industry. .

The sections on public health and health economics were focused on introducing my field of study. In public health, I covered the definition and work of public health, with some examples of classic public health projects. I emphasized that to do well in public health, we have to understand the science of disease prevention, but we also have to understand the culture of a society: solutions to problems that might work in one country might not work in Japan, or even

solutions might have different efficacy between different parts of Japan. The section on health economics was to try to teach the students of the challenges we face to provide healthcare – namely the proper use of limited resources. As we do not have unlimited money or manpower like doctors, we have to understand the cost-effectiveness of healthcare, and try to make the right decisions in order to provide good and affordable healthcare. I also introduced my research of calculating costs for hospita-acquired infections.

In the final section, I discussed the life of a researcher, and the things that we do for our work, including publishing papers in journals and collaborating with governments to improve healthcare. I also discussed some of the challenges of research life, such as non-research related obligations and the intense competition globally.

I finished with a brief introduction of the list of skills which are needed for success as a researcher, and encouraged the students to experience studying overseas.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 60 min (分), Q&A time (質疑応答時間) 30 min (分)

◆Lecture style (ex.: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、実験・実習の有無など))

Powerpoint Slides

◆Interpretation (ex.: assistance by accompanied person, provided Japanese explanation by yourself) (通訳 (例: 同行者によるサポート、講師本人による日本語説明))

Mostly interpretation by accompanied person, although I also spoke in Japanese sometimes.

◆Name and title of accompanied person (同行者 職・氏名)

大坪徹也 助教

◆Other note worthy information (その他特筆すべき事項):

- Impressions and opinions from accompanied person (同行者の方から、本事業に対する意見・感想等がありましたら、お願いいたします。):

Dr, Otsubo felt that it seemed slightly difficult for the students to clearly imagine the type of work and research that we do, and I agree with his assessment. As we deal with public health and health economics, the subject matter is quite difficult, and not what most students at 15 years of age consider.