

(For JSPS Fellow)

Form B-5

Date (日付)

18/02/14 (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): Alexis Gilbert (ID No. P)
- Participating school (学校名): Okazaki High School
- Date (実施日時): 07/02/14 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Stable isotopes analysis: an invaluable tool in several scientific fields
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

I basically divided my lecture into 3 parts. The first one was dedicated to present my personal background: my life in France and why I came to Japan. I especially emphasized on the differences between my home country and Japan. During that part, I also talked about the expectations I had before coming to Japan and what was above and below these expectations after my arrival.

The second part was about the researcher job: what a researcher does, how to become a researcher, what are the qualities required. I especially tried to show that learning english was important in order to become a researcher, but that it can be learnt very easily if one lives abroad for a while.

In the last part, I talked about my own research related to the use of stable isotopes as tracers in forensics, food authentication and geology. Isotopes are atoms that have the same number of protons but a different number of neutrons. The difference in mass can lead to a preferential use of either the lighter or the heavier isotope during natural processes (evaporation, chemical and biological reactions...). I selected examples of broad interest to show what kind of applications could be done using stable isotopes.

- Language used (使用言語) English

- Lecture format (講演形式):

◆Lecture time (講演時間) 70 min (分), Q&A time (質疑応答時間) 50 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))

Used powerpoint presentation with projector

◆ 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))

None

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

None

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

None

- 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。):