

(For JSPS Fellow)

Form B-5

Date (日付)

01/02/2018 (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): Charlotte Rivas (ID No. P16109)

- Participating school (学校名): Yashiro Highschool, Chikuma City, Nagano

- Date (実施日時): 31/01/2018 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): Medical Imaging: How We Can Use Light to See Inside the Human Body

- Name and title of your company (同行者 職・氏名)

Prof. Yasuteru Urano

- Lecture format (講演形式):

◆Lecture time (講演時間) 70 min (分), Q&A time (質疑応答時間) 20 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 presentation, projector used, example of fluorescent compounds shown

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

I gave an introduction to myself and why I decided to come to Japan to carry out research. I then discussed some basics of medical imaging, light and colour, and fluorescence. I then showed how we can use fluorescence to detect cancers in living tissue and how surgeons can apply this in the effective removal of tumours during surgery.

- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):

Use as many clear and informative pictures as possible for the students. Videos and animations help a lot when trying to convey a complex concept. Having Prof. Urano to explain these concepts in Japanese was also super helpful and I think overall really allowed the students to gain more from my lecture.

- Other noteworthy information (その他特筆すべき事項):

- Impressions and opinions from a company (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。)

Must be typed