

(For JSPS Fellow)

Form B-5

Date (日付)

13/07/2015 (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 Oluwasesan Adegoke (ID No. P 14354))

- Participating school (学校名): TSURU high School in Yamanashi prefecture

- Date (実施日時): 10/07/2015 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Nanocrystal Quantum Dots in Chemical and Biosensor Design

(in Japanese)

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

A brief introduction about my country with reference to the economy, politics, culture and the society was presented. A brief overview of my career path as a researcher and my motivation to be a scientist was presented. An introduction to my research with reference to the use of semiconductor nanocrystal quantum dots (QDs) in chemical and biosensor design was presented. QDs have garnered considerable research interest in different facets of science and technology due to their unique properties. Their synthetic fabrication and surface modification are prerequisites to constructing effective sensors for analyte detection.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 90 min (分), Q&A time (質疑応答時間) 15 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 with a 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))

Assistance from an accompanying person \_\_\_\_\_

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

Hirofumi Uchiyama \_\_\_\_\_

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

\_\_\_\_\_

Must be typed

- 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。):