

(For JSPS Fellow)

Form B-5

Date (日付)

7/10/2013 (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): Karl Wu (ID No. P 12311)

- Participating school (学校名): 筑波大学附属駒場中学

- Date (実施日時): 28/09/2013 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) The Idea of Scientific Studies

(in Japanese) _____

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

The idea of scientific studies can not stand alone without referring to the idea of dialogue. The lecture starts with a short historical review of the emergence of modern concept of science dating back to the Enlightenment to the debate over scientific methods (induction and deduction for example) in the past 200 years. It is argued that modern conception of scientific research is multi-dimentional and inclusive in taking all phenomena and happenings around us as scientifically researchable. It is one of the main principles that define contemporary human minds. On this basis students are encouraged to develop their own interests in any fileds in science including physics, physiology, chemistry, or even social sciences and humanities as the idea of truth-seeking and some major methods are common to most branches in science. After introducing the idea of scientific studies the lecture moves on to an introduction of the speaker's own research project supported by the JSPS. Referring to the fresh Nobel Laureate Dr. Yamanaka Shinya's example (who was once a JSPS post-doctoral researcher) in addition to the speaker's research project, the lecture is intended to encourgae the students to explore their passion in science and pursue scientific research as an option for future career.

- 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) 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 used.

Must be typed

- ◆ 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))

The teacher of the host high school helped with interpretation.

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

- ◆ 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。):