

(For JSPS Fellow)

Form B-5

Date (日付) 26/10/2015

(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): Kaunitz Lisandro Nicolas (ID No. P 15048)

- Participating school (学校名): Ichikawa high school

- Date (実施日時): 5/OCT/2016 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) The quest for consciousness

(in Japanese)

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

One of the most fundamental challenges in neuroscience is the search for the neural correlates of consciousness. Why do we have conscious sensations during our everyday life, as opposed to our lack of sensations when we are under deep sleep or anesthesia? The scientific study of consciousness aims to answer these questions using the scientific method, as opposed to using philosophical arguments. In my presentation, I will describe some of the tools that neuroscientists employ to investigate the questions mentioned above. Our understanding of the brain has improved dramatically in the last 30 years, and we have started to gain insights into the relationship between the brain activity and the emergence of our conscious "minds". To date, however, a lot of enigmas about consciousness remain. In this talk, I will describe what we have learned, what we are trying to understand and what is still unknown in the field of the scientific study of consciousness

- 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) 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))

Use projector and conducted interactive demonstrations with the students using video and visual illusions

◆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))

I was assisted by an accompanying person who provided some of the explanations in Japanese

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

Miss Mana Fujiwara

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

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- 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。):

Mana was extremely helpful and very good at communicating science to the students. She even answered questions to the students at the end of the talk .  
Mana and I have shared the lab in Melbourne, Australia, first and now at the university of Tokyo, so she knows well my field of research