

(For JSPS Fellow)

Form B-5

Date (日付)

2017/09/27 (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): Bold Uyanga (ID No. P16330)- Participating school (学校名): Funabashi High School- Date (実施日時): 2017/09/15 (Date/Month/Year: 日/月/年)- Lecture title (講演題目): (in English) The early Earth  
(in Japanese) \_\_\_\_\_

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

Main focus of the lecture was on the history of the Earth, especially the foundation of its being. Because I study a time period before animals arose, I wanted to concentrate on the reasoning behind our existence or what is hypothesized to be the cause. Before going into the science part, I introduced myself on why I chose a major in science and talked about where I am from. The abstract of the lecture is followed. We live on an exciting planet, the Earth, with flowing water, growing plants, and constantly changing environment among our own kind. However, the most important factor of existence of our life is formation of the planet itself. The Earth has been evolving since 4.567 billion years ago and in its history, it faced repeated catastrophes of extinction of life as well as extreme climatic changes. One of the most popular of all is related to the so-called "Snowball Earth", global glacial periods. It is believed that at least twice, the Earth was completely covered by ice between ~720 and ~630 million years. Both the initiation and ending mechanisms are highly debated, but, diversification of animals was followed soon after these events and it is suggested that global glaciations could have been the trigger. Therefore, geologic evidences to describe evolution of our planet up until macro-organisms were diversified are considered as of utmost interest.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 40 min (分), Q&A time (質疑応答時間) 10 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 projector and a separate speaker to play a movie

◆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))

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

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

It was nice that a JSPS representative came along to my lecture. Otherwise, it might have been bit troublesome. Her name was Chika Minowa.

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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。):