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## 工学系学生国際交流基金報告書

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所属専攻・研究室・学年：国際開発工学専攻・日野出研究室・修士1年	
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受入教員名： Prof. Mark Benjamin	
派遣期間：平成 27 年 9 月 15 日 ~ 平成 27 年 12 月 15 日	
申請カテゴリー： <input type="checkbox"/> (C1)SERP <input type="checkbox"/> (C2)AOTULE <input checked="" type="checkbox"/> (C3-a)部局間協定校 <input type="checkbox"/> (C3-b)全学協定校 <input type="checkbox"/> (C4)その他	
研究（プロジェクト）題目：  物理化学的な水処理に扱われている材料 (HAOPs) に関する研究	

- ・ 帰国後1か月以内に工学系国際連携室宛（ko.intl@jim.titech.ac.jp）にMS Wordファイルにて提出ください。
- ・ SERPで派遣された場合は、受入教員の評価書も添付して下さい。
- ・ この表紙を含まず、ページ数は2～4ページ、ファイルサイズは3MB以内として下さい。
- ・ 研究室や宿舍内の様子の写真、図表、イラスト、滞在中のその他の写真などは挿入可です。ただし、それらを掲載する際には簡単な説明を加えて下さい。
- ・ 提出された報告書の2ページ目以降を工学系のホームページに掲載いたします。また、別途、クロニクルへの執筆をお願いすることがあります。

### 報告書必須記載事項

- ・ 派遣大学の概要（所在地、創立、大学の規模など）
- ・ 所属研究室での研究概要とその経過や成果、課題など
- ・ 所属研究室内外の活動・体験（日常生活・余暇に行った事など）
- ・ 留学先での住居（寮、ホームステイ等）、申し込み方法、ルームメイトなど
- ・ 今回の留学から得られたもの、後輩へのメッセージ、感想、意見、要望

**東京工業大学大学院理工学研究科  
工学系学生国際交流基金報告書**

**派遣年** : 平成27年  
**氏名** : Warsono Harish Reza Septiano  
**所属専攻** : 国際開発工学専攻  
**派遣先** : ワシントン大学大学

(次ページ以降に記入してください。)

## Host University

I went to the University of Washington, which located in Washington State, near the downtown of the rain city, Seattle. This university, whose local nick name is U-Dub or UW, is one of the oldest universities in west cost of the USA, and well known for its distinguished medical school in the world. Among the top 20 universities in the world, UW is also famous for its foster business school, law school and engineering.

## Preparation before the Departure

Before applying to the program, I decided what you want to do in this study, and seek for supervisors whose research matches your interest. Take time in the searching and don't expect that they would accept you easily.

Then, I applied for this TiROP program & Scholarship which provided by the Engineering Faculty (Read carefully about the condition! I faced a pretty confusing situation because of my status as a foreign citizen). I had a problem in the procedure from the host university because something happened with the system there in Washington state immigration and I had to wait for 2 months before I could receive the documents. Luckily, I still made it to apply the Visa on time.

Then I started to seek for accommodation and real information about the destination but unfortunately I could not find it before my departure. I recommend you to ask someone who actually live there, because sometimes the information on the internet is not really helpful and ask their help to look for it.

## Academic Activities

There, I was involved in a project to develop a material called HAOPs (Heated Aluminum Oxide Particle) for water treatment. I learn a lot about the system they used there and how they characterize the efficiency and the ability of the treatment. And my jobs there were to evaluate the treatment characteristic and also to do the regeneration of the used material.

Beside the research, I, too, had a chance to sit in in some classes regarding to the water treatment, technology, as well as joining their special seminar, lectures and study visit to the water treatment plant. There, I involved in a group work and I feel the class is really hard because the pace is very fast due to the quarter system which TokyoTech will also use from the next semester

## Other Activities

I went to some parties for the Halloween, Thanksgiving, and some student activities in the new fall semester. It was fun to interact with American culture and adapt to it. I also watched some Husky (The name for UW sport team) games of Basketball, Baseball and American Football. Of course, I visited, too, most of the tourism sites surrounding Seattle including Portland in Oregon State which I joined the Black Friday "war".

## Monthly Cost

The most expensive part of the cost was the accommodation. At least I have to spend about \$700 a month (It is the cheapest one I could find. The dormitory in campus cost at least \$900). For the dining, since the food portion is so big, with 1 menu (Average \$10) you can eat there, take it home and eat again later on. I can take average \$12 per day, so I spend about \$360 a month. And for other things such as the leisure, transportation, let's say that I spend about \$150 a month. (I think I spend much more than that though). So in total, I spend about (minimum) \$1200 a month excluding the Visa, Sevis, Insurance administration fee and soon that you have to pay as the condition to join the program.

## Impression and Advice

I think my paradigm about how to live my student life became broader since I went to UW. I met so many distinguish seniors and colleagues there to motivate me more, not only in academic things but also in daily life. The balance between work and life is so important there in America (My Lab mates were all so hate to stay in the lab after 6). They study hard and play hard as well. I don't know when they have time to read books, see movies and many more but they did it all. I should learn to manage my time better from now on because I think it will be the happier way to be through.

I give many thanks to TokyoTech for letting me join this program because it may become one of the important experiences in my life and really recommended other TokyoTech Students to join this kind of program. I think it is a very important thing to see another side of the world to have a more robust way of thinking that it is not only you and what you know exist in this world. And being amid people from different culture, will absolutely give you a better understanding of yourself and your culture.