

大阪大学臨床医工学融合研究教育センター(MEI)センター
グローバルCOE「医・工・情報学の融合による予測医学基盤創成」
—*in silico medicine* を指向したオープンプラットフォームの構築—

グローバルCOEプログラム

■若手研究者短期留学・滞在■

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Shinkarinmaru Project 2011

Japan-US Collaborative Education Program for young Global Innovative Leaders

Introduction

With the aim to foster young global innovative leaders for future global society via developing Japan-US collaboration, Karinmaru project was created by Osaka University San Francisco Center collaborating with Osaka University in Osaka, Japan. Students from many faculties were joined the program and giving the opportunities to expand their horizon and to see the world through collaboration and challenge with multi-cultural people toward building better community. This year topic focus on how students could use collaboration in contributing to help the recovery of Great East Japan earthquake.

Visit University of California at Berkeley : Date : October 27th

Research laboratory visit

We have the opportunity to visit professor Riley and his laboratory whose research



focusing on

- Pathogenesis of mycobacterial and enteric pathogens
- Molecular epidemiology of tuberculosis and drug-resistant gram-negative bacterial infections
- Field epidemiology and international health, focused on slum health with case study in India and Brazil

One of interesting point of his research is the novel approach of antibiotic resistant bacteria vaccination which could provide the better solution for ongoing battle with drug resistant bacterial.

Campus visit

With the amnesty of University of California and the great student guide, we have opportunity to learn more about University of California at Berkeley. We could clearly see how the history and values of the University play important part to shape character of the student. In my personal experience as the foreign student, explanation of not just the academic aspect of University but its society and culture, either in campus tour or orientation will be greatly help for prospective student and new entr ee students in both decisions making and settling in.

Special lectures seminar

In the afternoon, special lecture was held at Center of Japanese Study at UC Berkeley. Topics of the lectures are as following.

- Lecture one "Proposals for the future in Fukushima Prefecture" presented by Hideaki Takabe, who is a professor of Laser Engineering, Osaka University.
- Lecture two "Protest and Survive : Declaration of Independence from Nuclear Power in Fukushima Prefecture" presented by Yasuo Goto, who is a professor at Fukushima University.
- Lecture three "Fighting against Radiation: The Emergence of New Social Movement in Fukushima for the Protection of Children" presented by Nobuyo Goto, who is a professor at Fukushima Medical University.

Silicon Valley visit. Date October 28th

Both students and staffs had the opportunity to visit the following personal and company and discuss what is the possibility and opportunity of entrepreneurship and international opportunity specially for Japanese. Summary of visit are as following
Visit Dr. Hideo Kanashima :

How to overcome culture differences and what might be needed for Japanese to change and complete in the global stage were deeply discussed and entrepreneur attitude

PARC: An innovative company :

Introduction to the company and discussion of how parc company use its existing technology know how to help solve its clients` problem. Plus the opportunities for Japanese student for working there were discussed.

Plug and play tech. center: Incubator for idea to real world business

Plug and play are one of silicon valley Incubator center which aims to accelerate the successful development of entrepreneurial companies through an array of business support resources and services, developed and orchestrated by incubator management and offered both in the incubator and through its network of contacts

Group discussion and Lecture from the mentors

Date : October 29th – 31th

Both Students from Osaka University and participants from the United State were discussed on how we could help contributing to recovery of the disaster of Tohoku region.

The following mentors also gave us the valuable speech regarding several subjects :

- Prof. Richards More, Professor at Lawrence National Berkeley Laboratories
- Dr. Hayato Urabe, Innovation Core SEI, Inc.
- Mr. Scott McNeil, President, De Novo Group
- Mr. Vikram Kashyap, Entrepreneur(Former CEO, Canopy Financial)
entrepreneurship : risk , obstacles and reward
- Prof. Seung-Wuk Lee, Professor at University of California Berkeley flexibility to success in academic world

Group discussion

The discussion first started with activity called world café which is the great way for everyone to get acquaintance and opened up to each other. Especially since it is the first time we met the other members of the group from America. In my opinion, it is smooth transition state for Japanese students since, in my impression, sometime it is



uncomfortable for Japanese to engage deep conversation with strangers.

As for my group, we presented our individual idea for Tohoku region recovery. After received the feedback and comments from both mentors and American members, the overall theme are decided and improved.

Idea presentations

After the long night further discussion and finalize the presentation, each group presents their proposed their ideas regarding the disasters and recovery topic. The following are the topic proposed by each group

Group 1 : Communications system for better communication between the needed area and volunteer organization.

Group 2 : Saigai Café : root up project for raising awareness and gaining supports from community for disaster related topics.

Group 3 : Disaster Awareness for foreigner and Universal sign for disaster related

Group 4 : Canter Information hubs : preventing the over flooded and misleading information for general public regarding the disaster

Acknowledgement

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