

This is an English version of my essay originally written in Japanese translated by Google Translate. Hope you enjoy!

A story about studying abroad at the Royal University of the Arts Graduate School of Design

"Kakehashi" editorial department asked for a contribution on the experience of studying in the UK. Now that I am in my third year in England, I think that I am a good opportunity to look back on what I have done so far. In my case I am in the relatively rare academic field of design research, so I will write briefly about the background of design research in the UK rather than describing the general institutional comparison between the UK and other countries. In the design research, there are a lot of researchers who originally majored in design at the university of art, but at the same time researchers have brought various themes from other fields, and interdisciplinary research is actively carried out. I myself majored in aerospace engineering, not originally design, and it was around the 4th undergraduate when I began to engage in design and art. Research at the university (hospital) and creative activities outside the campus were all exciting and learned much, but finally there was a question that was inadequate to explore. The question inevitably crosses the various fields because it was formed through each past activity, and we had to think where we could handle such research. As a place where you can fully explore your interests it is finally related to a place called Royal College of Art (Royal College of Art, hereinafter abbreviated as RCA), and it has a relationship with the place.

We have omitted trivial stories such as the application process and visa procedures on my blog, so we omit it here. I think that it is beneficial to allow people who are interested in studying abroad to have a lot of information in advance by virtue of information sources like this magazine now. I myself had a very hard time collecting information. In the fields of relatively mature science and engineering, medicine, economics, etc., there are different fields of specialization for each research institution in the world, and information on such geography is useful for people who wish to study abroad. Relatively young design studies already have similar geographical features, but we do not want to reanalyze this in this paper and I want to leave it to criticism researchers who are good at it. What makes me feel more interested in design research is that by researching questions that have not necessarily been dealt with in the design through practice of design, new contributions in a form that can not be achieved with a scientific or humanistic approach Where is born. In that sense studying abroad at a graduate school where design research was relatively mature was meaningful to me.

Awareness and opportunity for studying abroad

I can recognize the significance of study abroad now, but I am not asking anything about studying abroad. For the first time when I was in junior high school, I went to language training in the southern part of England for a long time and it began to be conscious of my (long-term) study abroad at a corner of my head for the first time when I was "very good". In a place a little closer to the time, there are influences of colleagues who were in the laboratory belonging to the Japanese university (hospital) era. They are not bound by a typical research in the field of aerospace engineering that they belonged to, they go to developing countries to study monozukuri, to conduct research on interaction from the aspect of art, the country and the field He was active. I thought that the way of research to explore the interest that can be reached only by themselves with the advanced and unique ability that the person himself possesses is frankly cool and I wanted to be that way. Due to these influences, it was also great that the master's degree got out a little more, and the opportunity to create with artists, designers, musicians was also great. "Research" and their way of understanding (how to reason) for them are quite different from those of science researchers and are attractive. It is very large to learn from their behavior who is competing in a place different from the position seeking scientific rigidity and it is noticed that only scientific knowledge does not support the quality of knowledge. I felt that such a thing is necessary for my research and a place to understand it is necessary. There was a field of science and engineering approaching domestic aesthetics and sensitivity, but it seemed that the reductionist approach that I was trying to deviate was dominant. Conversely, research that incorporates element of science and engineering in design system is increasing, but I could not understand whether there was a place where research guidance at the doctoral level and the culture could be expected. After all, thanks to studying abroad, there is no surprise (?) As to what will become advantageous in the future career afterwards, there are things that I feel still unexplored and there are places that it is possible to dare to abandon , And it was enough motivation for myself (just as simple as it is) to go to that path and to have his power seemed to make more use of his power.

Design Ph.D.

Now I can understand how the area of design research was important for nurturing my research buds. However, at the time of preparing for study abroad, I did not think anything about design research, and I did not know honestly the design study in the first place. There was a theme that I wanted to research for what I was still idle at hand, and I thought that the field of design seemed to be the most compatible in order to do it satisfactorily. Thanks to the rise of people who are referred to as design engineers and the re-fashion of media art, the

boundary between engineering systems and the design and art world has been falling as a background as well. After all, I filed a lot of applications such as engineering, computer art, technology based interdisciplinary system, architectural system, including design, searching for a new research site from the world, and a lot of it fell. I got a few offers and finally came to RCA's design department. The affiliated IDE Research department has a moderately mature climate for both design and engineering. While having some knowledge on science and technology based on design culture, it does not fall into techno utopia like thought. People with skills and mind set based on that are doing research in their own way rather than merely to integrate design and engineering. I am a type that is easy to receive the influence of the environment better or worse, so it was ideal that students of the top class in the design and art sectors are around. In such an environment, I was able to gradually learn and learn new languages, methods of exploration and motives that were not found in engineering systems.

There are two options for doctoral research at RCA: a paper type and a practical type. The former is a study mainly on literature surveys in humanities, with a maximum of 800,000 papers required as deliverables. In the latter, he submitted his own practical research and a maximum of 40,000 articles. Recently, the practical type is majority, each practical group (artifacts and projects) embodies new knowledge and arguments written in the thesis and supplements essential and nonverbal parts for design and art. There is also the idea that practical outcomes themselves are knowledge. I am also engaged in practical doctoral research, and perform various creative works and experiments, sometimes cooperating with engineers such as mechanical models and animation. At the same time, literature surveys in related fields are indispensable for improving the academic potential of practice. In my case I am exploring research and theories that are tied to my own practice from fields such as aesthetics, psychology and physical cognitive science. The direction of such research is largely helped by advice from the supervisor. Two ID instructors are assigned to each doctor student from the beginning of IDE Research. I am a professor who is a pioneer and educator of IDE practice and a professor who holds a doctorate in art and computer science field and specializes in design theory. Five weeks, we will have a research interview every six weeks, and a detailed exchange will take place during that period. Research guidance is always exciting and meaningful, but still there is still confusion about unexpected suggestions. In most cases, however, such puzzles often produce productive results unexpectedly. Unlike general universities and science and engineering universities, laboratories are separated for each research theme, there are professors among them, unlike the form that there are assistant professors and students under them, faculty members and students are arranged in Ruth The point may be unique, and as a result it may be easier for budding research to be born. Spontaneous and creative research sometimes follows a nonlinear course. Not only the final findings but also the overall process of such practices and the changes of researchers

themselves are also an interesting aspect of design research is also considered to be an important element of research.

For example, those who are in the field of technology now but who ((quantitative) experimental evaluation is uncomfortable with the dominant culture, people who feel uncomfortable in not only logic but also people who feel interesting in the process of getting ideas from sensitivity, academic For those who are interested in significance, design research may derive new ways of thinking. Regardless of the area studied, I think that the experience of studying abroad itself is very effective in nurturing skills and attitudes that allow us to cross the country and the field easily. Of course, its realization is another story, in my case I would like to thank again once again for borrowing this place without my family, friends, teachers, and Nakajima Memorial International Exchange Foundation.

In case

Points to remember

nothing special

Other information

A work born in a doctoral research with the theme of application of artifact movement behavior to aesthetics and design is being exhibited at Nifrel's exhibition "Exhibition Exhibiting Living Things with Art" at the Osaka Expo Memorial Park . In cooperation with Mr. Hiroyoshi Komatsu of the artist, sculpture group "Pwants" imitating plants that move with the power of foam coexists in saltwater fish and aquarium. Exhibits are not only achievements but also research methods. Temporary return from London last summer successfully overlapped and the first exhibition in the local Kansai was realized. The exhibition till March 4th this year. I would like to visit by all means.