

## **【Section 1】**

### **NTU principle investigator**

Name (last name, first name) **Yeh, Su-Ling**  
Position **Lifetime Distinguished Professor**  
Faculty/Department **Department of Psychology**

### **KU principle investigator**

Name (last name, first name) **Saiki, Jun**  
Position **Professor**  
Faculty/Department **Graduate School of Human and Environmental Studies**

### **Type(s) of funding applied**

- ☐ Funding Type 1 (General Funding) only
- ☐ Funding Type 2 (ECR Funding) only
- ☒ Both Funding Type 1 (General Funding) and Type 2 (ECR Funding)

## **【Section 2】**

### **Project title**

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**NTU-KU workshop on cultural differences in cognitive processes**

### **Period of project**

**From** dd/mm/yy **to** **From** 14/08/2023 **To** 15/08/2023  
dd/mm/yy

### **Summary of the project (approx. 100 words)**

We had a 2-day intensive workshop at NTU. NTU participants were Prof. Su-Ling Yeh (PI), Chia-Chun Tsai (visual search). KU participants were Prof. Jun Saiki (PI), Prof. Yoshiyuki Ueda (co-PI), Post-doc Daisuke Hamada. The workshop was composed of a theme session and a discussion session. Participants were divided into teams in the theme session to write papers or plan new experimental studies. In the discussion session, all members were together to share the progress of each project, exchange comments, and conduct brainstorming for the future development of the whole project.

### **Photographs with captions**

\*Please submit digital files (such as JPEG or GIF files) of the photographs used in your report as attachments. The size of each image should be at least 4MB, so that it can be used for printed materials. Please ensure that none of the photographs submitted will cause any

issues relating to portrait rights.

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**Fig. 1. Visual Search Team.** NTU team members Ms. Tsai and Prof. Yeh, Kyoto University team members Prof. Saiki, and Prof. Ueda (from left to right) had a meeting on a visual search project. They took a photo in the yard between the South and North Buildings of the Department of Psychology at NTU after meeting.



**Fig. 2. Hebbian repetition learning Team.** Prof. Yeh, Prof. Ueda, and Prof. Huang had a meeting on the Hebbian repetition learning project.



**Fig. 3. Synesthesia Team.** Prof. Yeh, Prof. Saiki, Dr. Hamada, and students at NTU had a meeting on the Synesthesia project.



**Fig. 4. Meditation Team.** Prof. Yeh, Prof. Saiki, Prof. Ueda, and students at NTU had a meeting on the Meditation project.



**Fig. 5. Members from NTU and KU.** Project members at both NTU and KU took a photo together to commemorate the event.

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### **URL at which project outcomes can be viewed (Optional)**

\*E.g. workshop notifications/programs/reports, evidence of academic papers published or otherwise made available, etc.

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*URL:*

Visual Search: 2024 VSS poster <https://www.visionssciences.org/presentation/?id=818>

Synesthesia: 2024 VSS poster <https://www.visionssciences.org/presentation/?id=1431>

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## **【Section 3】**

### **Visiting ECR\***

Name (last name, first name)	<b>Tsai, Chia-Chun</b>
Position	<b>Research Assistant</b>
Faculty/Department	<b>Department of Psychology</b>
Period of Stay	<b>From 02/10/2023 To 12/10/2023</b>
(From dd/mm/yy to dd/mm/yy)	

### **Host researcher\***

Name (last name, first name)	<b>Saiki, Jun</b>
Position	<b>Professor</b>
Faculty/Department	<b>Graduate School of Human and Environmental Studies</b>

\*Please complete if the host researcher is different from the KU principal investigator.

### **Achievements and outcomes of ECR stay (approx. 100–250 words)**

During Chia-Chun's stay at Kyoto University, Professor Saiki generously provided a seat in the student office, allowing Chia-Chun to connect with members of his lab and delve into their inspiring research endeavors. This arrangement allowed Chia-Chun to familiarize herself with his lab members and gain insights into their innovative studies. Collaborating closely with Professor Ueda, Professor Saiki, and Professor Saiki's PhD student, Xu, Chia-Chun actively contributed to advancing research on language-primed visual search. Their collaborative efforts focused on establishing the experimental setting for cooperative research in this domain. Additionally, Chia-Chun meticulously analyzed existing data on the Navon task primed visual search and engaged in extensive online discussions with Professor Ueda, Professor Saiki, and Professor Yeh. The insights from these discussions will be presented at the prestigious 2024 Vision Sciences Society (VSS) conference, marking a significant milestone in disseminating their findings to the academic community. Simultaneously, preparations are underway to refine these discussions into a comprehensive manuscript for submission to a distinguished academic journal, ensuring the broader dissemination of their research outcomes and contributing to the scholarly discourse in the field.

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None

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