

## **The Cognitive Restoration Lab**

### Dr. Yi-Che Chiu's Cognitive Restorative Lab Overview

Purpose: the purpose of this lab is to explore the relationship between cognitive function and challenging behaviors of persons with cognitive impairment. In addition, we try to develop intervention models for persons with cognitive impairment and their family caregivers.

The target populations include healthy older adults, persons with subjective cognitive decline, mild cognitive impairment, Alzheimer's disease, Parkinson's disease, head trauma etc and their families. In addition to identify behavioral markers of cognitive impairment and decline, we also developed leisure activities to stimulate cognitive function of persons with cognitive impairment and theoretical-based dementia family caregiver case management programs to improve quality of life for both persons with cognitive impairment and family caregivers.

Our research focuses on the wandering behaviors of persons with cognitive impairment, community programs of leisure activities incorporated with cognitive stimulation, sleep disturbance of persons with cognitive impairment and their family caregivers and so on.

Finally, our lab provides out-reach activities for students who are interested in interacting with older adults who may or may not suffer from subjective cognitive decline.

For further information regarding our research and volunteering opportunities, please contact Dr. Yi-Chen Chiu, [yulandac@gap.cgu.edu.tw](mailto:yulandac@gap.cgu.edu.tw)