

YOU-PING YANG

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Research Interests

Neural Coding of Sensation and Perception, Learning and Memory, and Decision-Making,
in vivo Electrophysiology and Systems Neuroscience

Education

Degree	PhD in Psychological and Brain Science	Sep. 2015 – Present
University	Johns Hopkins University	
	Advisor: Dr. Veit Stuphorn, PhD	
	First Year Project: Token Assets Effect on Monkey's Decision Making involving Risky Gains and Losses	
Degree	Master of Science in Biological Psychology	Sep. 2007 – Jun. 2011
University	National Taiwan University, NTU	Taipei, Taiwan
GPA	4.0	
	Thesis Advisor: Prof. Keng-Chen Liang, PhD	
	Thesis Title: c-Fos Expression in Rat's Brain Following Acquisition and Expression of Recent or Remote Memory in an Inhibitory Avoidance Task	
Degree	Bachelor of Arts in Psychology	Sep. 2003 – Jun. 2007
University	National Taiwan University, NTU	Taipei, Taiwan
GPA	3.84 (overall; major: 4.0)	
	Certification in Neurobiology and Cognitive Science Program	

Research/Work Experience

Job Title	Research Assistant	Aug.2012 – July 2015
Supervisor	Yu-Cheng Pei, MD, PhD	
Employer	Department of Physical Medicine and Rehabilitation Chang Gung Memorial Hospital	Taipei, Taiwan
	In the lab studying somatosensory perception, my projects include: (1) Human psychophysical experiments to study how the multi-digit tactile information is integrated to yield a holistic tactile perception. (2) Behavioral training in nonhuman primates (macaque monkey) (3) Single-unit recording in monkey's somatosensory cortex (area 3b/1) involving two-digit motion direction processing under anesthesia. (4) Establish a system with synchronized cuff electrode stimulation in peripheral facial nerves and high-speed camera recording of whisking movement to assess the functional recovery of whisker movement in a rat model of hemi-facial transplantation.	
Job Title	Research Assistant	Aug.2011 – Jul.2012
Supervisor	Ruey-Ming Liao, PhD Department of Psychology	
Employer	National Chengchi University, NCCU	Taipei, Taiwan

My research in this lab focused on the neurobiology of addiction and the function of dopamine in the central nervous system (especially habenula). The way of approach is doing pharmacological and electrical manipulations in rats running tasks like Differential Reinforcement of Low Rate (DRL), Conditioned Place Preference(CPP), and Probability Discounting.

TA Experience

Class	Neuroscience of Decision-Making Johns Hopkins University	Spring 2017
Class	Psychology in the Workplace Johns Hopkins University	Fall 2016
Class	Sleep, Dreams, and Altered States of Consciousness Johns Hopkins University	Spring 2016
Class	Laboratory of Human Physiology National ChengChi University	Fall 2012
Class	Mind and Brain National Taiwan University	Spring 2011
Class	General Psychology National Taiwan University	Fall 2008 through Spring 2010

Honors and Awards

Excellent Teaching Assistant	Fall 2010
Outstanding Teaching Assistant	Spring 2010
Outstanding Teaching Assistant	Fall 2009
Center for Teaching and Learning Development, National Taiwan University	

Fellowships and Scholarships

2015-2018	Government Scholarship for Overseas Study Ministry of Education, Taiwan	Cognitive Neuroscience
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Talk/Poster Presentation

- 2019 **Primate insular cortex represents contextual information that modulates risk-attitude**
You-Ping Yang, XinJian Li, Veit Stuphorn. Society for Neuroscience: Nanosymposium.
- 2018 **Primate insular cortex represents contextual information that modulates risk-attitude**
You-Ping Yang, XinJian Li, Veit Stuphorn. Society for Neuroscience: Poster.
- 2017 **Neural Mechanism underlying multi-attribute decision making in primates.**
You-Ping Yang, Veit Stuphorn. Society for Neuroscience: Poster.
- 2017 **Token asset effect on monkey's decision making involving risky gains and losses.**
You-Ping Yang, XinJian Li, Veit Stuphorn. Society for Neuroeconomics: Poster.
- 2016 **Token asset effect on monkey's decision making involving risky gains and losses.**
You-Ping Yang, XinJian Li, Veit Stuphorn. Society for Neuroeconomics: Poster.
- 2014 **Proprioceptive input of hand conformation is a constraint of multi-digit motion processing.**
You-Ping Yang, Ting-Yu Chang, Hsin-Yi Lai, Yu-Cheng Pei. Society for Neuroscience: Poster.
- 2012 **Region Specific c-Fos Expression in Formation and Expression of In-hibitory Avoidance Memory.** You-Ping Yang and K.C. Liang. Society for Neuroscience: Poster.
- 2009 **Regional Specific c-Fos Expression Following Acquisition and Retention of Recent or Remote Memory in an Inhibitory Avoidance Task.**
You-Ping Yang and K.C. Liang. Taiwan Psychology Association: Poster.

Research Skills

Programming Languages	MATLAB, LaTeX
Software	SPSS, Statistica, ImageJ