Faculty

Molecule to Cognition Unit

Bong-Kiun Kaang
(SNU)
Molecular Biology of Learning & Memory

Graham L. Collingridge
(U. of Bristol)
Neurobiology of Synaptic Plasticity

Min Zhuo
(U. of Toronto)
Neurobiology of Pain and Emotion

Sang Jeong Kim
(SNU)
Neurophysiology of Learning and Memory

System & Behavioral Neuroscience Unit

Sang-Hun Lee
(SNU)
Visual Neuroscience and Brain Imaging

Randolph Blake
(Vanderbilt Univ.)
Cognitive Neuroscience of Visual Perception

Inah Lee
(U. of Iowa)
Behavioral Neurophysiology of Memory

Marcus Kaiser
(Newcastle Univ.)
Computational Neuroscience and Neuroinformatics

Clinical Neuroscience & Computational Neuroscience Unit

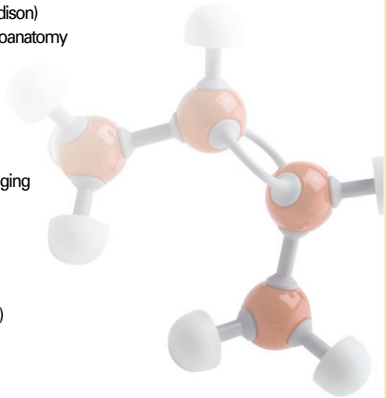
Jun Soo Kwon
(SNU)
Clinical Neuroscience of Psychiatric Disorders

Moo K. Chung
(U. of Wisconsin-Madison)
Computational Neuroanatomy

Jae Sung Lee
(SNU)
Functional and Molecular Neuroimaging

Adjunct Faculty

H. Sebastian Seung (MIT)
Seong-Gi Kim (Pittsburgh Univ.)
Kei Cho (U. of Bristol)



Maps and Directions

Subway & Buses
Subway Line No. 2 (Green Line), Seoul National University Entrance Station (Exit No. 3)
After exiting exit no.3, walk towards the Gwanak-gu Office. There you will find the school shuttle bus and also a regular bus that comes to SNU. The campus shuttles are free of charge. The operation and interval of the buses differ during vacation time and semesters, but is usually in the range of every 5 to 20 minutes.
Buses number 5511 and 5513 circulate the campus counter-clockwise, from the main entrance towards the Administration Building.

Campus Shuttles
SNU subway station ↔ Gwanak Campus
The shuttle bus stop at SNU subway station line #2 is located about 100m from exit #3. This bus will take you to the Administration Building (Building 60) at Gwanak Campus. In order to return to the subway station exit #2, board the shuttle bus at the same spot you got off (bus stop 4-1, on the right side of the two).

How to get to the building 25-1 from the Administration Building (campus shuttle destination)
http://www.useoul.edu/images/map/main.html

Visit www.useoul.edu for details.

Contact

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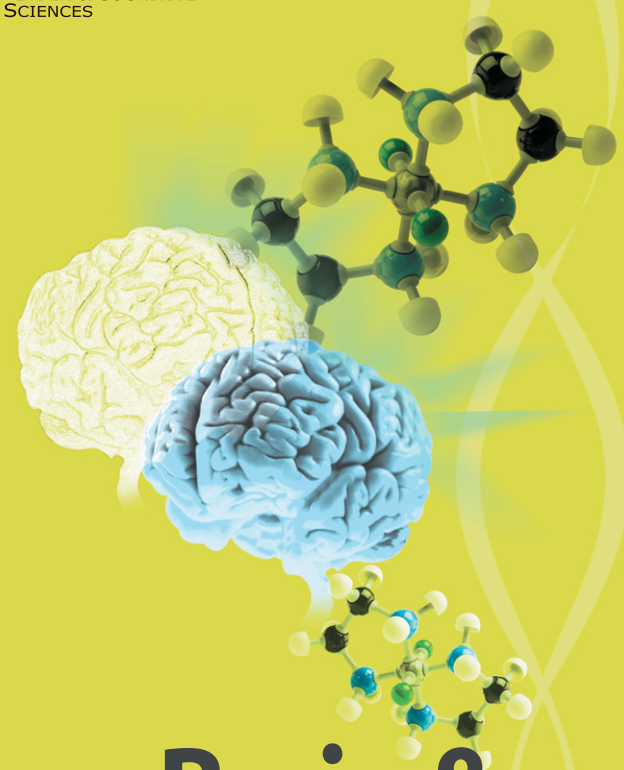
BRAIN & COGNITIVE SCIENCES

BRAIN & COGNITIVE SCIENCES

http://bcs.snu.ac.kr/



Brain & Cognitive Sciences

"Linking Brain and Mind", Inaugural Symposium
(May 15th, 2009)

May 15th 2009 _Date
10:30~18:00 _Time
International Conference Room, Bldg. 25-1, _Location
Gwanak Campus, SNU

About BCS / Admissions 2009

About BCS

As a national initiative (World Class University Project) for promoting excellent cognitive neuroscience research in Korea, the government has recently funded the Department of Brain & Cognitive Sciences (BCS, the College of Natural Sciences) nearly 20-million dollar support for 5 years. The BCS offers an interdisciplinary program for cognitive neuroscience research leading to the doctoral degree. World-renowned international faculty in the BCS provide unique opportunities for studying the neural underpinnings of key cognitive functions from multiple levels such as molecular biological, physiological, behavioral, computational, and clinical approaches. For the first time in the nation, the BCS has created a truly interdisciplinary environment in a single department for students and researchers to investigate cognition using state-of-the-art techniques including two-photon microscopy, chronic recording of neuronal ensembles in freely moving animals, in vitro slice physiology, neuroimaging with a BCS-owned fMRI scanner, and transcranial magnetic stimulation, to name a few. Students will be trained by world standards in the BCS with English as its official language. The BCS will be housed in newly created and renovated buildings (approximately 1,000m^2) on the main campus at Seoul National University and wants to invite all talented students worldwide to this exciting opportunity.

Admissions 2009

BCS is now recruiting MA- and PhD-program students for fall 2009. For more information, visit http://bcs.snu.ac.kr/wiki/Applying_to_BCS.

Program

Session	Time	Remarks
Welcoming Speeches	10:30-noon	Congratulatory speeches
Introduction of Department of Brain and Cognitive Sciences		Sang-Hun Lee Acting chair of BCS
Lunch from Noon to 1:15pm at Bldg. 75-1 (5th fl.)		
Overview of the symposium	1:15-1:20pm	Inah Lee System and Behavioral Neuroscience Unit at BCS
Session 1 : Cognition & Perception - How does the brain "see" the world?	1:20-1:35pm	Finding cortical traces of visual mind Sang-Hun Lee, System and Behavioral Neuroscience Unit at BCS
	1:35-1:50pm	Visual Alchemy: Transforming visual confusion into perceptual harmony Randolph Blake, System and Behavioral Neuroscience Unit at BCS
	1:50-2:05pm	Wiring the brain ? linking network changes to behavioral deficits Marcus Kaiser, System and Behavioral Neuroscience Unit at BCS
	2:05-2:20pm	TBA Seong-Gi Kim, Adjunt Faculty of BCS, Pittsburgh Univ.
Coffee Break from 2:20 to 2:40pm (20 min.)		
Session 2 : Learning & Memory - How does the brain learn to remember?	2:40-2:55pm	Deciphering learning and memory mechanism Bong-Kiun Kaang, Molecule to Cognition Unit at BCS
	2:55-3:10pm	Molecules of the mind ? the synaptic basis of learning and memory Graham Collingridge, Molecule to Cognition Unit at BCS
	3:10-3:25pm	You Are Your Memory - Neural Bases of Episodic Memory Inah Lee, System and Behavioral Neuroscience Unit at BCS
	3:25-3:40pm	Anterior cingulate cortex in pain and emotion Min Zhuo, Molecule to Cognition Unit at BCS
	3:40-3:55pm	From molecule to memory in the cerebellar neural circuit Sang Jeong Kim, Molecule to Cognition Unit at BCS
	3:55-4:10pm	Synaptic Plasticity: Pathways towards and away from Synaptic Dysfunction Kei Cho, Adjunt Faculty of BCS, U. of Bristol
Coffee Break from 4:10 to 4:40pm (30 min.)		
Session 3 : Clinical Neuroscience & Neuroimaging - How do we "see" the brain in action and when it goes awry?	4:40-4:55pm	Toward the Integrated Brain PET and MR Imaging Jae Sung Lee, Clinical Neuroscience and Computational Neuroscience Unit at BCS
	4:55-5:10pm	Clinical implication of multimodal neuroimaging Jungsu S. Oh, Speaking on behalf of Jun Soo Kwon (Clinical Neuroscience and Computational Neuroscience Unit)
	5:10-5:25pm	Unified computational framework for integrating functional and structural network of brain Moo K. Chung, Clinical Neuroscience and Computational Neuroscience Unit at BCS
Closing speech	5:25-5:40pm	Sebastian Seung Adjunt Faculty of BCS, MIT