

# Sunwoo Kwon

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## EDUCATION

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- University of Rochester** – Rochester, NY, U.S.A. Degree expected June 2020  
Brain & Cognitive Sciences, Ph.D.
- University of California, San Diego** – La Jolla, CA, U.S.A. July 2015  
Biology, M.S.
- University of California, San Diego** – La Jolla, CA, U.S.A. September 2012  
Cell Biology & Biochemistry, B.S.

## RESEARCH & WORK EXPERIENCE

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- Brain and Cognitive Sciences, University of Rochester** – PhD Graduate student August 2015 – Present
- Currently working with Dr. Jude Mitchell in Brain and Cognitive Sciences using marmosets
  - Conducting experiments in psychophysics and neurophysiology
  - Working on behavior and neuronal recordings of marmosets using motion stimuli
- University of California, San Diego (UCSD)** – Lab TA/Instructor Jan 2015 – March 2015
- Instructed respective students about experimental techniques used in molecular biology and biochemistry, such as gel electrophoresis, chromatography purification, western blot, southern blot, and ELISA, for 3 months in a lab and be responsible for 20+ undergraduate students.
  - Responsible of the lab course with professor's support and supervision.
  - Supervised each student's lab work and critique comprehensive lab reports for each lab assignments.
- Vision Center Laboratory, Center for the Neurobiology of Vision, Salk Institute** – M.S. Student Sept 2012 – July 2015
- Worked with Dr. Thomas Albright and Dr. Sergei Gepshtein with focus in vision science using psychophysical methods to understand the center-surround interactions in the visual system.
  - Worked with Dr. Albright, Dr. Gepshtein, and Dr. Saveliev for publication on the concept behind inhibition-stabilized networks using psychophysical methods.
  - Attended and presented his poster with the latest research findings at the Vision Science Society Conference in May, 2014.
- Pesticide Chemistry and Toxicology Lab, CALS, Seoul National University** – Researcher December 2011
- Attended workshop/research regarding the usage and analysis through HPLC, LC-MS/MS, and GC in the area of mass spectrometry under the Professor & Vice Dean of Student Affairs of CALS, Jung Han Kim.
- Cardiovascular Stem Cell Laboratory, Seoul National University Hospital** – Researcher Jun 2010 – Sept 2010
- Worked full time intern / student researcher at the Cardiovascular Stem Cell Research Laboratory, the Division of Cardiology, Department of Internal Medicine, Seoul National University Hospital under the Assistant Professor Jin Hur.
  - Participated in the Peripheral Blood Mononuclear Blood Cells & Stem Cell Growth Research Project regarding hPBMC.
- Pesticide Chemistry and Toxicology Lab, CALS, Seoul National University** – Researcher May 2009 – Dec 2009
- Worked full time intern / research associate & assistant at the College of Agriculture and Life Sciences, Seoul National University, under the Professor & Vice Dean of Student Affairs of CALS, Jung Han Kim.
  - Participated in the field research, symposiums, international conferences, workshops, and provided research support to current Master Degree Students and Ph. D researchers.
  - Provided assistance and directed the program coordination for Food Risk & Assessment Education sponsored by KFDA.
  - Interpreted and translated research papers and research presentations to English.

**Asia Society Korea Center, Lotte Hotel** –Research & Program Associate – Seoul, Korea

May 2008 – Dec 2008

- Leveraged communications with various foreign embassies, ministries, and corporations in Seoul and ASKC.
- Expanded memberships of ASKC, a non-governmental organization worldwide, to 900 members in Korea.
- Engaged and in charge of program coordination and organization of various events in cooperation with other organizations.

**Underwood Laboratory of Entomology, CSULB** – Student Researcher – Long Beach, CA

Jun 2005 – Jun 2007

- Engaged in personal research of biotic & abiotic factors on the influence of behavior of argentine ants under the Associate Professor Dessie L. Underwood at the Entomology and Ecology Lab, Biological Sciences, California State University, Long Beach.
- Continued to participate in field research & workshops offered by CSULB and Professor Underwood.