

# JUN-HYUN HWANG

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## WORK EXPERIENCE

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### **Anatomy Lab Assistant III, Curricular Support**

(July 2014- Present)

UC Davis Veterinary Medical Teaching Hospital – Davis, California

- Maintained and stocked laboratory inventory in VMTH anatomy department using Google spread sheet.
- Collected and prepared various animal prosections for teaching lab.
- Designed and created laboratory layout templates using Photoshop.
- Worked with various chemicals in making proper working solutions through MSDS.
- Worked with faculties and vet technicians to prepare, and setup labs for teaching and examinations.
- Researched and purchased lab equipment and chemicals for improving specimen storage and maintenance.
- Followed Standard Operating Procedures for working with various chemicals and lab procedures.

### **Animal Care Technician**

(Aug 2013 – July 2014)

Jackson Laboratory - Sacramento, California

- Maintained colonies of various strains of laboratory mice in 7 stage maximum level barrier rooms.
- Identified and kept records of diseases, blemishes, and mutations in various strains of mice.
- Followed strict Standard Operating Procedures for the bio-security of the rooms and mice maintenance.
- Experienced in working in a pathogen-free environment with immunodeficient mice using aseptic techniques.
- Maintained equipment and prepared chemicals for sanitizing laboratory equipment and barrier rooms.
- Quality checked individual mice, and packed them from inventories to be shipped out to research laboratories.

### **Veterinary Technician, Assistant**

(Nov 2011 – Sept 2012)

Richmond Veterinary Hospital - Richmond, California

- Conducted clinical lab tests, ALK, BUN, and Pre-Anesthetic.
- Administered antibiotic shots to canines and felines and developed X-ray films in-house.
- Assisted the veterinarians during surgical procedures and routine checkups.
- Administered medications and prepared immediate prescriptions.
- Managed inventory data and restocked chemicals and medical supplies.
- Kept and managed client records using Vetpac, a web-based client management software.
- Assisted the receptionists and the technicians in clerical duties and customer services.

## RESEARCH EXPERIENCE

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### **Undergraduate Researcher/ Assistant**

(Mar 2011 – Mar 2012)

UC Davis Larson Lab - Davis, California

- Participated in research on Chromophores at a research team of 8 people.
- Assisted graduate students experiment in procedures including Pump-Probe Spectroscopy experiments.
- Experienced in using high-end laboratory equipment such as Ultrafast Lasers and MATLAB program.
- Experienced in attuning Non-collinear Optical Parametric Amplifier (NOPA) for pump-dump probe experiments.
- Conducted global analysis of the team's collected data.
- Graphically illustrated experimented proteins (Phytochromes, etc.,) on VMD (computer software).

## EDUCATION

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### **University of California at Davis**

(Fall 2009 – June 2013)

- Bachelor of Science in Animal Science, Laboratory Animals Emphasis (June 2013)

## ACTIVITIES

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### **President, UCD Table Tennis Club**

(Sept 2010- June 2012)

University of California at Davis

- Served as travel coordinator, coach, and administrator.
- Scheduled weekly practice times, recruited members.

- Coordinated tournaments and other inter-campus events.
- Promoted table tennis in a local middle school, doing demonstrations in PE classes.

**Officer, Koinonia, Christian Fellowship**

*(June 2012- Present)*

University of California at Davis

- Actively participated in organizing on-campus events and social gatherings, including New Student Welcome night, with attendance of 700+ new incoming UC Davis freshmen and junior transfers.
- Actively participated in hosting Project Angel Tree, Valentines Day of Compassion at the Salvation Army Shelter, Convalescent Home visits and Freshmen Dorm Moo-ve in Day.