

Education

Royal College of Surgeons in Ireland, Dublin, Ireland	2016-present
Branksome Hall Asia, Jeju, South Korea	2013-2016
Institut Le Rosey, Rolle, Switzerland	2009-2012

Research

- Student Selected Component Research at Rush University, Chicago 2019
Loco-regional therapy of hepatocellular carcinoma on TCF-4 isoforms and tumor biology
Completed 6 weeks in Rush University, Chicago under Dr. Costica Aloman.
Performed immunohistochemistry, experienced lab environment, and attended journal clubs and grand rounds.
- Extended Essay 2015
An evaluation of the Diversity-Stability theory and its validity in small aquatic systems: *What is the relationship between diversity of species and stability of population, as measured by dissolved oxygen level, light absorption and daphnia count, of aquatic system?*
- Chemistry Internal Assessment 2015
Investigating the impact of different sources of antioxidants on the rate of the iodine clock reaction
- Biology Internal Assessment 2015
Investigation to find the relationship between regional rate of thyroid disease cancer and the regional seaweed products in South Korea

Previous Experience

- Seoul National University Biomedical Informatics at Seoul National University College of Medicine 2018
(June 18 –July 19)
Under Dr. Ju Han Kim MD, PhD, participated in lab, especially learning uses of Python programming in medicine.
- Integrated Research Center for Genome Polymorphism at Catholic University Medical College 2017
(June 12-July 21)
Under Dr. Yeun-Jun Chung MD, PhD, participated in lab, especially in relations to development of humanized mice for personalized tumor treatment. Observed and received training in several lab skills (NGS data generation for cancer panel analysis using Ion S5, TaqMan genotyping etc.)

Job Shadowing

- Joo Hyun O, MD, Clinical Assistant Professor at Department of Nuclear Medicine 2014
Observed the work done at the Nuclear Medicine division, observed procedures of radiotherapy, helped organize data for official research of the professor, and created an English guide for foreign patients.
- Seon Yang Park, MD, PhD at Hematology-Oncology Division 2004-2015
Once a year observed daily routine of the professor, observed procedures of chemotherapy, and assisted professor at international conferences

Activities

- Medical Assistant for Short Film, Seoul, South Korea 2019
Have worked as assistant and first aid assistant in short film production by LovotLab in Korea. This involved helping with first aid management, if any injuries occurred.
- Seoul Children's Hospital, Seoul, South Korea 2018
Have worked with supporting children at this government-run establishment. Tasks included supporting art therapy in autistic children, assisting at wards etc.
- Ilsan Cancer Resting Center 2008-2014
Helped create a garden for cancer patients to relax
- Seoul St. Mary's Hospital
Made pamphlets about radiotherapy in English for foreign patients, helped organize data for a research, organized information for patients about hospital events
- PossAbilities
Initiated group to raise awareness of disabilities in Jeju
- Red Cross Youth
Volunteered to help raise funds to support local elderly home in Jeju, did beach clean ups, helped spread awareness of STD on AIDS Day.
- Youth Environmental Society
Editor in chief of initiated group to raise environmental awareness
- Seoul National University Hospital's "Kkeumtle" Program
Volunteered to work with young patients to relieve their stress through activities