

Gahee (Olivia) Oh, MD

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EDUCATION

Harvard T.H. Chan School of Public Health	Boston, MA
Master of Public Health, Quantitative Methods	Expected May 2019
Coursework topics: biostatistics, epidemiology, linear/logistic regression, survival/longitudinal analysis, decision analysis, causal inference, clinical trials, pharmacoepidemiology	
Yonsei University School of Medicine	Seoul, South Korea
Doctor of Medicine	2015
KAIST (Korea Advanced Institute of Science and Technology)	Daejeon, South Korea
Bachelor of Science, Chemical and Biomolecular Engineering	2011
Honor: Magna Cum Laude	

RESEARCH EXPERIENCE

Student researcher , Practicum Project	Boston, MA
Harvard T.H. Chan School of Public Health	Nov 2018 – Present
Advisor: Dae Hyun Kim, MD, MPH, ScD	
<ul style="list-style-type: none">▪ Examined the long-term effect of multicomponent frailty intervention for socioeconomically vulnerable older adults▪ Manipulated sub-cohort intervention study data within a prospective cohort comprise of four waves and 1477 participants with quarterly and yearly measurements, validated, prepared data using SAS▪ Executed and analyzed longitudinal cohort study data including multiple imputations by chained equations and propensity matching using STATA▪ Completed CITI Program courses including Good Clinical Practice, Basic Human Subjects Training, and Research and HIPPA Privacy Protections	
Student researcher , Department of Preventive Medicine	Seoul, South Korea
Yonsei University School of Medicine	2014
Advisor: Eun Cheol Park, MD, PhD	
<ul style="list-style-type: none">▪ Conducted logistic regression analysis with the Korea National Health and Nutrition Examination Survey (KNHANES) data using SAS▪ Examine the factors associated with the irregularity of menstruation	
Intern , Expanded Programme on Immunization	Manila, Philippines
Western Pacific Regional Office, World Health Organization	Dec 2013 – Feb 2014
Supervisor: Youngmee Jee, MD, PhD	
<ul style="list-style-type: none">▪ Evaluated measles progress reports of 14 member states based on the guidelines on verification of measles elimination. Supported each member state in revising their progress report to contain the necessary information for the verification▪ Wrote a report on surveillance and vaccination programs of Japanese Encephalitis in Cambodia by conducting a literature review, analyzing descriptive statistics, summarizing the achievements of the vaccination program▪ Delivered three presentations to interns and WHO staffs on the history of public health, the healthcare systems of Canada and Japan, and the work of the Expanded Program on Immunization	

Student Researcher, Undergraduate research
Integrative NanoBioMEMS Laboratory, KAIST
Advisor: Tae Seok Seo, PhD

Daejeon, South Korea
Fall 2010

- Conducted experiments, analyzed the data with a Ph.D. candidate and an undergraduate researcher
- Peer-reviewed journal article cited by 369 in March 2019

Research Assistant, Graduate School of Innovation and Technology Management
College of Business, KAIST
Supervisor: Mikyung Kim, MD, JD

Daejeon, South Korea
Fall 2009

- Interviewed 12 researchers with supervisor and wrote an initial report on the biomedical research environment in South Korea
- Edited three comprehensive video clips on the research environment and 12 individual video clips of each biomedical researcher

Research intern, Seoul National University Biomedical Informatics Lab
College of Medicine, Seoul National University
Advisor: Ju Han Kim, MD, PhD

Seoul, South Korea
Summer 2008

- Analyzed the microarray data of 100 patients with leukemia and applied to protein-protein interaction data by R to find genes related to the prognosis for leukemia

PROFESSIONAL EXPERIENCE

Hospitalist, Department of neurosurgery and orthopedic surgery
International Naeun Hospital

Anyang, South Korea
Dec 2015 – Jul 2016, Feb – May 2018

108-bed hospital with neurosurgery, orthopedic surgery, PM&R, anesthesiology, IM inpatients

- Worked as the sole physician managing post-operative inpatients during the night shift
- Managed patients having post-surgical hypertension, hypotension, delirium, headache
- Transferred patients suspected stroke or cardiac arrest to the ER for further medical attention
- No serious event without proper management occurred during the period

Physician, Community Outreach Health Screening Service
Hyochang Hospital

Gwangju, South Korea
Dec 2017 – Feb 2018

- Provided health screening services to rural communities in Jeolla and Gyeongsang province
- The program is part of the Lifetime Periodic Health Screening Program of the Korean National Health Insurance Service

Physician, Emergency Medical Center, International St. Mary's Hospital
Catholic Kwandong University

Incheon, South Korea
Feb 2017 – Jun 2017

University hospital in Seo District, Incheon. 613 beds, including 27 Emergency department beds

- Assessed and managed patients ranging from infants to seniors, interpreted lab and imaging results, and discharged patients without critical issues independently
- Supervised and guided third-year medical students on history taking, physical examinations, and writing patient notes

General Practitioner, Department of Dermatology
BE Plastic Surgery & Dermatology Clinic

Anyang, South Korea
Mar 2015 – Sep 2015

- Conducted cosmetic consultations and laser treatments
- Installed an improved patient education system and developed an informed consent form, resulting in reduced patient misinformation

US CLINICAL TRAINING

Externship: Internal Medicine Swedish Covenant Hospital	Chicago, IL May – Jun 2018
Externship: Family Medicine Jackson Park Hospital	Chicago, IL Aug 2017 – Sep 2017
Observership: Infectious Disease, Internal Medicine Tampa General Hospital, University of South Florida	Tampa, FL Oct 2016
Observership: Pediatrics Tampa General Hospital, University of South Florida	Tampa, FL Sep 2016
Externship: Psychiatry Jackson Park Hospital	Chicago, IL Aug 2016

PUBLICATION & PRESENTATION

Peer-Reviewed Journal Article: Liu, F., Chung, S., **Oh, G.**, & Seo, T. S. (2012). Three-dimensional graphene oxide nanostructure for fast and efficient water-soluble dye removal. ACS Applied Materials & Interfaces, 4(2), 922-927, PMID: 22206476

Poster Presentation: **Oh, G.**, Cho, S. B., & Kim, J. H. (2008). An integrative approach for finding functionally related genes: Using protein-protein interaction and microarray data, Seoul National University Department of Biomedical Science Student Research Symposium, Seoul, South Korea

AWARDS & SCHOLARSHIP

JW Lee Global Yong Frontier Grant, Korea Foundation for International Healthcare, South Korea 2014
\$2,500 grant for an internship at the World Health Organization from a Korean government-funded foundation

National Academic Excellence Scholarship, Ministry of Education, South Korea 2007 – 2011
Full scholarship for undergraduate studies. Awarded annually to students with the highest academic performance in science and engineering in South Korea

Leadership & Volunteering

Vice President & Treasurer, Chejung Student Dormitory Council, Yonsei University 2013 – 2015

- Audited dormitory finances, acted as a liaison between students and the university administration
- Worked as a mediator during conflicts within students or staffs
- Organized dormitory social events: student orientation, homecoming, and open dormitory day
- Worked as a student representative of the New Dormitory Construction Committee, resulting in a new dormitory with the design reflecting the students' opinion

Founding Member & Vice President, Mavericks (student dance club), Yonsei University 2011 – 2013

- Fundraised for annual concerts, designed the annual financial plan, and acted as a treasurer for the club
- Promote active participation of all students by redefining the role of senior and junior students, abolish unneeded social events with pressure
- Became the biggest medical student club within three years

Teaching Assistant, Anyang Gwanak Welfare Center for the Disabled, Anyang, South Korea 2011

- Assisted teenagers with intellectual disabilities to participate in field trips and center-based program

Features Editor, KAIST Times (Student Newspaper), Daejeon, South Korea 2007 – 2008

- Directed reporters working on the Features section on planning, gathering information and writing articles
- Proofread and edited articles written by student reporters
- Hold an event “Talk with the President” with the student council to facilitate communication on the new policy between students and university faculty

Translator, Korean National Foster Care Center, Seoul, South Korea 2009

- Translated one section of a foster parenting training guidebook, Foster PRIDE Core, from English into Korean, intended to be used for the training program for foster parents in South Korea

LICENSURE & CERTIFICATION

Educational Commission for Foreign Medical Graduate (ECFMG) Certificate , USA	2016
Korean Medical License , Ministry of Health and Welfare, South Korea	2015

SKILLS

Statistical Language or Software: SAS, STATA, R, SPSS
 Computational Language: MATLAB, Maple
 Programming Languages: Java, C++
 Web / Software Development: Markdown, Git
 Desktop Applications: Microsoft Excel, PowerPoint, Word, Outlook
 Language: Korean, English, German