

G. Olivia Oh, MD MPH

Boston, MA • 301-312-2041 • gliviaoh@outlook.com • goliviaoh.com

EDUCATION

Harvard T.H. Chan School of Public Health	Boston, MA
Master of Public Health in Quantitative Methods	2019
Relevant Coursework (and programs used): Biostatistics I & II (Stata), Epidemiology I, II & III: Models for Causal Inference (SAS), Applied Regression (SAS), Applied Survival Analysis (SAS, Stata), Applied Longitudinal Analysis (SAS), Decision Analysis, Pharmacoepidemiology, Principles of Clinical Trials, Intro to Occupational and Environmental Medicine, Control of Infectious Diseases in Low/Mid Income Countries	
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 in 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 – May 2019
Advisor: Dae Hyun Kim, MD MPH ScD	
Title: The long-term effect of a multicomponent frailty intervention program on socioeconomically vulnerable older adults	
<ul style="list-style-type: none"> Developed a research proposal, statistical analysis plan and managed timelines for the practicum project as a lead author Manipulated, validated datasets for the Aging Study of Pyeongchang Rural Area (ASPRA) cohort comprised of four entry points and 1267 participants with monthly, quarterly and yearly measurements using SAS Matched subjects between program participants in the intervention subcohort (delayed-start study design) and non-participants in ASPRA cohort by Propensity Score Matching using Stata Conducted Multiple Imputation by Chained Equations for missing data, Analysis of Response Profile for a longitudinal study, and Bootstrap sampling for computing standard deviation using Stata Delivered oral presentation, wrote a final report and currently working on the manuscript as a first author for publishing 	
Student Researcher , Department of Preventive Medicine	Seoul, South Korea
Yonsei University School of Medicine	2014
Advisor: Eun Cheol Park, MD PhD	
Title: Association between irregularity of menstruation and behavioral factors: Korea National Health and Nutrition Examination Survey	
<ul style="list-style-type: none"> Developed a statistical analysis plan and conducted logistic regression analysis independently using SAS 	
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 from 14 of the 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, and summarizing the achievements of the vaccination program Delivered three presentations to interns and WHO staff 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	Daejeon, South Korea
Integrative NanoBioMEMS Laboratory, KAIST	Fall 2010
Advisor: Tae Seok Seo, PhD	

- Conducted experiments and wrote an undergraduate thesis for investigating the efficiency of 3D graphene oxide structure for water-soluble dye absorption
- Co-authored peer-reviewed journal article ‘Three-dimensional graphene oxide nanostructure for fast and efficient water-soluble dye removal’ cited by 379 in June 2019

Research Assistant

Daejeon, South Korea

Graduate School of Innovation and Technology Management, KAIST

Fall 2009

Supervisor: Mikyung Kim, MD, JD

- Interviewed 12 researchers on the biomedical research environment in South Korea with supervisor
- Wrote interview parts of the report submitted to the government and principally edited three video clips on the research environment and 12 individual video clips for each biomedical researcher

Research Intern, Seoul National University Biomedical Informatics Lab

Seoul, South Korea

College of Medicine, Seoul National University

Summer 2008

Advisor: Ju Han Kim, MD, PhD

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

CLINICAL PRACTICE

Hospitalist, Department of Neurosurgery and Orthopedic Surgery

Anyang, South Korea

International Naeun Hospital

Dec 2015 – Jul 2016, Feb – May 2018

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

- Worked as the sole night-shift physician managing post-operative inpatients
- Managed patients undergoing post-surgical hypertension, hypotension, delirium, and headaches
- Transferred suspected stroke or cardiac arrest patients to the ER for further medical attention

Physician, Community Outreach Health Screening Service

Gwangju, South Korea

Hyochang Hospital

Dec 2017 – Feb 2018

- Provided the Lifetime Periodic Health Screening Program from the Korean National Health Insurance Service to rural communities in Jeolla and Gyeongsang province

Physician, Emergency Medical Center

Incheon, South Korea

International St. Mary's Hospital, Catholic Kwandong University

Feb 2017 – Jun 2017

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

- Assessed and managed patients of all ages, interpreted lab and imaging results, and discharged patients without critical issues
- Supervised third-year medical students taking patients' history, conducting physical examinations, and writing ER notes

General Practitioner, Department of Dermatology

Anyang, South Korea

BE Plastic Surgery & Dermatology Clinic

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

U.S. CLINICAL TRAINING

Externship: Internal Medicine

Chicago, IL

Swedish Covenant Hospital

May – Jun 2018

Externship: Family Medicine

Chicago, IL

Jackson Park Hospital

Aug 2017 – Sep 2017

Observership: Infectious Disease, Internal Medicine

Tampa, FL

Tampa General Hospital, University of South Florida

Oct 2016

Observership: Pediatrics

Tampa, FL

Tampa General Hospital, University of South Florida

Sep 2016

Externship: Psychiatry

Chicago, IL

Jackson Park Hospital

Aug 2016

PUBLICATIONS & PRESENTATIONS

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 & SCHOLARSHIPS

JW Lee Global Young 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 the 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
- Organized dormitory social events: student orientation, homecoming day, and open dormitory day
- Worked as a student representative of the New Dormitory Construction Committee, resulting in a new dormitory with a design reflecting the students' opinions

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

- Fundraised for annual concerts, designed annual financial plans, and acted as a club treasurer
- Promote active participation of all students by redefining the role of senior and junior students, canceled unneeded social events that caused 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

- Selected and assigned stories to reporters. Reviewed and edited the writers' work
- Held an event entitled "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 for the foster parents training program in South Korea

CERTIFICATES AND ACCOMPLISHMENTS

Online Learning Course: Relational Algebra, Stanford Online Course 2019

Educational Commission for Foreign Medical Graduates (ECFMG) Certificate, USA 2016

Physician License, Ministry of Health and Welfare, South Korea 2015

TECHNICAL SKILLS

Experience with SAS, Stata, R, SPSS, MATLAB, Maple, Java, C++, Excel, Markdown, Github, Action

Languages: English, Korean