

## Gahee (Olivia) Oh, MD

Boston, MA • 301-312-2041 • gahee.oh@gmail.com • gaheeh.com

### EDUCATION

---

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

### RESEARCH EXPERIENCE

---

|   |                     |
|---|---------------------|
| <b>Practicum researcher</b> , Practicum Project   | Boston, MA          |
| Quantitative methods, Harvard T.H. Chan School of Public Health   | Nov 2018 – Present  |
| <ul style="list-style-type: none"><li>▪ Examined the long-term effect of multicomponent frailty intervention for socioeconomically vulnerable older adults</li><li>▪ Manipulated, executed and analyzed longitudinal cohort study data including multiple imputations</li></ul>   |                     |
| <b>Intern</b> , Expanded Programme on Immunization  | Manila, Philippines |
| Western Pacific Regional Office, World Health Organization  | Dec 2013 – Feb 2014 |
| <ul style="list-style-type: none"><li>▪ 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</li><li>▪ Wrote a report on surveillance and vaccination programs of Japanese Encephalitis in Cambodia by preparing a literature review, analyzing descriptive statistics, summarizing the achievements of the vaccination program</li><li>▪ 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</li></ul> |                     |
| <b>Student researcher</b> , Department of Preventive Medicine   | Seoul, S. Korea     |
| Yonsei University Korea   | 2014                |
| <ul style="list-style-type: none"><li>▪ Designed and analyzed the Korea National Health and Nutrition Examination Survey (KNHANES) data using SAS</li><li>▪ Derive the association between variables to study factors associated with the regularity of menstruation</li></ul>  |                     |
| <b>Student Researcher</b> , Undergraduate research  | Daejeon, S. Korea   |
| Integrative NanoBioMEMS Laboratory, KAIST   | Fall 2010           |
| <ul style="list-style-type: none"><li>▪ Conducted experiments, analyzed the data with a Ph.D. candidate and an undergraduate researcher</li><li>▪ Peer-reviewed journal article cited by 369 in March 2019</li></ul>  |                     |

**Research intern**, Seoul National University Biomedical Informatics Lab 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 Anyang, S. Korea  
International Naeun Hospital 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 Gwangju, S. Korea  
Hyochang Hospital Dec 2017 – Feb 2018

- Provided a health screening service 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 Incheon, S. Korea  
Catholic Kwandong University 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 Anyang, S. 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

## US 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

## 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 to find functionally related genes: Using protein-protein interaction and microarray data, Seoul National University Department of Biomedical Science Student Research Symposium, Seoul, S. Korea

## AWARDS & SCHOLARSHIP

---

**JW Lee Global Yong Frontier Grant**, Korea Foundation for International Healthcare, S. 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, S. Korea 2007 – 2011  
\$16,000 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 and workers
- 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 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 to drink alcohol
- Became the biggest medical student club within three years

**Teaching Assistant**, *Anyang Gwanak Welfare Center for the Disabled*, Anyang, S. Korea 2011

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

**Delegate**, *Korea–Morocco Intergovernmental Youth Exchange Program* 2009  
Ministry of Gender Equality & Family, S. Korea

- Met several youth groups in Morocco and visited several organizations and center for adolescents
- Wrote the report *Women's Rights and Gender Equality in Morocco*

**Features Editor**, *KAIST Times (Student Newspaper)*, Daejeon, S. 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, S. 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**

---

|   |      |
|---|------|
| <b>Educational Commission for Foreign Medical Graduate (ECFMG) Certification, USA</b> | 2016 |
| <b>Korean Medical License, Ministry of Health and Welfare, S. Korea</b>               | 2015 |

#### **SKILLS**

---

Statistical / Computational Language: SAS & STATA (proficient) / MATLAB & Maple (experienced)  
Programming Languages: R, Java & C++ (experienced)  
Web / Software Development: Markdown & Git (experienced)  
Healthtech Platform: Aetion (experienced)  
Desktop Applications: Microsoft Excel, PowerPoint, Word, Outlook (proficient)  
Korean (native)