

# SEONKYEONG YANG, M.S.Pharm

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## EDUCATION

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### **Doctor of Philosophy** 2019 - Present

Department of Pharmaceutical Outcomes & Policy, College of Pharmacy

University of Florida, Gainesville, FL, USA

Major advisor: Jenny Lo-Ciganic

GPA: 4.0

### **Master of Science** 2012 - 2015

Department of Clinical Pharmacy, College of Pharmacy

Marmara University, Istanbul, Turkey

Major advisor: Betul Okuyan

Thesis title: "Evaluation of Cardiometabolic Risk and Drug-related Problems in Patients with Bipolar Disorder"

*Magna Cum Laude*

### **Bachelor of Science in Pharmacy** 2005 - 2009

College of Pharmacy, Pusan National University, Busan, South Korea

*Magna Cum Laude*

## PROFESSIONAL WORK EXPERIENCE

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### **Pharmacoepidemiology Summer Intern** Jun 2021 - Aug 2021

Regeneron Pharmaceuticals in Tarrytown, NY, USA

- Supported the creation of a workable databases for a post-marketing requirement for the FDA
- Conducted systematic reviews of literature to support post-marketing requirement
- Created a detailed research protocol, establishing and interpreting the statistical analysis of the natural history and clinical outcomes in patients with lipodystrophy utilizing the Clinformatics Database

### **Graduate Research Assistant/Teaching Assistant** Aug 2019 - Present

College of Pharmacy, University of Florida in Gainesville, FL, USA

- Research Assistant:
  - Conduct systematic review of literature in various therapeutic areas (e.g., chronic pain, migraine, cough, and peripheral artery disorder)
  - Acquire data from secondary sources, and clean, integrate, and manipulate data for further analysis
  - Perform data analysis using SAS and R with various statistical methods
  - Draft manuscripts
  - Tested Pharmacy Quality Alliance (PQA)'s health plan performance measure for migraine preventive therapy under the supervision of Dr. Wei-Hsuan Lo-Ciganic
- Graduate Assistant:
  - Assisted in preparation of PharmD course materials including assignments, quizzes, and exams for the courses "PHA5267: Principles of Pharmacoeconomics" and "PHA5244: Principles of Evidence-Based Practice"

- Proctored PharmD exams

**Community Pharmacist**

Jun 2019 - Jul 2019

Songdo-uri Pharmacy in Busan, South Korea

- Prescription checking / review
- Medication dispensing
- Patient counseling

**Analyst**

Jun 2016 – Mar 2019

Pharminent LLC in Montclair, NJ, USA

- Conducted diabetes, obesity, and aesthetic dermatology market intelligence research on a daily basis:
  - Identified marketed and late-stage Phase III pipeline products
  - Collected complete information about key pharmaceutical companies (partnerships, mergers and acquisitions, company revenues, therapies under development, upcoming generic entries, branded and proprietary products, tracking of company portfolios and contributions to future growth projections)
  - Focused on market forecasts and current trends of key products in the U.S. and global

**Teaching Assistant**

Sep 2012 - Jul 2015

Department of Clinical Pharmacy, College of Pharmacy, Marmara University in Istanbul, Turkey

- Assisted in preparation of undergraduate pharmacotherapy course materials
- Attended and led a discussion in the undergraduate case study course
- Proctor undergraduate exams

**Community Pharmacist**

Sep 2010 - Dec 2010

Daesung Pharmacy, Busan, South Korea

- Medication preparation / compounding / dispensing
- Prescription checking / review
- Patient counseling

**Hospital Pharmacist & Research Pharmacist**

Mar 2009 – Jul 2010

Pusan National University Hospital in Busan, South Korea

- As a general hospital pharmacist, responsible for:
  - Patient care services
  - Discharge medication counseling
  - Prescription checking / review
  - Medication preparation / compounding / dispensing
  - Health professional consulting
- As a research pharmacist at the Pusan National University Regional Pharmacovigilance Research Center (RPVC), which is one of 27 RPVCs in South Korea and operated by the Ministry of Food and Drug Safety, responsible for:
  - Collecting adverse drug reaction (ADR) case reports within the center and from local clinics and pharmacies
  - Evaluating the clinical-pharmacological aspects of the case history
  - Assessing the relationship-likelihood of case reports of suspected ADRs by using WHO – Uppsala Monitoring Center causality categories

**Hospital Pharmacist Intern**

Jul 2009 – Aug 2009

Pusan National University Hospital in Busan, South Korea

## LICENSURE AND CERTIFICATIONS

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Pharmacist Intern License in FL, USA	2019 – Present
Foreign Pharmacy Graduate Examination Committee (FPGEC) Certification in USA	2019 – Present
Pharmacist License in South Korea	2009 – Present

## PROFESSIONAL MEMBERSHIPS

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Member, International Society for Pharmacoepidemiology (ISPE)	2020 – Present
Abstract Reviewer, International Society for Pharmacoeconomics and Outcomes Research (ISPOR)	2021
Member, International Society for Pharmacoeconomics and Outcomes Research (ISPOR)	2020 – Present
Member, Korean Society of Health-System Pharmacists	2009 – Present
Member, Korean Pharmaceutical Association	2009 – Present

## LEADERSHIP

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Treasurer, ISPOR Student Chapter, University of Florida	2021 – 2022
Secretary, ISPOR Student Chapter, University of Florida	2020 – 2021
Journal Club Facilitator, Department of Pharmaceutical Outcomes & Policy, College of Pharmacy, University of Florida	2020 – 2021
Class representative, College of Pharmacy, Pusan National University	2009

## HONORS AND AWARDS

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Member, University of Florida Alpha Epsilon Lambda Honor Society	2021-Present
Scholarship awarded by the International Society for Pharmacoepidemiology (ISPE) for the 37 <sup>th</sup> ICPE Annual International Meeting (virtual conference)	2021
Travel Grant awarded by the University of Florida Graduate Student Council for 2021 ISPOR Annual International Meeting (virtual conference)	2021
Scholarship awarded by the International Society for Pharmacoepidemiology (ISPE) for the 36 <sup>th</sup> ICPE Annual International Meeting (virtual conference)	2020
Graduate Student Assistantship, College of Pharmacy, University of Florida	2019 - Present
Turkey Government Scholarship for International Graduate Students	2012 – 2015
PNU Scholarship for Academic Excellence, Pusan National University	2005 – 2009

## PERSONAL SKILLS

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- Language skills: Korean (native), English (fluent), Turkish (fluent)
- Computer skills: SAS, R-Studio, TreeAge, Microsoft Office (Word, Excel, PowerPoint)
- Technical skills: Epidemiological methods, qualitative and quantitative data analysis, experience with primary and secondary data, literature research methods and scientific writing
- Databases: MarketScan commercial claims data  
Optum Clinformatics Data Mart  
5% national sample of Medicare  
National Ambulatory Medical Care Survey (NAMCS)  
National Hospital Ambulatory Medical Care Survey (NHAMCS)  
Nationwide Readmissions Database (NRD)  
OneFlorida Medicaid

## OneFlorida electronic health records

## POSTER PRESENTATIONS

**Yang S**, Hincapie-Castillo JM, Chang CY, Wilson DL, Lo-Ciganic WH. Trends and characteristics in cough prescription use in ambulatory care settings in the United States: 2003-2016. *Pharmacoepidemiol Drug Safety*. 2020;29(S3):4431.

**Yang S**, Lipe A, Boren M, Hincapie-Castillo JM, Brown JD, Guo J, Park H, Chang CY, Wilson DL, Adkins LE, Lo-Ciganic W. Trends in the Management of Primary Headache in US Emergency Departments: Analysis of 2007-2018 NHAMCS Data. 2021 ICPE.

**Yang S**, Boren M, Lipe A, Hincapie-Castillo JM, Brown JD, Park H, Guo J, Chang CY, Wilson DL, Adkins LE, Lo-Ciganic W. Trends and Characteristics in Opioid Analgesic Use for Migraine in US Emergency Departments: Analysis of National Hospital Ambulatory Medical Care Survey 2007-2018 Data. 2021 ISPOR.

Unigwe I, **Yang S**, Song H, Lo-Ciganic W, Cook R, Park H. Trends in sexually transmitted infections in the United States ambulatory care clinics from 2005-2016. 2021 ICPE.

Keshwani K, Brown JD, Lo-Ciganic W, **Yang S**, Smolinski NE, Hincapie-Castillo JM. Trends in Prescribing of Non-Steroidal Anti-Inflammatory Medications in the US Ambulatory Care Setting, 2006-2016. 2021 ICPE.

Ravindra N, Faddoul N, Lo-Ciganic W, Hincapie-Castillo JM, Park H, Heldermon CD, **Yang S**, Wilson DL, Adkins LE, Chang C. Association between Nonadherence to Endocrine Therapy and the Risk of Recurrence Among Breast Cancer Survivors: A Systematic Literature Review. 2021 ISPOR.

Faddoul N, Ravindra N, Lo-Ciganic W, Hincapie-Castillo JM, Park H, Heldermon CD, **Yang S**, Wilson DL, Adkins LE, Chang C. Opioid use patterns among non-metastatic cancer survivors: A systematic literature review. 2021 ICPE.

**Yang S**, Okuyan B, Sancar M, Bingol-Ozakupinar O, Nebioglu M, Caliskan M, Cirakli Z, Morisky DE, Izzettin FV. The Role of Clinical Pharmacist in Evaluation of Cardiometabolic Risk and Drug-related Problems in Patients with Bipolar Disorder. Poster presented at: *46th ESCP Symposium on Clinical Pharmacy*; October, 2017; Heidelberg, Germany.

Sancar M, Girgin I, Selcuk A, **Yang S**, Izzettin FV, Okuyan B. Evaluation drug burden index and medication utilization in geriatric patients at community pharmacy. Poster presented at: *43rd ESCP Symposium on Clinical Pharmacy*; October 2014; Copenhagen, Denmark.

Okuyan B, Aydinli Z, Celik I, Dincel ED, Say T, Yavuz D, Selcuk A, **Yang S**, Sancar M. Determination of drug related problem and drug burden index in elderly patients utilized disposable insulin pen. Poster presented at: *43rd ESCP Symposium on Clinical Pharmacy*; October 2014; Copenhagen, Denmark.

Okuyan B, Aydinli Z, Celik I, Dincel ED, Say T, Yavuz D, Selcuk A, **Yang S**, Babi B, Sancar M. Evaluating of drug burden index in elderly patients utilized disposable insulin pen. Poster presented at: *43rd ESCP Symposium on Clinical Pharmacy*; October 2014; Copenhagen, Denmark.

Okuyan B, Aydinli Z, Celik I, Dincel ED, Say T, Yavuz D, Selcuk A, **Yang S**, Demircioglu ASK, Sancar M. Evaluating drug burden index in elderly patients utilized inhaler. Poster presented at: *43rd ESCP Symposium on Clinical Pharmacy*; October 2014; Copenhagen, Denmark.

MANUSCRIPTS – UNDER REVIEW

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Lo-Ciganic W, Wang T, Ge Y, Hincapie-Castillo JM, Jones BL, Huang JL, Chang CY, Wilson D, Lee JK, Reisfield GM, Kwoh CK, Delcher C, Nguyen KA, Zhou L, Shorr RI, Guo J, Marcum JA, Harle CA, Park H, **Yang S**, Adkins L, Gellad WF. Dosing profiles of concurrent opioid and benzodiazepine use most associated with overdose risk among US Medicare beneficiaries: A retrospective cohort study. *Addiction*.

Unigwe I, **Yang S**, Song H, Lo-Ciganic W, Hincapie-Castillo JM, Cook R, Park H. Trends in sexually transmitted infections in the United States ambulatory care clinics from 2005-2016. *American Journal of Preventive Medicine*.