

CHANHYUN PARK, PhD, MPharm, MEd

August 2018

EDUCATION

Sep 10 – May 16	The University of Texas at Austin PhD, Specialization in Health Outcomes Research Health Outcomes and Pharmacy Practice Division, College of Pharmacy (Minor: Health Informatics and Statistics)	Austin, TX
Jan 13 – Dec 14	The University of Texas at Austin MEd, Specialization in Quantitative Methods Educational Psychology Department, College of Education	Austin, TX
Mar 07 – Aug 09	Sookmyung Women’s University MPharm, Specialization in Clinical Pharmacy Therapeutic Pharmacy Division, College of Pharmacy	Seoul, Korea
Mar 03 – Feb 07	Sookmyung Women’s University BPharm, College of Pharmacy	Seoul, Korea

RESEARCH INTEREST

Method	<ul style="list-style-type: none">Health Services & Outcomes ResearchSystematic Review & Meta-analysisPharmacoeconomicsPharmacoepidemiology	Disease	<ul style="list-style-type: none">HypertensionDiabetesWomen’s CancerMental illness
Intervention/ Outcome	<ul style="list-style-type: none">Medication AdherenceTreatment PatternsComorbidityHealthcare Utilization and CostsHealth Disparities	Database	<ul style="list-style-type: none">National SurveyInsurance Claims

EMPLOYMENT

Aug 18 – Present	Northeastern University School of Pharmacy Assistant Professor	Boston, MA
Aug 16 – Jul 18	Centers for Disease Control and Prevention (CDC) Health Economist (Prevention Effectiveness Fellow)	Atlanta, GA
Sep 10 – Aug 16	The University of Texas at Austin College of Pharmacy Research Assistant, Teaching Assistant & Fellow	Austin, TX
Jun 14 – Aug 14	Biogen Idec Intern, Global Market Access	Cambridge, MA
Jun 09 – May 10	Drug Information Research Institute Team Lead, Drug Information Call Operation Management Service Team	Seoul, Korea
Mar 09 – May 09	Health Insurance Review & Assessment Service (HIRA) Intern	Seoul, Korea
Mar 07 – May 09	Sookmyung Women’s University Research Assistant & Teaching Assistant	Seoul, Korea
Mar 07 – Sep 07	Pfizer Pharmaceuticals Korea Ltd. Medical Information Associate, Medical Division	Seoul, Korea
Feb 07 – May 10	Community Pharmacies (Chungang, Segero & Semyung) Part-time Pharmacist	Seoul, Korea
Jan 06	National Police Hospital Intern	Seoul, Korea

PUBLICATION (PEER-REVIEWED)

1. Wang G, Ng B, **Park C**, Ritchey MD, Fang J, Soler RE, Smith B, Zhang P. Hypertension-associated medical expenditures by diabetes status among adult female Medicaid enrollees in Alabama. (*in preparation*)
2. Zhang D, Park C, Li J, Chapel J, Ritchey MR, Wang G. Health care utilizations and expenditures among adults with hypertension eligible for Medicaid under the Affordable Care Act. (*in preparation*)
3. **Park C**, Fang J, Durthaler JM, Carma A, Wang G. Use and expense of antihypertensive medicines in hypertensive adults in the U.S. (*in preparation*)
4. Grebla R, Setyawan J, **Park C**, Richards K, Nwokeji E, Pawaskar M, Erder MH, Lawson KA. Modeling treatment response in Attention Deficit Hyperactivity Disorder among children and adolescents in the Texas Medicaid population. (*in preparation*)

5. **Park C**, Fang J, Hawkins N, Wang G. Comorbidity status and annual total medication expenditures in U.S. hypertensive adults. *Am J Prev Med.* 2017;53(6S2):S172-S181.
6. **Park C**, Wang G, Durthaler JM, Fang J. Cost-effectiveness analyses of antihypertensive medicines: A systematic review. *Am J Prev Med.* 2017;53(6S2):S131-S142.
7. **Park C**, Sung M, Kim SH, Pinal D, Balkrishnan R, Chang J. Healthcare costs of pediatric acne in the Medicaid population: a retrospective Analysis. *Br J Pharm Res.* 2017;16(3):1-8.
8. Ma X, **Park C**, Lin HC, Andrews S, Chang J. Factors associated with physician prescribing behavior of dipeptidyl peptidase-4 (DPP-4) inhibitors for type 2 diabetes in the US outpatient population. *J Hosp Adm.* 2017;6(2):59-67.
9. Hester C, **Park C**, Chung J, Balkrishnan R, Feldman S, Chang J. Medication adherence in children and adolescents with acne vulgaris in Medicaid: a retrospective study analysis. *Pediatr Dermatol.* 2016;33(1):49-55.
10. Jiang S, Barner JC, **Park C**, Ling Y. Treatment patterns of anti-vascular endothelial growth factor (VEGF) and laser therapy among patients with diabetic macular edema (DME). *J Manag Care Spec Pharm.* 2015;21(9):735-741.
11. **Park C**, Kim N, Shin DY, Feldman SR, Balkrishnan R, Chang J. The association of physicians' caring attitude with patient satisfaction: an analysis of the national e-survey data. *Kor J Hosp Manag.* 2015;20(2):15-27.
12. **Park C**, Tan X, Patel IB, Reiff A, Balkrishnan R, Chang J. Racial health disparities among special health care needs children with mental disorders: do medical homes cater to their needs? *J Prim Care Community Health.* 2014;5(4):253-262.
13. Jiang S, **Park C**, Barner JC. Ranibizumab for age-related macular degeneration: a meta-analysis of dose effects and comparison with no anti-VEGF treatment and bevacizumab. *J Clin Pharm Ther.* 2014;39(3):234-239.
14. **Park C**, Kim G, Patel I, Chang J, Tan X. Improving adherence to acne treatment: the emerging role of application software. *Clin Cosmet Investig Dermatol.* 2014;7:65-72.
15. **Park C**, Jiang S, Lawson KA. Efficacy and safety of telaprevir and boceprevir in patients with hepatitis C genotype 1: a meta-analysis. *J Clin Pharm Ther.* 2014;39(1):14-24.
16. Park H, **Park C**, Kim Y, Rascati KL. Efficacy and safety of dipeptidyl peptidase-4 [DPP-4] inhibitors in type 2 diabetes: meta-analysis. *Ann Pharmacother.* 2012;46(11):1453-1469.
17. **Park C**, Sohn HS, Shin HT, Choi KE. Retrospective drug utilization review study on therapeutic duplication in patients with anxiety disorders. *Kor J Clin Pharm.* 2010;20(1):39-49.

POSTER PRESENTATION (PEER-REVIEWED)

1. Wang G, Ng B, **Park C**, Ritchey MD, Fang J, Soler RE, Smith B, Zhang P. "Hypertension-associated medical expenditures by diabetes status among adult female Medicaid enrollees in Alabama" at American Diabetes Association (ADA)'s 78th Scientific Sessions, Orlando, FL, June 2018
2. **Park C**, Fang J, Durthaler JM, Carma A, Wang G. "Use and expense of antihypertensive medicines in U.S. hypertensive adults" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Baltimore, MD, USA, May 2018.
3. Heo JH, **Park C**, Rascati KA. "Indirect comparisons of safety of targeted therapies for advanced renal cell carcinoma: a network meta-analysis" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Boston, MA, USA, May 2017.
4. **Park C**, Fang J, Hawkins N, Wang G. "Comorbidity status and medical expenditures in U.S. hypertensive adults" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Boston, MA, USA, May 2017.
5. **Park C**, Lawson KA, Barner JC, Powers DA, Rascati KA, Wilson JP. "Comorbidity measures to predict healthcare costs among elderly gynecologic cancer survivors in the US: an analysis of SEER-Medicare data" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Boston, MA, USA, May 2017.
6. **Park C**, Lawson KA, Barner JC, Powers DA, Rascati KA, Wilson JP. "Comorbidity measures to predict overall survival time among elderly gynecologic cancer survivors in the US: an analysis of SEER-Medicare data" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Boston, MA, USA, May 2017.
7. **Park C**, Wang G, Durthaler JM, Fang J. "A systematic review of cost-effectiveness analyses of antihypertensive medications" at the Academy of Managed Care Pharmacy (AMCP) Annual Meeting 2017, Denver, CO, USA, Mar 2017.
8. Ma X, **Park C**, Lin HC, Andrews S, Chang J. "Examine the sociological influences on physician prescribing behavior of type 2 diabetic medications in US outpatient setting" at the Academy of Managed Care Pharmacy (AMCP) Annual Meeting 2017, Denver, CO, USA, Mar 2017.
9. Ma X, **Park C**, Lawson KA. "Arthritis-related medical care utilization and expenditures under gatekeeper and non-gatekeeper plans using Medical Expenditure Panel Survey (MEPS) data" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Washington D.C., USA, May 2016.
10. **Park C**, Grebla R, Richards K, Setyawan J, Nwokeji E, Pawaskar M, Erder MH, Lawson KA. "Modeling treatment response in Attention Deficit Hyperactivity Disorder among children and adolescents in the Texas Medicaid population" at the American Academy of Child and Adolescent Psychiatry (AACAP) Annual Meeting, San Antonio, TX, USA, Oct 2015.

11. **Park C**, Lawson KA. "Estimation of direct healthcare costs of gynecologic cancer in the U.S.: an analysis of 2007-2011 Medical Expenditure Panel Survey (MEPS) data" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Philadelphia, PA, USA , May 2015.
12. **Park C**, Watson C. "Patient-reported outcome (PRO) measures used in secondary-progressive multiple sclerosis (SPMS) studies: a systematic review" at the 67th American Academy of Neurology (AAN) Annual Meeting, Washington D.C., USA, Apr 2015.
13. Chloe S, **Park C**, Tan X, Janice J. Chang J. "Medication adherence in children and adolescents with acne vulgaris" at the Academy of Managed Care Pharmacy (AMCP) Nexus 2014, Boston, MA, USA, Oct 2014.
14. **Park C**, Ma X, Lawson KA. "Is depression related to underuse of breast cancer screening?" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Montreal, QC, Canada, Jun 2014.
15. **Park C**, Kim G, Jiang S, Lawson KA. "The association of comorbid anxiety and mood disorders with health-related quality of life among cancer survivors" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Montreal, QC, Canada, Jun 2014.
16. **Park C**, Kim N, Feldman SR, Balkrishnan R, Chang J. "Patients' perceptions of physicians' caring attitude is the critical factor in determining patient satisfaction" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Montreal, QC, Canada, Jun 2014.
17. Jiang S, Barner JC, **Park C**, Ling Y. "Treatment patterns of anti-vascular endothelial growth factor (VEGF) and laser therapy among patients with diabetic macular edema (DME)" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Montreal, QC, Canada, Jun 2014.
18. **Park C**, Tan X, Patel I, Reiff A, Balkrishnan R, Chang J. "Racial health disparities among special health care needs children with mental disorders - do medical homes cater to their needs?" at the Academy of Managed Care Pharmacy (AMCP) Nexus 2013, San Antonio, TX, USA, Oct 2013.
19. **Park C**, Jiang S, Lawson KA. "Efficacy and safety of telaprevir and boceprevir in patients with hepatitis C genotype 1: a meta-analysis" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, New Orleans, LA, USA, May 2013.
20. Jiang S, **Park C**, Barner JC. "Comparing treatment patterns and efficacy of ranibizumab for patients with age-related macular degeneration (AMD): a meta-analysis" at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, New Orleans, LA, USA, May 2013.

21. Park H, **Park C**, Kim Y, Rascati KL. “A meta-analysis of efficacy and safety of dipeptidyl peptidase-4 [DPP-4] inhibitors in type 2 diabetes” at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Washington D.C., USA, Jun 2012.

INSTRUCTIONAL ACTIVITY

Institute/Course	Role	Year
UT College of Pharmacy		
Introduction to Patient Care	Teaching Assistant	2012, 2013
Drugs in Our Society	Teaching Assistant	2012, 2013
Nonprescription Pharmacotherapeutics II Lab	Teaching Assistant	2012
Interprofessional Ethics	Teaching Assistant	2011
Intravenous Admixtures Lab	Teaching Assistant	2010
UT Department of statistics and data science		
Statistics	One-on-one tutor	2014-2016
Sookmyung Women’s University		
Pharmacy Practice Lab	Assistant Instructor	2008
Clinical Pharmacy	Teaching Assistant	2007
Hospital Pharmacy	Teaching Assistant	2007

PROFESSIONAL DEVELOPMENT ACTIVITIES

Research method-related Training

- May 17 ▪ Introduction to the Design & Analysis of Observational Studies of Treatment Effects Using Retrospective Data Sources
Short course at ISPOR 22nd Annual International Meeting (Boston, MA)
- May 17 ▪ Use of Propensity Score in Observational Studies of Treatment Effects
Short course at ISPOR 22nd Annual International Meeting (Boston, MA)
- Nov 16 ▪ Using Modeling to Inform Public Health Policy
Health Economics Seminar by CDC (Atlanta, GA)
- Nov 16 ▪ Modeling at the Center for Disease Dynamics, Economics & Policy
Health Economics Seminar by CDC (Atlanta, GA)
- Oct 16 ▪ Multilevel Modeling of Hierarchical and Longitudinal Data
Two-day workshop by CDC (Atlanta, GA)
- Sep 16 ▪ Value-Based Insurance and Price Elasticities
Health Economics Seminar by CDC (Atlanta, GA)
- May 16 ▪ Introduction to Big Data Analytics
▪ Big Data Analytics: Structured, Semi-Structured, and Unstructured
Four-day workshop at University of Texas at Austin Summer Statistics Institute (Austin, TX)
- Jun 14 ▪ Applications in Using Large Databases
Short course at ISPOR 19th Annual International Meeting (Montreal, QC, Canada)

- Jan 14 ▪ Advanced Course in Pharmacoeconomic Modeling
Two-day workshop at University of Arizona College of Pharmacy (Tucson, AZ)
- May 13 ▪ Modeling: Design and Structure of a Model
▪ Patient-Reported Outcomes – Item Response Theory
Short course at ISPOR 18th Annual International Meeting (New Orleans, LA)
- Jun 12 ▪ Modeling Methods
▪ Network Meta-analysis for Indirect Treatment Comparison
Short course at ISPOR 18th Annual International Meeting (Washington, DC)

Database and Software-related Training

- Jan 17 ▪ TreeAge
Two-day workshop by CDC (Atlanta, GA)
- Nov 16 ▪ Healthcare Cost and Utilization Project (HCUP) trainings
Two-day workshop by CDC (Atlanta, GA)
- Oct 16 ▪ National Emergency Medical Services (EMS) Information System (NEMSIS): A Stroke and Cardiac Arrest Data Source
Science Seminar by CDC (Atlanta, GA)
- Sep 16 ▪ MarketScan
Two-day workshop by CDC (Atlanta, GA)
- Sep 13 ▪ MEPS Data Users' Workshop
Two-day workshop by AHRQ (Rockville, MD)

Disease and Practice-related Training

- Oct 17 ▪ Epidemiologic & Economic Modeling Agreement (NEEMA) Meeting
National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (NCHHSTP) *(Atlanta, GA)*
- Jan 17 ▪ An update on the epidemiology of atrial fibrillation
Science Seminar by CDC (Atlanta, GA)
- Oct 16 ▪ From Evidence to Action: Understanding and Addressing the Burden of Medication Non-adherence
Science Seminar by CDC (Atlanta, GA)
- Nov 16 ▪ Practical Application of Cloud-based Health Information Data Sharing
Policy Lecture by CDC (Atlanta, GA)
- Oct 16 ▪ Introduction to Policy Analysis
▪ Introduction to Policy Evaluation
Short course by CDC (Atlanta, GA)
- Sep 16 ▪ Public Health Policy Development
Two-day workshop by CDC (Atlanta, GA)

Other Training

- Dec 16 ▪ Successful Scientific Writing Workshop
Four-day workshop by CDC (Atlanta, GA)

PEER REVIEWER

International journal of dermatology	2017-present
Cancer Epidemiology, Biomarkers & Prevention	2016-present
Pediatrics	2015-present
Medicine	2015-present
BMJ open	2015
SAGE open	2012-2013

PROFESSIONAL AFFILIATIONS

International Society for Pharmacoeconomics and Outcomes Research (ISPOR)	2010-present
Academy of Managed Care Pharmacy	2010-present
Rho Chi Pharmacy Honors Society	2012-present
Korean Academy of Social & Managed Care Pharmacy	2008-present

AWARDS AND HONORS

Sep 15 – May 16	UT College of Pharmacy Continuing Fellowship The University of Texas at Austin	Austin, Texas
Sep 14 – Aug 15	UT Graduate School Named Continuing Fellowship The University of Texas at Austin	Austin, Texas
Jun 13	UT Professional Development Award The University of Texas at Austin	Austin, Texas
Sep 10 – May 11	UT Graduate School Recruitment Fellowship The University of Texas at Austin	Austin, Texas
2005 & 2006	Scholarship, Alumni Association of School of Pharmacy Sookmyung Women's University	Seoul, Korea
2003	Honors Scholarship Sookmyung Women's University	Seoul, Korea

PROFESSIONAL SKILLS

Statistical software (SAS, SPSS, Stata, R, M-Plus, HLM & Lisrel)
Psychometric software (PARSCALE, MULTILOG & IRTPRO)
Decision analysis software (TreeAge, NetLogo & Excel)

PROFESSIONAL LICENSURE

2007 - Present South Korea Certificate, Registered Pharmacist #58731