

JONGWHA CHANG

Department of Pharmaceutical Sciences
School of Pharmacy
University of Texas
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EDUCATION

The University of Michigan, Ann Arbor, MI

Ph.D in Social & Administrative Science, 2012

Texas A&M University Health Science Center, College Station, TX

M.S.P.H in Health Policy & Management, 2007

Columbia University, New York, NY

M.A in Statistics, 2004

The Ohio State University, Columbus, OH

B.B.A in Finance, 2003

RESEARCH INTERESTS

Quantitative Health Service Research; Health Outcomes; Healthcare Management; Meta-Analysis; Applied Micro Econometrics; Health Care Cost Analysis; Patient-Centered Medical Home; Integrated Delivery System; Cost-Effectiveness Analysis; Comparative Effectiveness Analysis

PROFESSIONAL APPOINTMENTS

Assistant Professor, Department of Pharmacy Practice, University of Texas, School of Pharmacy, El Paso, TX 06/2016 ~

Adjunct Assistant Professor, Department of Pharmacy Practice and Health Outcomes, University of Texas, College of Pharmacy, Austin, TX 09/2016 ~

Health Outcomes Advisor (Advisory Board Member) – Korea United Pharmaceuticals Inc, Seoul, South Korea 06/2014 ~

Deputy Director of Printable Nano Engineering (PNE) group, University of Texas, College of Engineering, El Paso, TX 10/2017~ 9/2018

Research Scientist – Humana Comprehensive Health Insights, Louisville, KY 12/2015 ~ 05/2016

Board of Director in Korea Society of Hospital Management, Seoul, South Korea 02/2014

Assistant Professor, Department of Pharmaceutical, Social & Administrative Sciences, Samford University, School of Pharmacy, Birmingham, AL 07/2013 ~ 09/2015

Assistant Professor, Division of Health Services Research, Department of Public Health Sciences, The Pennsylvania State University, College of Medicine, Hershey, PA 01/2012 ~ 06/2013

Senior Research Associate, Texas A&M University, Dwight Look College of Engineering, College Station, TX 2008

TEACHING

Fall 2020 Applied Biostatistics (Required 3rd year Pharm.D. students' core course in Global Health Colloquium)

Fall 2020 Introduction to Biostatistics and Epidemiology (Required 2nd year Pharm.D. students' core course in Global Health Colloquium)

Fall 2020 Foundations of Pharmacy, Healthcare, Ethics and Law IA (Required 1st year Pharm.D. students' core course in Patient Care, Practice and Innovation)

Spring 2020 Pharmacy Practice Management (Required 3rd year Pharm.D. students' core Course in Patient Care. Practice and Innovation)

Fall 2019 Applied Biostatistics (Required 3rd year Pharm.D. students' core course in Global Health Colloquium)

Fall 2019 ECHO Pharm and Law IIIA (Required 3rd year Pharm.D. students' core course in Patient Care, Practice and Innovation)

Fall 2019 Introduction to Biostatistics and Epidemiology (Required 2nd year Pharm.D. students' core course in Global Health Colloquium)

Fall 2019 Foundations of Pharmacy, Healthcare, Ethics and Law IA (Required 1st year Pharm.D. students' core course in Patient Care, Practice and Innovation)

Spring 2019 Patient Safety (Required 2nd year Pharm.D. students' core course in Patient Care, Practice and Innovation)

Fall 2018 Introduction to Biostatistics and Epidemiology (Required 2nd year Pharm.D. students' core course in Global Health Colloquium)

Fall 2018 Foundations of Pharmacy, Healthcare, Ethics and Law IA (Required 1st year Pharm.D. students' core course in Patient Care, Practice and Innovation)

Spring 2018 Advanced Evidence-Based Medicine (Required 3rd year Pharm.D students' core course in Pharmacy Administration)

Spring 2018 Pharmacoeconomics (Required 3rd year Pharm.D. students' core course in Pharmacy Administration)

Fall 2017 Foundations of Pharmacy, Healthcare, Ethics and Law IA (Required 1st year Pharm.D. students' core course in Patient Care, Practice and Innovation)

Fall 2017 Engineering Problems (Required 4th year Metallurgy students' core course in Metallurgy and Material Sciences)

- Spring 2017 Advanced Evidence-Based Medicine (Required 3rd year Pharm.D students' Core course in Pharmacy Administration)
- Spring 2017 Pharmacoeconomics (Required 3rd year Pharm.D. students' core course in Pharmacy Administration)
- Spring 2015 Population health (Required 1st year Pharm.D students' core course in Social and Administrative Sciences)
- Fall 2014 Financial Management (Required 2nd year Pharm.D students' core course in Social and Administrative Sciences)
- Spring 2014 Population Health (Required 1st year Pharm.D students' core course in Social and Administrative Sciences)
- Fall 2013 Financial Management (Required 2nd year Pharm.D students' core course in Social and Administrative Sciences)
- Fall 2010 Managing the Medication Use System (Required 3rd year Pharm.D students' Core Course in Social and Administrative Sciences)
- Winter 2010 Health Law and Ethics (Required 3rd year Pharm.D students' core course in Social and Administrative Sciences)
- Fall 2009 Managing the Medication Use System (Required 3rd year Pharm.D students' core course in Social and Administrative Sciences)
- Spring 2007 Managerial Accounting (Required 2nd year Master students' core course Health Policy and Management)
- Fall 2007 Introduction to Healthcare Finance (Required 1st year Master students' core course Health Policy and Management)
- Spring 2006 Introduction to Healthcare Finance (Required 1st year Master students' core course Health Policy and Management)

PUBLICATIONS

Peer-Reviewed Articles

77. Chang, J (with Shin, DY., Weech-Maldonado, R.) (2020) The Impact of Market Conditions on RN Staffing in Hospitals: Using Resource Dependence Theory and Information Uncertainty Perspective (*Risk Management and Healthcare Policy: 13: 2103-2114*) * Corresponding author
76. Chang, J (with Alshahrani, A., Shih, HJ., Kim, S.) (2020) Association between Falls and Chronic Health Conditions among Adults in Residential Care Facilities: Analysis of the National Survey of Residential Care Facilities (NSRCF) data (*Biomedical Journal of Scientific & Technical Research:30(5): 23763-23767*) * Corresponding author

75. Chang, J (with Kim, E., Kim ,S.) (2020) Performance-based risk-sharing arrangements (PBRSA): Is it a solution to increase bang for the buck for pharmaceutical reimbursement strategy for our nation and around the world?" (*Clinical Drug Investigation: Accepted*)
74. Chang, J (with Angayan, M., Lopez, S.) (2020) Association of Health-Related Quality of Life with Breast Cancer Survival among Hispanic Population Using 10 Years of MEPS National Sample Cohort Data (*Clinical Oncology and Research: 3(8): 1-9*)
* First and Corresponding author
73. Chang, J (with Shin, DY) (2020) The relationship between nurse staffing, quality, and Financial performance in hospitals (*Archives of Business Research: 8(7): 513*)
* Corresponding author
72. Chang, J (with Kim, S., Park, E., Han, K.) (2020) Association between alcohol's harm to others and depression, stress among Korean adults (*Health Policy and Management: 30(3): 366-375*)
71. Chang, J (with Monzon, C., Raparla, M.) (2020) Direct Medical Expenditure and Healthcare Utilization in US Hispanic vs. Non-Hispanic Patients with Chronic Obstructive Pulmonary Disease (COPD): An Analysis of the Medical Expenditure Panel Survey 2012-2016 (*Biomedical Journal of Scientific & Technical Research: 29(2): 22273*) * Corresponding author
70. Chang, J (with Chae, S., Choi, K., Nurunnabi, Md, Choi, J., Yu, H.) (2020) Aqueous Dispersion of 1-Dimensional van der Waals material Mo6S316 with the Charge Type of the Hydrophobic Dispersant Tail (*ACS Applied Bio Materials: 3: 3992-3998*)
69. Chang, J (with Patel, I., Gadwal, T., Shrestha, S., Kheiri, S., Guy, J., Falter, R., Johnson, M.) (2020) Cultural Competency Education in Pharmacy Curricula- Need and Implementation (*Indian Journal of Pharmacy Practice:13(2): 97-112*)
68. Chang, J (with Zhang, H., Kang, E., Ham, Y) (2020) Disability and Self-Reported Adverse Drug Events among Patients with Chronic Diseases (*Drugs & Therapy Perspectives: 36: 310-318*)
67. Chang, J (with Higa, G., Feng, X., Safarudin, F., Sambamoorthi, U) (2020) Prevalence and Factors Associated with Potentially Inappropriate Medication Use in Elder Patients with and without Cancer (*Research in Social and Administrative Pharmacy: 16(10): 1459-1471*)
66. Chang, J (with Patil, A., Kim, S., Leung, MY) (2019) Analyzing High Dimensional Correlated Data Using Feature Selection and Classifiers (*Computational and Mathematical Biophysics: 7: 98-120*)
65. Chang, J (with Macias, M., Riley, E., Park. C., Kang, H) (2019) Associations between the Presence of Type 2 Diabetes and Health-Related Quality of Life (HRQoL) among US Hispanic Population (*Archives of Clinical and Biomedical Research: 3(6): 408-421*) * First and Corresponding author

64. Chang, J (with Kim, S., Oh, S., Chae, S., Lee, J., Shi, L., Choi, J., Lee, J) (2019) Exceptional Mechanical Properties of Phase-Separation-Free Mo₃Se₃—Chain-Reinforced Hydrogel Prepared by Polymer Wrapping Process (*Nano Letters*: 19(8): 5717-5724)
63. Chang, J (with Riley, E., Park, C., Kim, S., Song, I) (2019) Hypertension and Health-Related Quality of Life (HRQoL): Evidence from the US Hispanic Population (*Clinical Drug Investigation*: 39(9): 899-908) * First and Corresponding author
62. Chang, J (with McKay, C., Park, C., Brackbill, M., Choi, J., Lee, J., Kim, S.) (2019) Systematic Review and Meta-Analysis of Pharmacist-Led Transitions of Care Services on the 30-Day All-Cause Readmission Rate of Patients with Congestive Heart Failure (*Clinical Drug Investigation*: 39(8): 703-712)
61. Chang, J (with Lee, J., Chae, S., Oh, S., Kim, S., Choi, K., Meeseepong, M., Kim, N., Kim, Y., Lee, N., Lee, J., Choi, J.) (2018) Single-chain Atomic Crystals as Extracellular Matrix-Mimicking Material with Exceptional Biocompatibility and Bioactivity (*Nano Letters*: 18(12): 7619-7627)
60. Chang, J (with Nili, M., Luo, L., Feng, X., Tan, X.) (2018) Disparities in Hepatitis C Virus Infection Screening among Baby Boomers in the United States (*American Journal of Infection Control*, 49(12): 1341-1347)
59. Chang, J (with Patel, I., Chapman, T., Camacho, F., Balkrishnan, R., Feldman, S.) (2018) Satisfied Patients and Pediatricians: a Cross-Sectional Analysis (*Patient Related Outcome Measures*, 9: 299-307)
58. Chang, J (with Cho, N., Atems, B., Ke, W.) (2018) How Does Electronic Health Information Exchange Affect Hospital Performance Efficiency? The Effects of Breadth and Depth of Informational Sharing (*Journal of Healthcare Management*, 63(3): 212- 228)
57. Chang, J (with Goyat, R., Rai, P., Ponte, C., Tan, X.) (2018) Cardiovascular Mortality of Oral Anti-Diabetics Drugs approved before and after the 2008 United States Food and Drug Administration (FDA) guideline for Industry – a Systematic Review and Meta Analysis (*Clinical Drug Investigation*, 38(6): 491-501)
56. Chang, J (with Andrews, S., Shepetiak, N., Patel, I., Arbogast, Z.) (2018) Unnecessary Medications in Hospice Patients: Retrospective Chart Review from a Hospice in Ohio (*Journal of Pharmacy Practice and Community Medicine*, 4(1): S115-S117)
55. Chang, J (with Cho, S., Choi, Y., Kim, S., Kim, S.) (2017) Urinary Bisphenol A versus Serum Bisphenol A Concentration and Ovarian Reproductive Outcomes among IVF Patients: Which is a better biomarker of BPA exposure? (*Molecular & Cellular Toxicology*: 13(4): 351-359) * Corresponding author
54. Chang, J (with Kim, S., Ryu, Y., Cho, N., Kim, A.) (2017) Prescription Drug Price Paradox: Cost Analysis of Canadian Online Pharmacies versus US Medicare Beneficiaries for the Top 100 Drugs (*Clinical Drug Investigation*, 37(10): 957-963)
* Corresponding author
53. Chang, J (with Park, C., Sung, M., Kim, S., Pinal, D., Balkrishnan, R.) (2017) Healthcare Costs of Pediatric Acne in the Medicaid Population: A Retrospective Analysis (*British Journal of Pharmaceutical Research*, 16(3): 1-8) * Corresponding author

52. Chang, J (with Kim, S., Lee, G., Kim, E., Jung, H.) (2017) Quetiapine Misuse and Abuse: Is it an atypical paradigm of drug seeking behavior? (*Journal of Research in Pharmacy Practice*, 6(1): 12-15) * Corresponding author
51. Chang, J (with Collins, A., Broeseker, A., Cummingham, J., Cortes, C., Beall, J., Bigham, A.) (2017) A Longitudinal Online Interprofessional Education Experience Involving Family Nurse Practitioner Students and Pharmacy Students (*Journal of Interprofessional Care*, 31(2):218-225)
50. Chang, J (with Ma, X., Park, C., Lin, H., Andrews, S.) (2017) Factors Associated with Physician Prescribing Behavior of Dipeptidyl Peptidase-4 Inhibitors for Type 2 Diabetes in the US Outpatient Population (*Journal of Hospital Administration*, 6(2):59-67) * Corresponding author
49. Chang, J (with Feng, X., Tan, X., Alenzi, E., Rai, P.) (2016) Spatial and Temporal Variations of Screening for Breast and Colorectal Cancer in the United States, 2008-2012 (*Medicine*, 95(51): e5656) * Corresponding author
48. Chang, J (with Patel, I., Balkrishnan, R., Suh, S.) (2016) Physician Payment Incentives and Associated Healthcare Utilization Outcomes in Medicaid Enrolled Asthmatic Children (*Indian Journal of Pharmaceutical Sciences*, 78(4): 443-451)
* First author
47. Chang, J (with Tan X., Feng, X., Higa, G., Leslie, D., Wang, L.) (2016) Oral Antidiabetic Drug Use and Associated Health Outcomes in Cancer Patients (*Journal of Clinical Pharmacy and Therapeutics*, 41(5): 524-531)
46. Chang, J (with Hester, C., Park, C., Chung, H., Balkrishnan, R., Feldman, S.) (2016) Medication Adherence Associated with Medicaid Enrolled Children and Adolescents using Acne Drugs for Acne Vulgaris treatment (*Pediatric Dermatology*, 33(1): 49-55) * Corresponding author
45. Chang, J (with Hall, K., Stewart, T., Freeman, M.) (2016) Characteristics of FDA Drug Recalls: A 30-Month Analysis (*American Journal of Health-System Pharmacy*, 73(4):235-240)
44. Chang, J (with Hughes, P., Waldrop, B.) (2016) Student Perception of and Performance in a Blended Foundational Drug Information Course (*Current in Pharmacy Teaching & Learning*, 8(3): 359-363)
43. Chang, J (with Patel, I., Tan, X., Balkrishnan, R.) (2016) Prescription to Over-the-Counter Switches in the United States (*Journal of Research in Pharmacy Practice*, 5(3): 149-154)
42. Chang, J (with Darekar, A., Patel, I., Clemons, M., Tan, X., Rana, R., Bhatia, D.) (2016) Dispensing Practices in India and United States (*Journal of Pharmacy Practice and Community Medicine*, 2(3): 60-64)
41. Chang, J (with Patel, I., Erickson, S., Caldwell, C., Bagozzi, R., Balkrishnan, R.) (2016) Predictors of Medication Adherence and Persistence in Medicaid Enrollees With Developmental Disabilities and Type 2 Diabetes (*Research in Social and Administrative Pharmacy*, 12(4): 592-603)
40. Chang, J (with Ahmad, A., Rarus, R., Tan, X., Guy, J., Lee, EK.) (2015) Investigation of Comparative Effectiveness Research (CER) in Asia, Europe, and North America (*Indian Journal of Pharmacology*, 47(6): 585-593) * Corresponding author

39. Chang, J (with Park, C., Kim, N., Shin, D., Feldman, S., Balkrishnan, R.) (2015) The Association of Physicians' Caring Attitude with Patient Satisfaction: An Analysis of the National e-Survey data (*Korean Journal of Hospital Management*, 20(2): 15-27) * Corresponding author
38. Chang, J (with Kim, S., Lee, GY.) (2015) Pre-exposure prophylaxis (PrEP) as HIV Prevention strategy and Public Health Implications (*International Research Journal of Pharmacy*, 6(4): 227-230) * Corresponding author
37. Chang, J (with Kim, S., Chung, H.) (2015) Barriers of Medication Adherence and Health Outcomes (*British Journal of Pharmaceutical Research*, 8(5): 1-5) * Corresponding author
36. Chang, J (with Tan, Xi, Marshall, V., Balkrishnan, R., Patel, I., Erickson, S.) (2015) Psychotropic Medication Adherence among Community-Based Individuals with Developmental Disabilities and Mental Illness (*Journal of Mental Health Research in Intellectual Disabilities*, 8: 1-22)
35. Chang, J (with Cho, N., Atems, B.) (2014) The Effect of Health Information Technology Adoption and Hospital-Physician Integration on Hospital Efficiency (*American Journal of Managed Care*, 20(11 Spec No. 17): eSP9-eSP15)
34. Chang, J (with Sean Kim) (2014) Trend of Male Circumcision and HIV prevention of heterosexually acquired HIV in a special population: South Korea (*Advances in Pharmacoepidemiology & Drug Safety*, 3:171) * Corresponding author
33. Chang, J (with Patel, I Ahmad, A) (2014) Can PharmDs be a valuable asset in Indian Rural Areas with physician shortages? (*Journal of Research in Pharmacy Practice*, 3(4): 109-111)
32. Chang, J (with Tan, Xi, Patel, I) (2014) Review of the four item Morisky Medication Adherence Scale (MMAS-4) and eight item Morisky Medication Adherence Scale (MMAS-8) (*Innovation in Pharmacy*, 5(3), 1-8) * Corresponding author
31. Chang, J (with Park, H., Tan, Xi, Patel, I., Reiff, A., Balkrishnan, B.) (2014) Racial health Disparities among special health care needs children with mental disorders – Do medical homes cater to their needs? (*Journal of Primary Care and Community Health*, 5(4), 253-262) * Corresponding author
30. Chang, J (with Schatz K., Chapman, J.) (2014) Examining the Impact of a Pharmacists Postpartum Counseling Service; Evidence from a University Hospital (*Innovations in Pharmacy*, 5(1), 1-6) * Corresponding author
29. Chang, J (with Freed, G., Prosser, L., Patel, I., Erickson, S., Bagozzi, R., Balkrishnan, R.) (2014) Comparisons of Healthcare Utilization Outcomes in Commercial vs. Medicaid-Enrolled Asthmatic Children (*Journal of Pediatric Health Care*, 28(1), 71-79) * First and corresponding author
28. Chang, J (with Park, C., Kim, G., Patel, I., Tan, Xi.) (2014) Improving Adherence to acne treatment: Emerging Role of Application Software (*Journal of Clinical, Cosmetic and Investigational Dermatology*, 7, 65-72) * Corresponding author

27. Chang, J (with Lee, S., Ko, J., Tan, X., Patel, I., Balkrishnan, R.) (2014) Markov Chain Modeling Analysis of HIV/AIDS Progression: A Race based Forecast in the United States (*Indian Journal of Pharmaceutical Sciences*, 76(2), 107-115)
* Corresponding author
26. Chang, J (with Tan, X., Patel, I., Balkrishnan, R.) (2013) Racial/Ethnic Disparities Associated with Medical Homes Among Children with ADHD (*Journal of Physical Therapy and Health Promotion*, 1(1), 25-35) * Corresponding author
25. Chang, J (with Freed, G., Prosser, L., Patel, I., Erickson, S., Bagozzi, R., Balkrishnan, R.) (2013) Associations between physician financial incentives and prescribing of anti- Asthmatic medications in children in US outpatient settings (*Journal of Child Health Care*, 17(2), 125-137) * First and corresponding author
24. Chang, J (with Tan, Xi., Dabagh, A., Davis, S., Lin, HC., Balkrishnan, R., Feldman, S.) (2013) Medication adherence, healthcare cost and utilization associated with acne drugs in the Medicaid enrollees with acne vulgaris (*American Journal of Clinical Dermatology*, 14(3), 243-251)
23. Chang, J (with Paz, H., LaClair, M., Hwang, W.) (2013) Effects of Integrated Delivery System On Cost and Quality of Care – Systematic Review (*American Journal of Managed Care*, 19(5): e175-e184)
22. Chang, J (with Kaminska, E., Patel, I., Dabade, T., Qureshi, A., O'Neill, J., Balkrishnan, R., Feldman, S) (2013). Comparing the lifetime risks of TNF- α inhibitor use to common benchmarks of risk (*Journal of Dermatological Treatment*, 24(2),101-6)
21. Chang, J (with Balkrishnan, R., Patel, I., Yang, F., Merajver, S.) (2013) Global Comparative Healthcare Effectiveness Research: Looking beyond the western hemisphere to Evaluate sustainable programs in low and middle resource settings (*Indian Journal of Medical Research*, 137(3), 494-501)
20. Chang, J (with Ahmad, A., Patel, I., Parimilakrishnan, P., Mohanta, G., Chung, H.) (2013) The Role of Pharmacoeconomics in current Indian health system (*Journal of Research in Pharmacy Practice*, 2(1): 3-9)
19. Chang, J (with Patel, M., Patel, I., Rarus, R., Srivastava, J., Ahmad, A., Balkrishnan, R.) (2012) Computerized Physician Order Entry (CPOE) Systems – An Introduction (*Journal of Pharmacy Research*, 5: 4962-4967) * Corresponding author
18. Chang, J (with Patel, I., Tan, X., Gladden, J., Ahmad, A., Balkrishnan, R) (2012), Electronic Prescribing – An Emerging Trend (*Indian Journal of Hospital Pharmacy*, 49, 127-133) * First author
17. Chang, J (with Tan, Xi, Balkrishnan, R., Feldman, S.) (2012) Review studies of topical Medication on medication Adherence (*Expert Opinion on Drug Delivery*, 9(10), 1263-1271)
16. Chang, J (with Sher, L., Patel, I., Balkrishnan, R., Fleisher, A) (2012), Relieving the pruritus of atopic dermatitis: a Meta-analysis (*Acta Dermato-Venerologica*, 92, 449-461)

15. Chang, J (with Patel, I., Suh, W., Lin, HC., Kim, S., Balkrishnan, R) (2012), Does state's budget cut matter for uncompensated care spending in hospital? Findings from Texas & California (*International Journal of Health Planning & Management*, 27(2), 88-103) * First author
14. Chang, J (with Patel, I., Srivastava, J., Balkrishnan, R) (2012). Effect of exercise on primary prevention of diabetes mellitus in African American women: A meta-analysis study (*Journal of Pharmacy Research*, 5(11), 5218-5223) * First author
13. Chang, J (with Patel, I., Srivastava, J., Balkrishnan, R) (2012), India's Progress towards the Health related Millennium Development Goals - HIV/AIDS (*Indian Journal of Pharmacy Practice*.5(1),1-6) * Corresponding author
12. Chang, J (with Patel, I., Balkrishnan, R) (2011), Critical review of A textbook of Pharmacy Practice (*Indian Journal of Pharmacology*, 43(5), 619-620)
11. Chang, J (with Patel, I., Srivastava, J., Liu, CM., Balkrishnan, R) (2011), Racial residential segregation and poor health outcomes in the U.S. – A myth or a reality? (*International Journal of Community Pharmacy*,4(3), 6-11)
10. Chang, J (with Patel, I., Srivastava, J., Liu, CM., Gaither, C., Balkrishnan, R) (2011), Sexual Identity and the Risk of HIV/AIDS: A look at MSMs in India (*Journal of Pharmacy In Practice*,1(2), 41-46) * Corresponding author
9. Chang, J (with Patel, I., Srivastava, J., Balkrishnan, R) (2011), India's progress towards The Health related Millennium Development Goals - Child Mortality (*Indian Journal of Pharmacy Practice*.4(4),9-13) * Corresponding author
8. Chang, J (with Patel, I., Srivastava, J., Balkrishnan, R) (2011), India's Progress towards The Health related Millennium Development Goals - Malaria and Tuberculosis (*Indian Journal of Pharmacy Practice*.4 (3), 1-6) * Corresponding author
7. Chang, J (with Patel, I., Srivastava, J., Balkrishnan, R) (2011), Mortality in the developing world – Can pharmacists intervene? (*Indian Journal of Pharmacy Practice*.4 (2), 1-9) * Corresponding author
6. Chang, J (with Patel, I., Srivastava, J., Feldman, S., Levender, M., Balkrishnan, R) (2011). Patients' satisfaction with obstetricians and gynecologists compared to other specialties: Analysis of U.S. self-reported survey data (*Patient Related Outcomes Measure*, 2, 21~26) * Corresponding author
5. Chang, J (with Patel, I., Liu,S., Ortega, A., Srivastava, J., Kirk, S., Balkrishnan, R) (2011). Disparities in health care utilization among Latino children suffering from asthma in California (*Pediatric Health, Medicine & Therapeutics*, 2, 1~8) * First and corresponding author
4. Chang, J (with Iaconi, A., Feldman, S., Balkrishnan, R) (2011). Toward continuous primary care in the US: Differences in patient satisfaction between first and return visits to primary care physicians: Analysis of DrScore – The National e-survey data (*Journal of Primary Care and Community Health*, 2(2), 127-132)

3. Chang, J (with Patel, I., Shenolikar, R., Balkrishnan, R) (2010), Medication adherence In low Income elderly type 2 diabetes patients: A retrospective cohort study. (*International Journal of Diabetes Mellitus. 2(2), 122~124*) *Co-First author
2. Chang, J (with Min, H., Balkrishnan, R) (2010). Sociodemographic risk factors of Diabetes and hypertension prevalence in South Korea. (*International Journal of Hypertension, vol.2010, Article ID 410794, 6 pages, 2010, doi:10.4061/2010/410794*)
1. Chang, J (with Balkrishnan, R., Patel, I) (2009), The Emerging role of pharmacoconomics in the Indian scenario. (*Indian Journal of Pharmacy Practice. 2(4), 1~6*)

Peer-Reviewed Book Chapter

Chang, J (with Davis, S., Tan, X., Feldman, S) (2016). Adherence in Acne, In Adherence in Dermatology, Springer International Publishing, ADIS Press, 77-99

Non-Peer-Reviewed Articles

2. Chang, J (2007). The Prevalence of diabetes and coronary heart failure and their associated socio-economic factors in U.S-Mexico border regions. Final Report for the Center for Community Health Development, The School of Rural Public health, Texas A&M Health Science Center
1. Chang, J (with Buckely,C.L., Bolin,J.N., Zuniga,M.A., Lee Buckley,S., Holleman, S, Challa, S.) (2006). Health related quality of life changes associated with revascularization procedures. Health Services Research Program, The School of Rural Public Health, Texas A&M Health Science Center

WORKS IN PROGRESS

16. Factors associated with breadth and depth of health information sharing in US hospital setting (with Naeun Cho & Kihoon Hong) Analyze the AHA data in 2014-2016 (*submitted to Risk Management and Health Policy*)
15. Direct medical expenditure and healthcare utilization for Hispanic patients with mental disorder in the US: Ana Analysis of 2013-2017 Medical Expenditure Panel Survey (with Jason Cho, & Jihaeing Heo) (*submitted to Journal of Health Economics and Outcomes Research*)
14. Factor Associated with Health-Related Quality of Life (HRQoL) among Hispanic mental disorder patients: An Analysis of the Medical Expenditure Panel Survey 2013-2017" (with Paulina Dominguez, Stephanie Falcon & Jihaeng Heo) Analyze the MEPS data in 2013-2017 (*submitted to International Journal of Clinical Psychiatry and Mental Health*)
13. Diabetes mellitus self-management interventions in Latino adults in the United States – the Role of Pharmacists (with Isha Patel & Rajesh Balkrishnan) Analyze findings from a study of 60 literature reviews (*submitted to Pharmacy*)

12. Racial Disparity in Healthcare Utilization and Costs in Pharmacologically Treated Medicaid Enrollees with Developmental Disabilities and Type 2 Diabetes (with Isha Patel, & Rajesh Balkrishnan) Analyze the MarketScan Medicaid in 2003-2004 (*submitted to International Journal of Developmental Disabilities*)
11. Effects of low Income on 5-year mortality middle-aged men with hepatocellular carcinoma in Korea: A multi-level population health nationwide study" (with SunJung Kim, Eun-Cheol Park & Kyu-Tae Han) (*Submitted to Risk Management & Healthcare Policy*)
10. Healthcare Expenditures Associated with Naloxone Use among Opioid Users with Chronic Nonmalignant Pain" (with Hyeun Ah Kang) Analyze the MEPS data in 2012-2015 (*submitted to Medicine*)
9. Acne Drug Therapy and the Development of Major Depressive Disorder in Patients with Acne" (with Hyeun Ah Kang) Analyze the Texas Medicaid data in 2010-2014 (*submitted to BMJ Open*)
8. Hyperlipidemia and Health Related Quality of Life (HRQoL); Evidence from the U.S. Hispanic Population" (with Lorenzo Mendoza, Chanhyun Park) Analyze the MEPS data in 2014-2015 (*submitted to Pharmacy*)
7. The Association of Mental Disorders with Surgical Outcomes among Women Undergoing Hysterectomy for Cervical Cancer" (with Chanhyun Park, SunJung Kim) Analyze the NIS data in 2010-2014 (*submitted to BMJ Open*)
6. The Association of Comorbid Anxiety and Mood Disorders with Health-related Quality of Life Among Breast Cancer Survivors" (with Dima Huneidi, Chanhyun Park) Analyze the MEPS data in 2012 (*submitted to Journal of Patient Related Measure Outcomes*)
5. Examine the Direct Healthcare Costs of Uterine Cancer in the U.S." (with Adam Bishop, Courtney Bishop, Chanhyun Park) Analyze the MEPS data from 2008-2012 (*submitted to International Journal of Health Sciences and Research*)
4. Meta analytic comparison of breast cancer risk in diabetic women: Important Differences between Asian and Caucasian women suggest risk management strategies" (with Harsh Patel & Sean Kim). Analyzes findings from a study of 30 literature reviews (*submitted to Breast Cancer Research and Treatment*)
3. Assessing the Quality of Pharmacist Services in the Patient-Centered Medical Home (PCMH)" (with Xi Tan, Isha Patel, Rajesh Balkrishnan, Steven Erickson). Analyze findings from a study of 35 literature reviews (*submitted to Journal of American Pharmacist Association*)
2. Systemic review and meta-analysis of prevalence of BRCA1 and BRCA2 germline mutations for women in Asia" (with Carol Strong, Bhoom Suktitipat, Hee-Soon Juon, Isha Patel). Analyze findings from a study of 48 literature reviews (*submitted to Cancer Cause and Control*)

1. Cost-effectiveness analysis of CPOE: Meta-Analysis Approaches” (with Isha Patel & Rajesh Balkrishnan). Analyzes findings from a study of 300 literature reviews (*submitted to Indian Journal of Pharmacology*)

FUNDED RESEARCH / GRANT APPLICATIONS

12/1/17 – 12/31/18

UTEP-SKU Educational Grant; Grant No. 226900233A
Development of a dual bachelor’s degree in UTEP-SKU
Role: Co-PI
\$270,140 – Funded (Completed)

9/1/18 – 8/31/19

Paso Del Norte Health Foundation; Grant No. 226811487A
The Association of comorbid anxiety and mood disorders with health-related quality of life (HRQoL) among U.S. chronic disease (Hypertension, Hyperlipidemia & Diabetes) patients
Role: PI
\$10,000 – Funded (Completed)

4/1/20 – 3/31/23

National Cancer Institute (NCI)
Support for Competitive Research (SCORE) program
Pain Management of Ovarian Cancer in Medicare Beneficiaries
Role: PI
\$300,000 – Unfunded

2/1/20 – 1/31/21

Border Biomedical Research Center (BBRC)
Population-Based Health Disparity Research of Breast Cancer Treatment Use among Medicare Beneficiaries
Role: PI
\$50,000 - Unfunded

7/1/17 – 6/30/19

American Association for Cancer Research (AACR)
Pain Medication Use and Outcomes in Patients with Pancreatic Cancer on the US-Mexico Border
Role: PI
\$160,000 – Unfunded

6/1/18 – 5/31/23

National Institute of Health (NIH) – U54

Collaborative effort of University of Texas at El Paso (UTEP) Informatics and Texas Tech University HSC El Paso Office of Clinical Informatics to address health outcomes and disparities in the El Paso region

Role: Co-I

\$3,000,000 – Unfunded

6/1/18 – 5/31/20

National Science Foundation (NSF) – STEM NRT

Center for Advance 3D printing and Nutrition training

Role: Co-PI

\$240,000 - Unfunded

COMPETITIVE AWARDS

P3 Teacher of the Year, University of Texas, School of Pharmacy 2020

Scholar Award, McWhorter School of Pharmacy, 2015

Good Poster Award, Global Breast Cancer Conference, 2011

Horace H. Rackham Travel Grant in the University of Michigan (2008, 2009, 2010 & 2011)

Research Grant, The Center for Community Health Development in TAMU, 2006

REFEREED CONFERENCE PRESENTATIONS

34. Chang, J (with Kim, S., Oh, K., Kim, S.) Cost-Effectiveness of Pharmacogenetic-Guided Warfarin Dosing in Atrial Fibrillation Patients in a Randomized Clinical Trial: A Systematic Review, Maryland Pharmacist Association (MPhA), Baltimore, MD, February 2020

33. Chang, J (with McKay, C., Park, C., Brackvill, M., Kim, S.) Pharmacist-led Transition of Care Service For Congestive Heart Failure Patients & All-cause 30-day Readmission Rates, Academy of Managed Care Pharmacy (AMCP) Annual Nexus 2019, National Harbor, MD October 2019

32. Chang, J (with Riley, E., Park, C., Kim, S.) Associating Hyperlipidemia, A Modifiable Health Condition, and Concurrent Comorbidities to Health Related Quality of Life, Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), New Orleans, LA, May 2019

31. Chang, J (with Song, I.) Effects of Increase in Pre-sale apartments on the Housing market: Focus on the Korea Case, Poster Presentation, American Real Estate Society 35th Annual Meeting (ARES), Paradise Valley, AZ, April 2019

30. Chang, J (with Feng, X., Higa, G., Safarudin, F., Sambamoorthi, U., Tan, X.) Prevalence and Factors associated with Potentially Inappropriate Medication Use in Older Medicare Beneficiaries with Cancer, Poster Presentation, American Association for Cancer Research (AACR), Maui, HI, February 2019

29. Chang, J (with McKay, C., Park, C., Brackbill, M., Kim, SH.) Systematic Review and Meta-Analysis of Pharmacist-led Transitions of Care on the All-Cause 30-day Readmission Rate of Patients with Congestive Heart Failure, Poster Presentation, American Society of Health-System Pharmacist (ASHP) Midyear and Clinical Meeting, Anaheim, CA, December 2018
28. Chang, J (with Kim, DJ., Han, KT., Kim, SJ., Kim, SJ.) Association of Individual and Regional Level Factors with Stomach Cancer Survival Using 12 years of NHIS National Sample Cohort Data, Academy Health, Seattle, WA, June 2018
27. Chang, J (with Kim, N., Kim, J., Yue, G., Eo, J.) Extracellular Matrix Decellularization with Enzyme Reaction Kinetics, Poster Presentation, Material Research Society (MRS), Phoenix, AZ, April 2018
26. Chang, J (with Aditya, A., Tseng, T., Michel, M., Koyani, R., Kim, N.) Production of Dissolving Collagen Microneedles, Poster Presentation, Material Research Society (MRS), Phoenix, AZ, April 2018
25. Chang, J (with Jung, H.) Mental Health Care Needs in Subsidized Housing: What it Takes to Build a Mental Health Supporting Community, Podium Presentation, Society for Social Work and Research (SSWR), Washington D.C, January 2018
24. Chang, J (with Patel, I.) Diabetes Mellitus Self-Management Interventions in Latino Adults in the United States – The Role of Pharmacists, Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Glasgow, Scotland, November 2017
23. Chang, J (with Ryu, Y., Kim, S., Cho, S.) Prescription Drug Paradox: Cost Analysis of Canadian Online Pharmacies versus US Medicare Beneficiaries for Top 100 Drugs, Poster Presentation, Academy of Managed Care Pharmacy (AMCP) Annual Nexus conference, Dallas, TX October 2017
22. Chang, J (with Ma, X., Park, C., Lin, H., Andrews, S.) Factors Associated with Physician Prescribing Behavior of Dipeptidyl Peptidase-4 (DPP-4) Inhibitors for Type 2 Diabetes in the US Outpatient Population, Poster Presentation, Academy of Managed Care Pharmacy (AMCP) Annual Conference, Denver, CO, April 2017
21. Chang, J (with Feng X., Tan X.) Spatial and Temporal Variations of Screening for Breast and Colorectal Cancer in the United State, 2008-2012, Poster Presentation, Conference on Geospatial Approaches to Cancer Control and Population Sciences, National Cancer Institute (NCI), Bethesda, MD, September 2016
20. Chang, J (with Cho, N.) The Effects of Information Sharing in Health IT Systems on Hospital Efficiency, Podium Presentation, Academy of Management, Anaheim, CA August 2016
19. Chang, J (with Patel, I.) Investigation of Comparative Effectiveness Research (CER) in Asia, Europe, and North America, Poster Presentation, American Association of Clinical Pharmacy (AACCP), National Harbor, MD, July 2015

18. Chang, J (with Patel, I., Erickson, S. Balkrishnan, R.) Racial Disparities in Type 2 Diabetes Healthcare Utilization in Medicaid Adults with Developmental Disabilities, Study Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Amsterdam, Netherlands, November 2014
17. Chang, J (with Chloe, S., Park, C., Tan, X.) Medication Adherence in Children and Adolescents with Acne Vulgaris, Poster Presentation, Academy of Managed Care Pharmacy (AMCP) Nexus Conference, Boston, MA, Oct 2014
16. Chang, J (with Park, C., Kim, N., Chung, J., Feldman, S., Balkrishnan, R.) Patients' Perceptions of Physicians' Caring Attitude is the Critical Factor in Determining Patient Satisfaction, Study Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Montreal, Canada, May 2014
15. Chang, J (with Patel, I., Erickson, S. Balkrishnan, R.) Racial Disparities in Type 2 Diabetes Medication Adherence in Medicaid Adults with Developmental Disabilities, Study Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Montreal, Canada, May 2014
14. Chang, J (with Park, C., Tan, X., Patel, I., Reiff, A., Balkrishnan, R.) Racial Health Disparities among Special Health Care Needs Children with Mental Disorder – Do Medical Homes cater to their needs?, Poster Presentation, American Managed Care Pharmacy (AMCP) Nexus Conference, San Antonio, TX, Oct 2013
13. Chang, J (with Tan, X., Patel, I., Balkrishnan, R.) Immune Reconstitution Inflammatory Syndrome (IRIS) Incidence in patients starting Antiretroviral Therapy (ART) Earlier versus Later during Tuberculosis (TB) Therapy: A Systemic Review and Meta-Analysis of Cohort Studies, Study Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Taipei, Taiwan, September 2012
12. Chang, J (with Sher, L., Patel, I., Balkrishnan, R., Fleisher A.) Relieving the Pruritus of Atopic Dermatitis: A Meta-Analysis, Study Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Washington D.C., June 2012
11. Chang, J (with Patel, I., Kim, HJ., Kim, BY., Chang, MH., Balkrishnan, R.) Impact on Health Care Utilization and Medication Adherence in Asthmatic Children Enrollees: Medicaid Payment System Poster Presentation, 139th American Public Health Association (APHA), Washington D.C., October 2011
10. Chang, J (with Patel, I., Merajver, S., Balkrishnan, R.) Meta Analytic Comparison of Breast Cancer Risk in Diabetic Women: Important Differences between Asian and Caucasian Women suggest Risk Management Strategies Poster Presentation, 3rd Global Breast Cancer Conference, Seoul, South Korea, October 2011
9. Chang, J (with Patel, I., Kwon, I., Kim, BY., Balkrishnan, R.) Meta-Analysis of the Impact of Health Information Technology on Medication Safety in Hospitals: An Interrupted Time Series Study Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Baltimore, MD, May 2011

8. Chang, J (with Patel, I., Kirk, S., Kim, BY., Balkrishnan, R.) Are Racial Healthcare Disparities in Healthcare Access and Utilization Apparent or Evident – A Look at the Latino Children Suffering from Asthma? Poster Presentation, 138th American Public Health Association (APHA), Denver, CO, November 2010
7. Chang, J (with Min, H.) Family Composition and Children’s Obesity in the South Korea. Podium Presentation, 41th Annual Meeting of Southern Demographic Association, Knoxville, TN, October 2010
6. Chang, J (with Kim, SJ., Patel, I., Balkrishnan, R.) State’s Budget Cut Matters for Uncompensated Care Spending in Hospitals? Poster Presentation, AcademyHealth, Boston, MA, June 2010
5. Chang, J (with Iaconi, A., Feldman, S. Balkrishnan, R.) Examination of the Differences in Patient Satisfaction between First Visit and Return Visits: Analysis of a USA Self-Reported Survey Data. Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Atlanta, GA, May 2010
4. Chang, J (with Patel, I., Feldman, S., Balkrishnan, R.) Patient Satisfaction Comparison between Pediatricians and Other PCPs: A Multilevel Cross-National Web Based Survey Study. Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Atlanta, GA, May 2010
3. Chang, J (with Min, H., & Chang, J. Social and Demographic Factors Associated with Diabetes and Hypertension in Korea: Multinomial Logit Model. Podium Presentation, 40th Annual Meeting of Southern Demographic Association, Galveston, TX, October 2009
2. Chang, J (with Patel, I., Shenolikar, R.A., Balkrishnan, R.) Medication Adherence in Low Income Elderly Type 2 Diabetes Patients: A Retrospective Cohort Study. Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Paris, France, October 2009
1. Chang, J (with Patel, I., Feldman, S., Balkrishnan, R.) Patient Satisfaction and Perceived Care in Obstetricians and Gynecologists Compared to Other Specialties: Analysis of US Self-Reported Survey Data. Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Orlando, FL, May 2009

STUDENT ADVISING EXPERIENCES

2020 Donald Williams-Gutierrez, PhD student (IHS program)
 Juana Roman, PhD student (HIS program)
 Sarah Garcia, PharmD student (P4)
 Yvette Olivas, PharmD student (P4)
 Babette Pedregon, PharmD student (P4)
 Elizabeth Riley, PharmD student (P4)
 Elizabeth Riley, PharmD Capstone project
 Matthew Macias, PharmD Capstone project

Lorenzo Mendoza, PharmD Capstone project
Marie Angayen, PharmD student (P3)
Chris Monzon, PharmD student (P3)
Murudula Raparla, PharmD student (P3)
Fernando Zambrana, PharmD student (P3)
Marie Angayen, PharmD Capstone project
Chris Monzon, PharmD Capstone project
Murudula Raparla, PharmD Capstone project
Susana Lopez, PharmD Capstone project
Natalie Ferenandez, PharmD student (P2)
Marietta Nicholas, PharmD student (P2)
Jason Cho, PharmD student (P2)
Paulina Dominguez, PharmD Capstone project
Stephanie Falcon, PharmD Capstone project
Jason Cho, PharmD Capstone project
Mar Medina, PharmD student (P1)
Caitlyn Lucore, Undergraduate student

2019 Donald Williams-Gutierrez, PhD student (IHS program)
Juana Roman, PhD student (HIS program)
Sarah Garcia, PharmD student (P3)
Yvette Olivas, PharmD student (P3)
Babette Pedregon, PharmD student (P3)
Elizabeth Riley, PharmD Capstone project
Matthew Macias, PharmD Capstone project
Lorenzo Mendoza, PharmD Capstone project
Marie Angayen, PharmD student (P2)
Chris Monzon, PharmD student (P2)
Murudula Raparla, PharmD student (P2)
Fernando Zambrana, PharmD student (P2)
Marie Angayen, PharmD Capstone project
Chris Monzon, PharmD Capstone project
Murudula Raparla, PharmD Capstone project
Susana Lopez, PharmD Capstone project
Natalie Ferenandez, PharmD student (P1)
Marietta Nicholas, PharmD student (P1)
Jason Cho, PharmD student (P1)

2018 Donald Williams-Gutierrez, PhD student (IHS program)
Jinwook Hong, PhD student
Sarah Garcia, PharmD student (P2)
Yvette Olivas, PharmD student (P2)
Babette Pedregon, PharmD student (P2)
Elizabeth Riley, PharmD Capstone project
Matthew Macias, PharmD Capstone project
Lorenzo Mendoza, PharmD Capstone project
Marie Angayen, PharmD student (P1)
Natalie Ferenandez, PharmD student (P1)
Chris Monzon, PharmD student (P1)
Murudula Raparla, PharmD student (P1)
David Martinez, Master's student
Sandra Beltran, Master's student

2017 Donald Williams-Gutierrez, PhD student (IHS program)
Sarah Garcia, PharmD student
Yvette Olivas, PharmD student

Babette Pedregon, PharmD student
Rahulkumar Bhoi, Master's student

- 2015** Dr. Minyoung Sung, Doctor of Pharmacy, 2014-2015 (Pharm.D. Project)
Dr. Chloe Sloan, Doctor of Pharmacy, 2014-2015 (Pharm.D. Project)
Dr. Ginn Rachael Christina, Doctor of Pharmacy, 2014-2015 (Pharm.D. Project)
- 2014** Dr. Kristina Schatz, Doctor of Pharmacy, 2013-2014 (Pharm.D. Project)
Dr. Isha Patel, Doctor of Philosophy. 2011-2014 (Ph.D. dissertation)

INVITED SEMINARS

- 2020** School of Pharmacy, SUNY - University at Buffalo, Buffalo, NY
School of Dental Medicine, Boston University, Boston, MA
Department of Public Health Sciences, University of North Carolina, Charlotte, NC
- 2019** School of Pharmacy, Pusan National University, Pusan, Korea
School of Pharmacy, Dongguk University, IISan, Korea
Dept. of Health Management and Policy, Soonchunhyang University, Asan, Korea
Department of Microbiology, Chungbuk National University, Chungju, Korea
School of Community & Rural Health, University of Texas HSC, Tyler, TX
- 2016** College of Pharmacy, Idaho State University, Meridian, ID
College of Health Sciences, D'Youville College, Buffalo, NY
College of Health Sciences, CUNY - Lehman College, Bronx, NY
School of Pharmacy, University of Texas, El Paso, TX
- 2015** College of Pharmacy, Mercer University, Atlanta, GA
School of Pharmacy, Marshall University, Huntington, WV
School of Pharmacy, Philadelphia College of Osteopathic Medicine, Atlanta, GA
- 2014** Korea United Pharmaceuticals Inc, Seoul, Korea
AbbVie, Seoul, Korea
- 2013** Department of Public Health Sciences, University of Rochester, Rochester, NY
School of Pharmacy, University of the Sciences in Philadelphia, Philadelphia, PA
Division of Health Policy, Oregon State University, Corvallis, OR
McWhorter School of Pharmacy, Samford University, Birmingham, AL
School of Pharmacy, University of Nebraska Medical Center, Omaha, NE
- 2012** School of Pharmacy, Howard University, Washington D.C.
School of Pharmacy, Nova Southeastern University, Fort Lauderdale, FL
College of Pharmacy, University of Houston, Houston, TX
School of Pharmacy, West Virginia University, Morgantown, WV
Department of Health Management, St. Mary Catholic University, Seoul, Korea
Dept. of Global Healthcare Management, Gachon University, SungNam, Korea
School of Pharmacy, Sung Kyun Kwan University, Suwon, Korea
Department of Health Management and Policy, Yonsei University, Seoul, Korea
IMS Health, Seoul, Korea
- 2011** Department of Public Health Sciences, Penn State University, Hershey, PA
Irma Lerma Ranger College of Pharmacy, Texas A&M University, Kingsville, TX
School of Pharmacy, Sookmyung Women's University, Seoul, Korea

PROFESSIONAL SOCIETIES

International Society for Pharmacoeconomics and Outcomes
(ISPOR) American Managed Care Pharmacy (AMCP)
American Association of Colleges of Pharmacy (AACP)
American Public Health Association
(APHA) AcademyHealth

PROFESSIONAL SERVICE & ACTIVITIES

For the University of Texas at El Paso (UTEP)

Executive Committee member of IHS PhD program – UTEP 2019~2020
Committee member of Data Science – UTEP 2019~2020
Faculty Senate (Alternative member) – UTEP 2019~
Section leader – Triple Jump Exam (Closed Book section) – School of Pharmacy 2019
Committee member of Student Excellence Team – School of Pharmacy 2016~2020
Committee member of Research & Scholarship – School of Pharmacy 2016~2018
Committee member of Curriculum – School of Pharmacy 2016~2017, 2020~
Committee member of Progression – School of Pharmacy 2018~
Committee member of Faculty Excellence Team 2020~
Committee member of Milestone Exam – School of Pharmacy 2018
Committee member of Milestone Exam – School of Pharmacy 2019
Committee member of Assessment – School of Pharmacy 2017~2018
Committee member of Curriculum – School of Pharmacy 2016~2017
Ad Hoc Review Committee member for Promotion & Tenure Guideline of ACPE 2018
Faculty Search Committee member of Pharm. Ad – School of Pharmacy 2017
Faculty Search Committee member of Pharm. Ad – School of Pharmacy 2019

For Academic Community

Associate Editor: Journal of Research in Pharmacy Practice 2020~

Editorial Board: Research in Social and Administrative Pharmacy 2021~
Medicine 2014~
Clinical Drug Investigation 2019~
International Journal of Clinical Psychiatry and Mental Health 2020~
Current Clinical Pharmacology 2020~
Drug, Health Care and Patient Safety 2019~
Risk Management and Healthcare Policy 2019~
Pharmacy 2018~
Journal of Hospital Administration 2017~
International Journal of Healthcare 2017~
Journal of General Practice 2013 ~
Health Care; Current Review 2013 ~
Journal of Pharmacy and Pharmacology 2014~
Studies in Sociology of Science 2014 ~
Archives of Pharmacy Practice 2014 ~
EC Pharmaceutical Science Journal 2014 ~
Advances in Pharmacoeconomics & Drug Safety 2014 ~
Business & Management Review 2014 ~
International Journal of Research in Pharmacy and Biosciences 2014 ~
British Journal of Pharmaceutical Research 2015~
SM Journal of Community Medicine 2015~
International Journal of Clinical Therapeutics and Diagnosis 2015~

Journal of Psychiatry 2015~
International Research Journal of Pharmacy 2015~
International Journal of Health Sciences and Research 2015~
National Journal of Physiology, Pharmacy and Pharmacology 2015~
Mental Health Family Medicine 2015~
Journal of Pharmacy Practice & Health Care 2015~
International Journal of Pharmaceutical & Clinical Research 2015~

Advisory Board: Journal of Pharmacy Research 2012 ~

Reviewer: Archives of Dermatology 2010 ~
Clinical Therapeutics 2010 ~
American Journal of Managed Care 2011 ~
Journal of Health Care for the Poor and Underserved 2011 ~
Social Science & Medicine 2012 ~
Journal of Child Health Care 2012 ~
Journal of Adolescent Health 2013 ~
PLOS One 2013 ~
Journal of General Practice 2013 ~
BMC Public Health 2013 ~
BMC Health Services Research 2014 ~
International Journal of Health Planning and Management 2013 ~
Journal of Research in Pharmacy Practice 2014~
Journal of Pharmacy and Pharmacology 2014~
Journal of Pharmaceutical Health Services Research 2014 ~
Journal of Primary Care & Community Health 2014 ~
Journal of Managed Care & Specialty Pharmacy 2014~
American Health & Drug Benefit 2014~
BMJ Open 2014~
Expert Review of Pharmacoeconomics & Outcomes Research 2014~
Business & Management Review 2014~
Innovation in Pharmacy 2015~
Journal of the American Pharmacists Association 2015~
Drugs - Real World Outcomes 2015~
Journal of Hospital Administration 2016~
Cancer Causes & Control 2017~
Clinical Drug Investigation 2017~
American Journal of Preventive Medicine 2017~
International Journal of Dermatology 2017~
Basic & Clinical Pharmacology & Toxicology 2018~
BioDrugs 2018~
ClinicoEconomics and Outcomes Research 2018~
Pharmacoepidemiology and Drug Safety 2018~
Research in Social and Administrative Pharmacy 2019~
International Journal of Environmental Research and Public Health 2020~
Diabetes, Obesity and Metabolism 2020~
Pharmacotherapy 2020~
Cancer Epidemiology 2020~
AIDS Care 2020~
Journal of the American Geriatrics Society 2020~
Journal of Multidisciplinary Healthcare 2020~
International Journal of Health Policy and Management 2020~

American Public Health Association (APHA), Research Abstract Review Committee of
Maternal and Child Health Section 2012~

American Public Health Association (APHA), Research Abstract Review Committee of Medical Care Section 2014 ~

Academy of Managed Care Pharmacy (AMCP), Research Abstract Review Committee 2014~

International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Research Abstract Review Committee 2015~

Academy of Management (AOM), Research paper review committee of Health Care Management / Technology & Innovation Management 2019~

American Association of Colleges of Pharmacy (AACP), Research paper review committee of Social & Administrative Sciences 2020~

American Association of College of Pharmacy (AACP) SAS section, Committee member of Task Force on Gender Equity 2020~

Pharmacy Health Information Technology Collaborative, Value Set Committee member (AACP representative member) 2020~2022

For Non-University of Texas at El Paso

Committee Member of IRB – Samford University

Committee Member of Student Affairs – School of Pharmacy

Faculty Advisor – AMCP Student Chapter – School of Pharmacy

Faculty Search Committee Member of Ambulatory Care – School of Pharmacy

Committee Member of Student Scholarship – School of Pharmacy

Faculty Search Committee Member of Chair, Health Administration & Policy – College of Health Sciences

PERSONAL

Citizenship: South Korea, US Permanent Resident