

JONGWHA CHANG

Department of Pharmacy Practice
School of Pharmacy
University of Texas
500 West University Ave • El Paso • TX • 79968
Phone: (915) 747-8241 • Email: jchang@utep.edu

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 ~

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

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, McWhorter 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

Graduate Research Assistant, Center for Medication Use, Policy and Economics, The University of Michigan, College of Pharmacy, Ann Arbor, MI, 2009-2011

Graduate Student Instructor, The University of Michigan, College of Pharmacy, Ann Arbor, MI 2009-2010

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

Graduate Research Assistant, Texas A&M University Health Science Center, School of Rural Public Health, College Station, TX, 2005-2007

Graduate Teaching Assistant, Texas A&M University Health Science Center, School of Rural Public Health, College Station, TX, 2006-2007

Research Assistant, University of Alabama, School of Health Related Profession, Birmingham, AL, 2004-2005

TEACHING

Spring 2015 Population health (Required 1st year Pharm.D students' core course in Social and Administrative Sciences, 126 students; 4.71 out of 5.0)

Fall 2014 Financial Management (Required 2nd year Pharm.D students' core course in Social and Administrative Sciences, 125 students; 4.73 out of 5.0)

Spring 2014 Population Health (Required 1st year Pharm.D students' core course in Social and Administrative Sciences, 128 students; 4.7 out of 5.0)

Fall 2013 Financial Management (Required 2nd year Pharm.D students' core course in Social and Administrative Sciences, 112 students; 4.3 out of 5.0)

Fall 2010 Managing the Medication Use System (Required 3rd year Pharm.D students' core course in Social and Administrative Sciences, 69 students)

Winter 2010 Health Law and Ethics (Required 3rd year Pharm.D students' core course in Social and Administrative Sciences, 77 students)

Fall 2009 Managing the Medication Use System (Required 3rd year Pharm.D students' core course in Social and Administrative Sciences, 77 students)

Spring 2007 Managerial Accounting (Required 2nd year Master students' core course Health Policy and Management, 26 students)

Fall 2007 Introduction to Healthcare Finance (Required 1st year Master students' core course Health Policy and Management, 29 students)

Spring 2006 Introduction to Healthcare Finance (Required 1st year Master students' core course Health Policy and Management, 30 students)

PUBLICATIONS

Peer-Reviewed Articles

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, Accepted*) * Corresponding author

Chang, J (with Cho, N., Atems, B., Ke, W.) (2016) How Does Electronic Health Information Exchange Affect Hospital Performance Efficiency? The Effects of Breadth and Depth of Informational Sharing (*Journal of Healthcare Management, Accepted*)

- 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
- 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): 524-31)
- 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
- 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)
- 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)
- 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, Accepted*)
- 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)
- Chang, J (with Patel, I., Erickson, S., Caldwell, C., Woolford, S., Bagozzi, R., Balkrishnan, R.) (2015) Predictors of Medication Adherence and Persistence in Medicaid Enrollees with Developmental Disabilities and Type 2 Diabetes (*Research in Social and Administrative Pharmacy, Accepted*)
- 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, Accepted*) * Corresponding author
- 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
- 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
- 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
- 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)
- 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)

- 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 Pharmacoeconomics & Drug Safety, Accepted*) * Corresponding author
- 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, Accepted*)
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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*)
- 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*)
- 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*)

- 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*)
- 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*)
- 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, Accepted*) * Corresponding author
- 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
- 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*)
- 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*)
- 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
- 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
- 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
- Chang, J (with Patel, I., Balkrishnan, R) (2011), Critical review of A textbook of Pharmacy Practice (*Indian Journal of Pharmacology, 43(5), 619-620*)
- 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*)
- 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
- 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
- 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

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

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

Chang, J (with Patel, I., Liu,S., Ortega, A., Srivastava, J., Park, YS., 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

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*)

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

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*)

Chang, J (with Balkrishnan, R., Patel, I) (2009), The Emerging role of pharmacoeconomics in the Indian scenario. (*Indian Journal of Pharmacy Practice. 2(4), 1~6*)

Non-Peer-Reviewed Articles

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

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

“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*)

“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*)

“Association of Race and Medication Adherence with Healthcare Utilization in Medicaid Enrollees with Developmental Disabilities and Type 2 Diabetes” (with Isha Patel, Steven Erickson, Cleopatra Caldwell, Susan Woolford, Richard Bagozzi, Rajesh Balkrishnan)

- Analyze the MarketScan Medicaid from 2004-2007 (*submitted to American Journal on Intellectual and Developmental Disabilities*)
- “Effects of Health Information Technology Implementation of Hospital Efficiency: The Role of Deployment Configuration Strategies” (with Naeun Cho, Bebonchu Atem) Analyze the AHA and AHA-IT dataset (*submitted to American Journal of Managed Care*)
- “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*)
- “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*)
- “Healthcare Costs and Utilization Associated with Medicaid Enrolled Children and Adolescents with Acne Drugs for Acne Vulgaris treatment” (with Minyoung Sung, Chanhyun Park, Janice Chung, Xi Tan). Analyze the Marketscan Medicaid from 2004-2007 (*submitted to Journal of Clinical Pharmacy and Therapeutics*)
- “Examine the Physician’s Prescribing Behavior of Newly Approved Anti-Diabetic Medications – Dipeptidyl Peptidase-4 (DPP-4) in Diabetic Patients in U.S. Outpatient Settings” (with Christina Rachael Ginn, Chanhyun Park, Hsien-Chang Lin). Analyze the NAMCS dataset from 2006-2010 (*submitted to Medicine*)
- “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*)
- “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*)
- “Patient satisfaction comparisons between pediatricians and other PCPs” (with Isha Patel & Rajesh Balkrishnan). Analysis of Multilevel Cross-National Web Based Survey Study (*submitted to Journal of Patient Related Outcome Measures*)

GRANT APPLICATIONS

Principal Investigator. “Pain Medication Use and Outcomes in Patients with Pancreatic Cancer on the US-Mexico Border.” Submitted to American Association for Cancer Research (AACR). \$160,000, Total project costs (2017-2019)

COMPETITIVE AWARDS

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 Texas A&M University, 2006

REFEREED CONFERENCE PRESENTATIONS

- Chang, J., & Park, C. Examining the Sociological Influences on Physician Prescribing Behavior of Type 2 Diabetic Medications in US Outpatient Setting. International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Milan, Italy, November 2015
- Patel, I., & Chang, J. 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
- Patel, I., Erickson, S., Chang, J., & 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
- Chloe, S., Park, C., Tan, X., Chung, J., Chang, J. Medication Adherence in Children and Adolescents with Acne Vulgaris, Poster Presentation, American Managed Care Pharmacy (AMCP) Nexus Conference, Boston, MA, Oct 2014
- Park, C., Kim, N., Chung, J., Feldman, S., Balkrishnan, R., & Chang, J. 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
- Patel, I., Erickson, S., Chang, J., & 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
- Park, C., Tan, X., Patel, I., Reiff, A., Balkrishnan, R., & Chang, J. 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
- Tan, X., Chang, J., 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
- Sher, L., Chang, J., 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
- Chang, J., 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
- Chang, J., 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

Chang, J., 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

Chang, J., 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

Min, H., & Chang, J. Family Composition and Children's Obesity in the South Korea. Podium Presentation, 41th Annual Meeting of Southern Demographic Association, Knoxville, TN, October 2010

Chang, J., Kim, SJ., Patel, I., & Balkrishnan, R. State's Budget Cut Matters for Uncompensated Care Spending in Hospitals? Poster Presentation, AcademyHealth, Boston, MA, June 2010

Iaconi, A., Chang, J., 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

Chang, J., 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

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

Patel, I., Chang, J., 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

Patel, I., Chang, J., 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

2015 Dr. Minyoung Sung, Doctor of Pharmacy, 2014-2015 (Pharm.D. Thesis Project)
Dr. Chloe Sloan, Doctor of Pharmacy, 2014-2015 (Pharm.D. Thesis Project)
Dr. Ginn Rachael Christina, Doctor of Pharmacy, 2014-2015 (Pharm.D. Thesis Project)

2014 Dr. Kristina Schatz, Doctor of Pharmacy, 2013-2014 (Pharm.D. Thesis Project)
Dr. Isha Patel, Doctor of Philosophy. 2011-2014 (Ph.D. dissertation)

INVITED SEMINARS

- 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
Department 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 (AACCP)
American Public Health Association (APHA)
AcademyHealth

PROFESSIONAL SERVICE & ACTIVITIES

For the University of Texas at El Paso

Committee member of Curriculum – School of Pharmacy 2016~
Committee member of Student Excellence Team – School of Pharmacy 2016~
Committee member of Assessment – School of Pharmacy 2016~

For Academic Community

Editorial Board: Medicine 2014~
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 Pharmacoepidemiology & 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~

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

American Public Health Association (APHA), Abstract Reviewer of Medical Care Section 2014 ~

Academy of Managed Care Pharmacy (AMCP), Abstract Reviewer 2014~

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

For Samford University

Committee Member of IRB – Samford University

Committee Member of Student Affairs – McWhorter School of Pharmacy

Faculty Advisor – AMCP Student Chapter – McWhorter School of Pharmacy

Faculty Search Committee Member of Ambulatory Care – McWhorter School of Pharmacy

Committee Member of Student Scholarship – McWhorter School of Pharmacy

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

PERSONAL

Citizenship: South Korea, US Permanent Resident