

SCOTT B. ROBINSON

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EDUCATION

University of North Carolina Charlotte, Charlotte, NC

PhD Health Service Research**Anticipated 2014**

University of New Mexico, Albuquerque, NM

PhD Statistics Coursework**2005-2009**

Area of Concentration: Biostatistics

University of New Mexico, Albuquerque, NM

MPH**2003**

Area of concentration: Epidemiology

Baylor University, Waco, TX

MA**2000**

Area of concentration: Medical Sociology

Baylor University, Waco, TX

BA**1996**

Major: Biology and Sociology Minor: Chemistry

PROFESSIONAL EXPERIENCE**Premier Healthcare Solutions***Principal, Premier Research Services***2014-Present**

Provide leadership, strategy, and program development, sales support, and oversight to Premier Research Services staff in one/more of the following areas: Comparative Effectiveness/Outcomes Research, Research Collaboratives, Observational Safety Studies, Data/Services Partnerships. Provide oversight on all aspects of the research process including proposals, protocols, research design, statistical analysis, and research deliverables. Additionally provide development of strategy, and management of members of PRS staff including personal and professional development and oversight of personal and team objectives.

- Review, development, and oversight of study related documents such as proposals, budgets, timelines, protocols, statistical analysis plans, final reports, and manuscripts
- Collaboration with study sponsors providing study design consultation
- Provide scientific oversight on observational studies and research team
- Present research work at scientific meetings
- Responsibility for monthly, quarterly, and annual revenue goals

Premier Healthcare Solutions*Principal Research Scientist***2009 – 2013**

Responsible for all aspects of the research process, including proposal writing, research design, statistical analysis, project management, and dissemination of results. Work with the research team on multiple projects in a variety of areas such as health services research, health outcomes research, epidemiology, and cost effectiveness.

- Development of study related documents such as protocols, statistical analysis plans, final reports and manuscripts
- Collaboration with study sponsors providing study design consultation
- Provide scientific oversight on observational studies from initiation through completion
- Develop research study budgets
- Present research work at scientific meetings
- Mentor and lead other researchers and team members

LCF Research*Senior Research Associate***2000 – 2009**

Responsible for all aspects of the research process: proposal writing, research design, database development, data collection, statistical analysis, and dissemination of results including reports and publications. Worked with the research team on a variety of projects in a number of areas including: health services research, epidemiology, and cost effectiveness.

- Develop study related documents such as protocols, statistical analysis plans, final reports and manuscripts
- Write grants including protocol, statistical analysis plan and budgets
- Provide scientific oversight on observational studies from initiation through completion
- Provide statistical expertise for research team
- Mentor junior researchers
- Present research work at scientific meetings

RESEARCH EXPERIENCESample of ongoing research**Assessing the burden of SA bacteremia***Principal Investigator***November 2012 – Present**

This study is a retrospective observational study conducted to describe the practice patterns within SA Bacteremia diagnosis and treatment in the hospital. Descriptive analysis including bivariate comparisons are used to describe the study population and characterize patients identified as having SA Bacteremia (MSSA and MRSA) as defined by ICD-9 CM code with/without laboratory confirmation.

Evaluation of wound care in stage III/IV pressure ulcers and diabetic foot ulcers*Principal Investigator***November 2012 – Present**

This study describes differences in wound care practice in patients with stage III/IV pressure ulcers and diabetic foot ulcers.

Practice patterns in patients hospitalized for an anticoagulant associated bleed*Principal Investigator***December 2012 – Present**

This study is looking at describing practice patterns within Atrial Fibrillation patients hospitalized for an anticoagulant associated bleeding event.

Association between bleeding during hospitalization and outcomes*Principal Investigator***December 2012 – Present**

This study is looking Atrial Fibrillation patient's risk of bleeding and bleeding events during hospitalizations. It will also evaluate the impact of bleeding on total visit cost, length of stay and readmissions.

Risk of bleeding in atrial fibrillation patients during an inpatient hospitalization*Principal Investigator***November 2012 – Present**

This study is describing differences in wound care practice in patients with stage III/IV pressure ulcers and diabetic foot ulcers.

Sample of completed research**Impact of post-surgical opioid use on adverse drug events, total visit cost, length of stay***Principal Investigator***2011–2012**

This study looked at the impact of post-surgical opioid use on adverse drug events, total visit cost, length of stay and 30-day readmission.

Injection practices among clinicians in US healthcare*Statistician***2010 – 2010**

The major goal was to look at safety practices of healthcare providers in US hospitals related to injections.

Analysis of long acting beta agonists and short acting beta agonists for COPD*Principal Investigator***2010 – 2011**

This study looked at COPD treatment in the inpatient setting focusing on the use of short acting beta agonists (SABA) and long acting beta agonists (LABA).

Education and counseling intervention analysis for type 2 diabetes*Principal Investigator***2010 – 2011**

The purpose of this project was to identify the type of education and counseling received by type 2 diabetes patients in a real-world setting and compared the economic and clinical outcomes of those receiving some type of counseling to those receiving none. This was measured through a variety of outcomes, ranging from cost and utilization to improvement of HbA1c.

Emergency Department imaging services: an outcomes analysis*Principal Investigator***2010 – 2012**

The purpose of this study was to analyze the outcomes for acute ischemic stroke patients in relation to the types and timing of imaging services received. It was hypothesized that patients receiving the appropriate diagnostic imaging in a timely manner will have more positive health and economic outcomes.

Medication use in pregnancy and birth outcomes program*Researcher/Statistician***2009– 2010**

The overall purpose of the program was to establish an infrastructure in conjunction with the U.S. Food and Drug Administration to enable the ongoing study of the safety of medication exposure during pregnancy on the fetus

Socioeconomic diversity in integrated healthcare delivery systems*Site Principal Investigator***2008 – 2011**

This Pilot study used the CRN Virtual Data Warehouse (VDW) to assess the distribution of various Area-Based Socioeconomic Status (SES) Measures (ABSM) indicators based geo-coding of health plan members address using the 2000 census SES structure and determine differences in rates of cancer screening and pneumococcal vaccination by SES. It determined which ABSM indicators provide consistent differences in health care utilization.

Methods of estimating the incidence and prevalence of amyotrophic lateral sclerosis in the US population*Researcher/Statistician***2008– 2009**

The major goal of this study was to estimate the incidence and prevalence of ALS in the US by working with HMO's and the CDC registry.

Cancer research network across healthcare systems, infrastructure*Statistician***2007 – 2009**

The major goal was to build the data warehouse that conforms to the standards of the HMORN Virtual Data Warehouse in order to participate in HMORN studies.

Health and economic burden of cardio-metabolic risk factors*Researcher/Statistician***2005 – 2007**

The purpose of the study was to determine the prevalence of metabolic syndrome in a population of patients having had a DEXA, identify what differences exist between the metabolic syndrome cohort and a comparison control group of patients without metabolic syndrome with respect to resource utilization, cardiovascular events and other co-morbidities, and determine the costs associated with healthcare utilization.

Identifying the costs of undiagnosed COPD*Researcher/Statistician***2006 – 2006**

The purpose of this study was to identify patients with Chronic Obstructive Pulmonary Disease (COPD), matched controls (3 to 1). Following identification of the undiagnosed COPD patients and control patients with no COPD, the study will examine demographic, utilization, and pharmacy data to compare differences between the COPD cases vs. controls.

Primary care colorectal cancer screening*Researcher/Statistician***2004 – 2005**

The purpose of the study was to develop and implement an electronic Primary Care Colorectal Cancer Screening Surveillance System encompassing three of major health care provider in the state of New Mexico.

Costs and utilization for variable asthma*Researcher/Statistician***2004 – 2004**

The purpose of this study was to identify asthma patients who demonstrate variable symptoms as measured by changes in asthma medications throughout a single calendar year (2003). Asthma patient described as having variable disease will compared to other patients with asthma to determine how their costs and utilization compare to those of other asthma patients.

Epilepsy occurrence in managed care organization populations*Researcher/Statistician***2002 – 2003**

The purpose of this project was to develop and validate a sensitive and specific algorithm to identify persons with epilepsy from administrative data systems, and using this algorithm, to define the prevalence and incidence of epilepsy in the managed care organization population, categorized broadly by seizure type, presence of comorbid conditions, and age category.

PUBLICATIONS AND PAPERS

Publications

Gan TJ, **Robinson SB**, Oderda GM, Scranton R, Pepin J, Ramamoorthy S. Impact of postsurgical opioid use and ileus on economic outcomes in gastrointestinal surgeries. *Pharmacoeconomics* [*under review*].

Robinson SB, Ernst FR, Lipkin C, Huang X. Patient outcomes on Day 4 of intravenous antibiotic therapy in non-ICU hospitalized adults with community acquired bacterial pneumonia. *Infectious Disease in Clinical Practice*. [*accepted*]

Dalal M, **Robinson SB**, Sullivan S. Real-world evaluation of the effects of counseling and education in diabetes management. *Diabetes Spectrum* [*accepted*].

Bollu V, Ernst FR, Karafilidis J, Rajagopalan K, **Robinson SB**, Braman SS. Hospital readmissions following initiation of nebulized arformoterol tartrate or nebulized short-acting beta-agonists among inpatients treated for COPD. *International Journal of COPD*. 2013; 8:631-639

Jones Niggel S, **Robinson SB**, Noone J, Hewer I, Shah S, Laditka S. Obesity prevalence and state policymaking in the United States: is problem severity associated with more policies? *The Social Science Journal*. 2013; 50:565-574.

Oderda GM, Gan TJ, Johnson BH, **Robinson SB**. Effect of opioid-related adverse events on outcomes in selected surgical patients. *Journal of Pain and Palliative Care Pharmacotherapy*. 2013;27(1):62-70.

Doubeni CA, Jambaulikar GD, Fouayzi H, **Robinson SB**, Gunter MJ, Field TS, Roblin D, Fletcher RH. Neighborhood poverty and use of colonoscopy in an insured population – a retrospective cohort study. *PLoS ONE*. 2012; 7(5):e36392.

Pugliese G, Gosnell C, Bartley J, **Robinson S**. Injection practices among clinicians in US healthcare settings. *American Journal of Infection Control*, 2010;38:789-798.

Bakhireva LN, Shainline MR, Carter S, **Robinson S**, Beaton SJ, Nawarskas JJ, Gunter MJ. Synergistic effect of statins and postmenopausal hormone therapy in prevention of skeletal fractures in elderly women. *Pharmacotherapy*.2010; 30(9): 879-887.

Shainline MR, **Robinson SB**, Gunter MJ, Carter S, Beaton SJ, Nawarskas J, et al. PS2-15: Sex-specific differences in the protective effect of statins on skeletal fractures. *Clinical Medicine & Research*. 2010; 8(1):58.

Beaton SJ, **Robinson SB**, Von Worley A, Davis HT, Boscoe, AN, Ben-Joseph R, Okamoto LJ. Cardiometabolic risk and healthcare utilization and cost for hispanic and non-hispanic women. *Population Health Management* 2008; 12(4): 177-183.

Mapel DW, **Robinson SB**, Lydick E. A comparison of health-care costs in patients with COPD using lightweight portable oxygen systems versus traditional compressed-oxygen systems. *Respiratory Care* 2008; 53(9): 1169-1175.

Mapel DW, **Robinson SB**, Shah H, Dastani H, Phillips AL, Lydick E. The direct medical costs of undiagnosed COPD. *Value in Health* 2008; 11(4): 628-636.

Holden EW, Grossman E, Nguyen HT, Gunter MJ, Grebosky B, Von Worley AM, Nelson LS, **Robinson S**, Thurman DJ. Developing a computer algorithm to identify epilepsy cases in managed care organizations. *Disease Management* 2005; 8(1): 1-14.

Holden EW, Nguyen HT, Grossman, E, **Robinson S**, Nelson LS, Gunter MJ, Von Worley AM, Thurman DJ. Estimating prevalence, incidence, and disease-related mortality for patients with epilepsy in managed care organizations. *Epilepsia* 2005; 46(2): 311-319.

Rundall, TG, Hsu J, Lafata JE, Fung V, Paez KA, Simpkins J, Simon SR, **Robinson SB**, Uratsu C, Gunter MJ, Soumerai SB. Prescribing safety in ambulatory care: physician perspectives. Chapter in Kerm Henriksen, James B. Battles, Eric Marks, and David I. Lewin (Eds.) *Advances in Patient Safety: From Research to Implementation*. Washington, D.C.: Agency for Healthcare Research and Quality, 2005.

Presentations

Robinson SB, Bowdy BD, Johnson BH, Rodewald A, Porter S. Tracking of wound care on stage III and IV pressure ulcers and diabetic foot ulcers: a real-world analysis. 2014 SAWC the Symposium on Advanced Wound Care. [*accepted*]

Robinson SB, Bowdy BD, Johnson BH, Rodewald A, Porter S. Unadjusted impact of silver dressing use on economic outcomes in treatment of stage III and IV pressure ulcers and diabetic foot ulcers: a real-world analysis. 2014 SAWC the Symposium on Advanced Wound Care. [*accepted*]

Robinson SB, Bowdy BD, Jing Y, Schaiff R, Lee LV, McMahon EG, Johnson BH, Wiederkehr D. Reversal agents in nonvalvular atrial fibrillation patients hospitalized for bleeding: a real-world analysis. 2014 ACC 63rd Annual Scientific Session and Expo. [*accepted*]

Robinson SB, Davis SL, Harris AD, Septimus E, Bowdy BD, Davis TE, Bumpass B, Culshaw DL, DePestel DD, Kauf TL, Rachfal A. Assessing the Burden of *S. aureus* Bacteremia Using a Large Multi-Hospital Database. Poster presented at 2013 ID Week, San Francisco, October 2013.

Huang X, **Robinson SB**, Ernst FR, Lipkin CB. Association between outcomes and responder status by day 4 of initial antibiotic treatment in hospitalized adult patients with community-acquired bacterial pneumonia (CABP) [Abstract]. Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Denver, CO, September 2013

Robinson SB, Amin AN, Bowdy BD, Jing Y, Johnson BH, Wiederkehr DP. Association between bleeding and outcomes in atrial fibrillation patients. Presentation at 2013 Premier Breakthroughs Conference, San Antonio, TX June 2013.

Amin AN, Bowdy BD, Jing Y, Johnson BH, Wiederkehr DP, **Robinson SB**. Impact of bleeding on length of stay and inpatient cost among atrial fibrillation patients hospitalized for congestive heart failure. Poster presented at 2013 QCOR Scientific Sessions, Baltimore, MD May 2013.

Amin AN, Bowdy BD, Jing Y, Johnson BH, **Robinson SB**, Wiederkehr DP. Impact of bleeding on 30-day all cause readmission in atrial fibrillation patients. Poster presented at 2013 QCOR Scientific Sessions, Baltimore, MD May 2013.

Amin AN, Bowdy BD, Jing Y, Johnson BH, **Robinson SB**, Wiederkehr DP. Impact of bleeding on length of stay and total hospitalization cost in atrial fibrillation patients. Poster presented at 2012 AHA Scientific Sessions, Los Angeles, CA November 2012.

Oderda GM, **Robinson SB**, Gan TJ, Scranton R, Pepin J, Ramamoorthy S. Impact of postsurgical use and ileus on economic outcomes in gastrointestinal surgeries. Poster presented at 2012 ISPOR Annual Meeting, Washington DC, June 2012.

Bollu V, **Robinson SB**, Karafilidis J, Rajagopalan K, Johnson BH, Walsh JS, Ernst FR, Braman S. All cause 30-day readmissions for matched inpatients with COPD receiving nebulized short-acting or long-acting beta agonists. Poster presented at 2012 ISPOR Annual Meeting, Washington DC, June 2012.

Gan, TJ, Oderda GM, **Robinson SB**. Opioid-related adverse events increase length of stay and drive up total cost of care in a national database of postsurgical patients. Poster presented at 2012 IARS Annual Meeting, Boston, MA, May 2012.

Ramamoorthy S, **Robinson SB**. Impact of opioid related adverse events (ORAE) on length of stay (LOS) and hospital costs in patients undergoing a laparoscopic colectomy. Poster presented at 53rd Annual DDW Meeting, San Diego, CA, May 2012.

Moretz. C. **Robinson SB**, Johnson B. Cost analysis in acute coronary syndrome patients using a high-sensitivity troponin I method Poster Presented. Presented at the Society of Chest Pain Centers 15th Congress, 2012.

Moretz. C. **Robinson SB**, Johnson B. Validation of high-sensitivity troponin I method in acute coronary syndrome patients. Presented at the Society of Chest Pain Centers 15th Congress, 2012.

Gan, TJ, **Robinson SB**, Oderda GM. Impact of postsurgical opioid use and adverse drug events on economic outcomes in hysterectomy surgeries. Poster presented at 27th SAMBA Annual Meeting, Miami, FL, May 2012.

Oderda GM, Gan, TJ, **Robinson SB**. Opioid-related adverse events increase length of stay and drive up total cost of care in a national database of postsurgical patients. Poster presented at 46th ASHP Midyear Clinical Meeting, New Orleans, LA, December 2011.

Robinson SB, Dalal M, Sullivan S. A real-world evaluation of the effects of education and counseling on diabetes care. Poster presented at 71st American Diabetes Association Annual Meeting, San Diego CA, June 2011.

Sullivan S, Dalal M, Burke J, **Robinson S**. Differing characteristics of patients receiving versus those not receiving diabetes counseling and education. Abstract presented at 71st American Diabetes Association Annual Meeting, San Diego, CA, June 2011.

Robinson SB, Sarocco P, Karafilidis J, Johnson B, Ernst FR. A real-world evaluation of beta agonist use during hospitalizations for COPD. Poster presented at 17th Annual International Society for Pharmacoeconomics and Outcomes Research Annual Meeting, Baltimore, MD, June 2011.

Bakhireva LN, Shainline MR, Carter S, **RobinsonSB**, Beaton SJ, Nawarskas J, Gunter MJ. Synergistic effect of statins and postmenopausal hormone therapy in prevention of skeletal fractures. Poster presented at 25th Anniversary International Conference on Pharmacoepidemiology & Therapeutic Risk management, 2009.

Shainline MR, **Robinson SB**, Gunter MJ, Carter S, Beaton SJ, Nawarskas J, Bakhireva LN. Gender specific differences in the protective effect of statins on skeletal fractures. Poster presented at 15th Annual HMO Research Network Conference in Danville PA, May 2009.

Moore, KM, Cheetham TG, Dublin S, Hecht J, **Robinson SB**, Brown J. VDW pharmacy file: strengths, weaknesses, and recommendations. Poster presented at 15th Annual HMO Research Network Conference in Danville PA, May 2009.

Robinson SB, Brixner D., Kirkness C., Lydick E, Von Worley, Ann. The Impact of Cost on adherence with smoking cessation pharmacotherapy. Poster presented at the 14th Annual HMO Research Network Conference in Minneapolis MN, April 2008.

Beaton SJ, **Robinson SB**, Von Worley A, Davis HT, Boscoe A, Ben-Joseph R, & Okamoto LJ. Cardiometabolic risk factors and healthcare cost for a sample of health plan members. Poster presented at the 135th Annual meetings of the American Public Health Association in Washington DC, November 2007.

Brixner D, Kirkness C, **Robinson, SB**, Lydick E. The impact of cost sharing on a patient compliance and persistence for smoking cessation Pharmacotherapy. Poster presented at International Society for Pharmaceutical Engineering, 2007.

Mapel, DW, **Robinson SB**, Lydick E. A comparison of healthcare costs for persons using lightweight portable oxygen systems versus persons using traditional compressed gas systems. Poster presented at American Thoracic Society Annual Conference, 2007.

Robinson, SB, Smith, T, Lydick, E, Davis, HT. Development and validation of a master patient Index (MPI) within the New Mexico Health Information Collaborative (NMHIC). Poster presented at 13th Annual HMO Research Network Conference, Portland, OR, March 19-22, 2007.

Mapel, DW, Nelson LS, Lydick E, **Robinson SB**, Soriano JB, Davis KJ. Survival of COPD Patients Using the Advair® Diskus, Inhaled Corticosteroids and Salmeterol Individually, Inhaled Corticosteroids Alone, or Short Acting Bronchodilators Alone. Poster presented at American Thoracic Society Annual Conference, San Diego CA, May 19-24, 2006.

Robinson, SB, Lydick E, Mapel D. Descriptive Analysis of Severity in Asthma Using Administrative Data. Poster presented at 11th Annual HMO Research Network Conference, Santa Fe, NM, April 4-6, 2005.

Nelson, LS, Gunter, MJ, **Robinson SB**, Holden EW. Developing A Computer Algorithm to Identify Epilepsy Cases in Managed Care Organizations and Estimate Prevalence, Incidence, and Mortality. Poster presented at 10th Annual HMO Research Network Conference, Detroit, MI, May 3-5, 2004.

McFarland C, Nelson LS, **Robinson SB**. Development and Implementation of a Multidisciplinary Telemanaged Lipid Clinic within an Integrated For-Profit Health System. Poster presented at American Society of Health-System Pharmacists Conference. 2003.

Grebosky, RW, **Robinson SB**, Gunter, MJ. Validating a Software Program Designed to Determine Ethnicity Using a Managed Medicaid Population. Poster presented at 8th Annual HMO Research Network Conference, Long Beach , CA, April 9-10, 2002.

MEMBERSHIPS

American Public Health Association
American Statistical Association
American Sociological Association
International Society of Pharmacoeconomics and Outcomes Research
Academy Health