

Christianne L. Roumie, M.D., M.P.H.

Office Address: Nashville VA Medical Center
1310 24th Ave South, GRECC
Nashville, T.N. 37212
Office Phone: (615) 873-8013
Email: Christianne.Roumie@vanderbilt.edu
Christianne.roumie@vumc.org

EDUCATION AND TRAINING

Rutgers University, Douglass College
New Brunswick, New Jersey
Bachelors of Arts, Biological Sciences, with honors August, 1990- May, 1994
Minor, Psychology

Rutgers University
University of Medicine and Dentistry, New Jersey Medical School
Newark, New Jersey
Doctor of Medicine, *Alpha Omega Alpha* August, 1994- May, 1998

Vanderbilt University
Nashville, Tennessee
Masters Public Health September, 2002- May, 2005
Thesis: *Antibiotic Prescribing Patterns in Outpatient Settings*

Internal Medicine and Pediatrics residency training
Vanderbilt University Medical Center
Nashville, Tennessee June, 1998- June, 2002

VA National Quality Scholars Program
Nashville, Tennessee July, 2002- June, 2004

LICENSURE AND CERTIFICATIONS

Diplomate, National Board Medical Examiners May, 1999
Tennessee Medical License- #M.D. [REDACTED] July, 2000
Diplomate, American Board of Internal Medicine 2002 through 2012
Recertification 2012 through 2022
Diplomate, American Board of Pediatrics 2002 through 2012
Recertification 2012 through 2022
Drug Enforcement Agency [REDACTED] April, 2001
ACLS Instructor June, 2002- November, 2006
PALS/ NALS June, 2002

BLS

Active through January, 2022

ACADEMIC and HOSPITAL APPOINTMENTS

Nashville VA Medical Center
Staff Physician Internal Medicine

2002- present

Vanderbilt University Medical Center,
Clinical Instructor Internal Medicine/Pediatrics

2002- June, 2005

Vanderbilt University Medical Center,
Assistant Professor Internal Medicine/Pediatrics

July, 2005- February 2014

Vanderbilt University Medical Center,
Associate Professor, with tenure, Internal Medicine/Pediatrics

February, 2014- present

EMPLOYMENT

Research Assistant Data Manager, Bone Marrow Transplant
Hackensack University Medical Center
Hackensack, New Jersey

1992- 1994

Research Assistant, Women's Health Initiative
Rutgers U.M.D.N.J - New Jersey Medical School

1995

Tutor, Department of Academic Development U.M.D.N.J
Tutored first year medical students in Biochemistry,
Cell and Tissue Biology and Physiology

Fall, 1995- Spring, 1998

SCHOLARSHIPS & HONORS/AWARDS

Deans Letter of Commendation, UM.D.N.J.

1994; 1996

U.M.D.N.J. Alumni Association Scholarship

1995; 1997

U.M.D.N.J. Foundation Scholarship

1995, 1996, 1997

AMWA Membership Achievement Citation

1998

Sigma Xi Scientific Research Society

1998

Alpha Omega Alpha Medical Honor Society

1998- present

FDA, Advisory Committee Service Award

2018

Grant Liddle Research Mentorship Appreciation Award

2019

VUMC Biomedical Science Impact Award

2020

PROFESSIONAL ORGANIZATIONS

American Medical Women's Association

1994-1998

American Medical Association	1994-2002
American Academy of Pediatrics	1994-2002
Society of General Internal Medicine	2003- present
American College Physicians	Elected January, 2005
Fellow, American Academy of Pediatrics	Elected April, 2005
Academy for Healthcare Improvement	2006- present
Fellow, American College Physicians	Elected April, 2009
American Heart Association	2011
International Society of Pharmacoepidemiology	2013

PROFESSIONAL ACTIVITIES

Intramural (Current)

1. Deputy Director- Nashville VA Quality Scholars Fellowship Program
June, 2007
2. Vanderbilt Medical Scholars Grant Reviewer
2016- present
3. Director, Masters of Public Health Program
Vanderbilt University
Appointed August, 2020

Intramural (Past)

Curriculum Committee, Department of Pediatrics	1998 – 2002
Chair --Tennessee Valley Healthcare System (TVHS) Hypertension Performance Improvement Committee	Appointed September 2006
TVHS- Traveling Research Storyboard- Focus on Hypertension	May 2007
Course reviewer for First year medical student Intersession course	August 2010
Vanderbilt Medical School Admissions Interviewer	November 2007- 2012
Epidemiology Track Director, Masters Public Health Program Vanderbilt University	2015- 2020

National Extramural (Current)

1. Systolic Blood Pressure Intervention Trial
Publications and Presentations Subcommittee
Appointed 2011
2. Grant reviewer VHA Health Services Research and Development
QUERI-Rapid Response projects
2011, 2014

3. Center for Scientific Review NIH	
IRG (HSOD) study section temporary member	June, 2012; 2014- present
Chair of Meeting	November 2020
IRG (Biostatistical Methods and Research Design (ZRG1 HDM)	2018
NHLBI K grant reviewer (MPOR) temporary member	2018
4. American Heart Association International Stroke Conference	
Abstract Reviewer	2012-2019
5. International Conference of Pharmacoepidemiology	
Abstract Reviewer	2014- present
6. Food and Drug Administration (5 year term)	
Member, Non-prescription Drugs Advisory Committee	Appointed July 2013
Chair, Non-prescription Drugs Advisory Committee	Appointed July 2015
Chair, Non-prescription Drugs Advisory Committee	Appointed June 2019
National Extramural (Past)	
VA Compensation and Pension Collaborative	2003
VA Kenneth W Kizer Quality Achievement Grant Reviewer	2003-2004
Small Group Leader	
VHA Geriatric Scholars	2009-2010
Peer Review Abstracts/Workshops National Meeting	
Society of General Internal Medicine	2006- 2014
Member- VA Stroke QUERI (Risk factor Modification Workgroup)	2007- 2011
1. Peer Reviewer Abstracts- National Meeting VA- HSR&D	2006- 2016
VHA Geriatrics Pharmacy Taskforce	
Medication Appropriateness Workgroup	2010
Agency for Healthcare Research and Quality Diabetes Multi-Center	
Research Consortium – Executive Committee	2011- end October 2012
Society General Internal Medicine	
Committee Chair for Preventive Medicine section	April 2013
SWOG/ Hope Foundation VA Grant reviewer	August 2015
Tennessee Men’s Health Report Card	
Scientific Advisory Panel	2010- 2017
Grant Reviewer VHA Health Services Research and Development	2018
Centers for Innovation Grants	

International Extramural

1. Canadian Institute of Health Research grant review 2006
2. External Examiner for PhD thesis of Blainaid Hicks (Queens University Belfast, Northern Ireland)
Modifiable risk factors and cancer survival: An investigation of pharmacological exposures, smoking and survival among breast and colorectal cancer patients 2015
3. Cancer Research UK grant reviewer 2016
4. French Stroke Research Foundation, grant reviewer 2017
5. Diabetes Research UK grant reviewer 2017-2018

Journals

Section Editor

Journal of Clinical Outcomes Management

2004 – May 2006

Reviewer

- *New England Journal of Medicine*
- *Journal of the American Medical Association*
- *Archives of Internal Medicine*
- *Journal General Internal Medicine*
- *American Journal Managed Care*
- *Canadian Medical Association Journal*
- *Diabetes Care*
- *Pharmacoepidemiology and Drug Safety* (*Top reviewer 2011)
- *Annals of Internal Medicine* (*Top 10% of reviewers 2006- present)
- *Circulation*
- *Circulation- Cardiovascular Quality and Outcomes*
- *American Journal of Medicine*
- *Medical Care*
- *Hypertension*
- *The International Journal for Quality in Health Care*

TEACHING RESPONSIBILITIES

Current

GME

1. Clinician – Med/Peds Clinic (½ day/ week) 2002- present
2. Orientation to the Nashville Quality Scholars Curriculum 2006- present
 - Plan month long orientation to national fellowship in quality improvement
 - Constructed a formal list of expectations for each fellow
 - Includes the following didactic sessions
 - Mentorship/Menteeship
 - Scientific Productivity
 - Time management

- Quality improvement process mapping
 - Planned self-reflection “worksheet” and IDP for them to track their progress throughout the fellowship
3. Masters of Public Health Program, Vanderbilt University
 - Grants/ Grant writing course --1 lecture each spring
 - “VA Funding and Career Development Awards” Spring, 2007-present
 4. Preceptor- Med/Peds Resident Clinic (½ day/ week) 2013- present

Past

UME

Small Group Leader Epidemiology and Preventive Medicine 2003- 2010

- ~15 Second Year Students
- 8-10 sessions in Fall semester /each session approximately 2- 3 hrs

GME

Cairo, Egypt

Delivered multiple presentations to resident physicians
in PICU at a children’s teaching hospital. February, 2001

Masaai Mara, Kenya

Education of clinic workers at 6 sites within Kenya Oct., 2001 and Jan., 2003

Clinician/ Preceptor- Emergency Room- VA Hospital 2002- 2005

Clinician/ Preceptor- Vanderbilt Pediatric Emergency Room 2002- 2005

VA Ward Attending, General Medicine- (2 weeks-1 month/ year) 2002- 2017

Physical Diagnosis- Vanderbilt Second Year Students 2002- 2007

Pediatrics Journal Club- Director 2008- 2011

(Twice a month)

Preceptor General Medicine Resident Clinic- VA (½ day/ week) 2002- 2013

Internal Medicine Journal Club –Co-Director 2004- 2012

- Created a curriculum used by the residents in both Internal Medicine and in Pediatrics that reviews basics of study design, common definitions, and statistical methods and provides an outline to frame each article reviewed at Journal Club.
- We also developed a formal evaluation of the journal club curriculum with a pre test post test to assess the important concepts
- Learner needs assessment with twice yearly meetings with the journal club committee to determine strategy for teaching larger resident group

Mentoring

Faculty Member	Pre or Post	Start	End	Research Project	Current Position or Source of Support
Christianne L. Roumie, M.D., M.P.H.					
Past Students					
Jennifer Schuberth, MD	Post	2004	2006	Adapting to Residency Work Hours: Short Call Effect on Length of Stay and Quality of Care for Decompensated Heart Failure	Staff Physician St Thomas Medical Group.
Robert Huang, MD	Post	2005	2007	The Impact of Transfer Status on In-hospital Mortality and Standardized Mortality Ratios	Staff Physician/ Cardiologist, Knoxville
Greg Munson, MD	Post	2006	2008	Validation of activation and adaptability scales among veterans with inflammatory bowel disease (IBD)	Staff Gastroenterologist Bellingham, Washington
Mimi Huizinga, MD	Post	2005	2007	Persistence and Effectiveness of Incident Regimens in Type 2 Diabetes: VA Cohort Study	Principal, Population Health at Premier, Inc
Neesha Choma, MD	Post	2007	2009	Predictors of blood pressure control in hypertensive patients with DM	Assistant Professor; Executive Medical Director of Quality and Safety for Vanderbilt University Medical Center
Jennifer K. Green, MD	Post	2008	2010	Hepatitis B (HBV) Care Among Veterans at Veterans Health Administration-Tennessee Valley Healthcare System (VA-TVHS)	Assistant Professor Medicine, VUMC
Jacob Hathaway, MD	Post	2008	2010	Prevalence of Undertreatment for Osteoporosis After Hip Fracture	Assistant Professor Internal Medicine Vanderbilt Univ. Chief Primary Care, VA Tennessee Valley
Michael Bowen, MD	Post	2009	2012	1. HTN IMPROVE project 2. Distance to Primary Care and Response to a Hypertension Telemedicine Intervention	Assistant Professor Internal Medicine, UT Southwestern NIH K23 Awardee
David Willens, MD	Post	2010	2012	Association of low health literacy and hypertension control in primary care population	Assistant Professor, Internal Medicine Henry Ford Health System; Program director for Internal Medicine Residency
Ashley Karpinos, MD	Post	2010	2013	1. Prevalence of Complete Vaccination status among Nashville High School Senior Athletes 2. Prevalence of Hypertension Among Collegiate Male Athletes	Assistant Professor Sports Medicine, Vanderbilt University
Rebecca Snyder, MD	Post	2011	2013	Quality assessment of colorectal cancer care and association with mortality	Assistant Clinical Professor of Surgery University of South Carolina Greenville
Robert Ikard, MD	Post	2008	2013	1. Management of Senescent Gynecomastia in the Veterans Health Administration 2. Morbidity and mortality after large bowel resection for polypoid disease	Staff Physician, Department of Surgical Services VA Tennessee Valley Healthcare (deceased in 2016)
Cecilia Theobald, MD	Post	2012	2014	Quality Improvement Initiative for CAUTI prevention	Assistant Professor of Medicine VUMC; Assistant Vice Chair for Quality, Department of Medicine
Katie Rizzone, MD	Post	2013	2015	Early Sports Specialization and risk for injury	Assistant Professor Orthopedics, Rochester University KL2 at Rochester
Kristy Kumerow (Broman), MD MPH	Post	2013	2016	Surgical Follow-Up of Veterans using Telemedicine	Fellow Surgical Oncology, Moffitt Cancer Center

Candace McNaughton, MD PhD (PhD dissertation Chair)	Post	2010	2017	1. Improving inpatient Stroke care 2. BP control among patients in the Emergency Department	Associate Professor Emergency Medicine, Vanderbilt University Completed NIH K08 awardee
Amanda Mixon (Salanitro), MD MSPH	Post	2014	2017	Medication safety at transitions of care	Assistant Professor Internal Medicine Completed VA CDA
Michael Ward (Advisor)	Post	2013	2017	Enhancing the Timeliness of Inter-Facility Patient Transfers from the Emergency Department	Assistant Professor Emergency Medicine, Vanderbilt University K23 Awardee
Caroline Presley, MD MPH	Post	2015	2018	1. Validation of Heart failure outcomes in administrative data 2. Confounding assessment of Frailty among hypoglycemic medications and death	Assistant Professor Internal Medicine, UAB KL2 awardee
Justin Liberman, MD MPH	Post	2016	2018	Chronic narcotic use and association with unplanned healthcare utilization among patients with heart disease	Assistant Professor Anesthesia, VUMC, Associate director Anesthesia Quality
Deonni Stollendorf, PhD (Advisor)	Post	2015	2018	Understanding the systems factors which influence intervention sustainability	Assistant Professor School of Nursing K01 Awardee
JeaYoung Min, Pharm D PhD (PhD dissertation Chair)	Post	2014	2019	Hypoglycemia and Cardiovascular effects from oral hypoglycemics	Research Assistant Professor Department of Health Policy Weill Cornell
Julia Phillipi, PhD	Post	2015	2019	Innovative clinical environments to meet the needs of pregnant women at risk of poor perinatal outcomes	Assistant Professor School of Nursing Completed K08
Lucy Spalluto, MD	Post	2017	2019	Clinical trial of a promoter to impact well woman screening in the Latina community	Associate Professor Radiology Vice Chair Diversity and Inclusion VUMC
James Carlucci, MD MPH	Post	2016	2020	HIV continuum of Care among infants in S. Africa	Assistant Professor Pediatric Infectious Disease Indiana University K23 applicant
Richard Martin, MD MPH	Post	2018	2020	Disparities in Colorectal Cancer Care Quality	Assistant Professor Hematology and Oncology VUMC
Gretchen Edwards, MD	Post	2018	2020	Colorectal Cancer Care Quality in National VHA	Surgical Resident Quality Scholar Fellow
Sabrina Poon, MD MPH	Post	2019	2020	Barriers to Emergency Medical Care for Hypertension management and treatment	Instructor Emergency medicine K12 Awardee VHAN population health
Current Students					
Alvin Jeffrey, PhD	Post	2015		Using Probability based clinical decision Support to predict clinical deterioration in inpatients	Assistant Professor School of Nursing, K12 awardee
Jennifer Lewis, MD MPH	Post	2017		Lung cancer screening and prevention in VHA	Instructor Oncology and Quality Scholar Fellow VA CDA applicant K12 awardee
Shailja Shah, MD MPH	Post	2018		Clinical and Genetic predictors of H pylori treatment failure in VHA	Assistant Professor in Gastroenterology, K12 Awardee VA CDA Awardee
Milner Staub, MD	Post	2019		Antibiotic Stewardship in the Outpatient setting	VA Quality Scholar and CDC Leap Fellow

RESEARCH PROGRAM

Grants (Current)

- 1. Effectiveness of newer hypoglycemic medications among veterans**
VA- CSRD IIR I01CX000570-09 10/1/2020- 9/30/2024
PI: Roumie (20%)
Approximately 30 million adults have diabetes (DM) in the United States and DM confers a risk for cardiovascular disease (CVD). Between 2013-2017 multiple clinical trials of newer agents (SGLT2 or GLP1RA) were conducted versus placebo that demonstrated cardiovascular or renal benefit with a pronounced effect among those with pre-existing CVD. There is less data available among those without CVD. Evidence on the advantages and risks of these newer agents relative to other commonly used medications remains unknown because data from real world cohorts is methodologically limited for many reasons. We propose to conduct a large longitudinal national study using administrative, clinical and laboratory data to quantify the relative risks and benefits of newer antidiabetic agents among Veterans. We will include cardiovascular and renal outcomes and risks of amputations and fractures in 2 distinct cohorts, those with and without CVD. This study would be the largest methodologically rigorous evaluation of newer antidiabetic medications in Veterans to date.
- 2. INfluenza Vaccine to Effectively Stop Cardio Thoracic Events and Decompensated Heart Failure**
NIH/NHLBI 8/1/2016- 7/1/2021
Gaziano/ Joseph (PI) for VA consortium
Site Primary Investigator: Roumie (20%)
INVESTED is a randomized, double-blind, active-controlled, multi-site trial comparing high-dose (60 µg per vaccine viral strain) trivalent influenza vaccine to standard-dose (15 µg per viral strain) quadrivalent influenza vaccination for up to three influenza seasons in 9,300 high-risk cardiovascular disease patients with a history of myocardial infarction in the previous 12 months OR history of heart failure hospitalization in the previous 24 months.
- 3. VUMC 1R01(Roumie)** 07/01/2017 – 06/30/2022
NIH / Tulane University Health Sciences Center
Dissemination and Implementation of the SPRINT Study Findings in Underserved Populations
The goals of this project are to Test a Hybrid Type 2 trial design to implement and evaluate SPRINT intensive blood pressure treatment goals in federally qualified healthcare settings.
- 4. 1K12HL137943-01 (Kripalani, Roumie)** 09/01/2017 – 08/31/2022
NHLBI
Vanderbilt Scholars in T4 Translational Research (V-STTaR) Program
The goals of this project are to train future heart lung blood and sleep research scientists in translational and implementation research methods and concepts.
- 5. T32 HS026122-01 (Roumie, Grijalva)** 07/01/2018 -- 06/30/2023
AHRQ
The Learning Health System training program: PROGRESS- Patient pRactice Outcomes and Research in Effectiveness and Systems Science seeks to train 4 post-doctoral scholars each year in Learning Health Systems Science
- 6. K12HS026395-01 (Roumie, Rothman)** 09/01/2018 – 08/31/2023
AHRQ
Learning Health System Scholar Program at Vanderbilt

We propose to establish the **Vanderbilt Learning Health System Scholar Program** to cross-train future investigators in five core areas of strength: 1) Patient Centered Outcomes Research; 2) Implementation and Dissemination Science; 3) Health Policy/ Community Health 4) Stakeholder Engagement and 5) Bioinformatics and Research methods advancement.

7. **PREVENTABLE** 10/1/2019-- 9/30/2026
 (PRagmatic EValuation of evENTs And Benefits of Lipid-lowering in OldER Adults)
 NIA/NHLBI
 Role: Site PI (VA) and Site Co PI (VUMC)
 There is an urgent need for evidence to guide the clinical care of older adults due to demographic shifts including longer life expectancy and a doubling of the older adult population in recent decades. Unfortunately, clinical research has often excluded individuals over the age of 75 due to a higher prevalence of comorbidity and frailty. There is equipoise regarding the usefulness of statins for primary CVD prevention in adults over age 75, especially in the setting of multiple chronic conditions advanced age or frailty. The ability of statins to prevent new dementia or persisting disability is unknown. There may be subgroups of older adults without CVD or dementia who stand to benefit from statins and others who do not. Such a trial will advance evidence-based care – replacing current opinion-driven practice. Using a placebo-controlled pragmatic trial design across a network of health care systems, we will evaluate the effects and benefits of a moderate intensity statin on important health outcomes for older adults.

Grants (Completed)

1. **Effectiveness of hypoglycemic medications among veterans with CKD**
 VA- CSRD IIR I01CX000570-05 10/1/16-9/30/2020
 PI: Roumie (20%)
 Although metformin is first line treatment for patients with diabetes (DM), many patients with moderate chronic kidney disease (CKD) do not receive metformin due to concerns about the risk of lactic acidosis. Within the Veterans Health Administration (VHA) 30-40% of incident DM medications are sulfonylureas, rather than metformin, due in part to underlying CKD. Methodologically-strong comparative effectiveness observational studies are necessary to determine the relative benefits and risks of metformin versus sulfonylureas use among patients with CKD.
2. **Effectiveness of Second Line Hypoglycemic Medications Among Veterans**
 VA- CSRD IIR I01 CX000570-01 (Merit) 10/1/2012 – 9/30/2016
 PI: Roumie (20%)
 Which medication regimen should be used after failure of metformin monotherapy? We will perform a retrospective cohort study of new users of 2nd line therapy for treatment of diabetes to determine whether certain regimens confer an advantage on reaching goal HbA1c, along with the time to development of complications such as low blood sugar and weight gain. We will also examine if there are differences in the development of diabetes-related complications, including acute myocardial infarction, stroke, kidney disease, and cardiovascular death among patients.
3. R01 AG055606-01 (Reboussin/Williamson) 10/01/2017 – 3/30/2019
 NIH/NIA
 The **SPRINT Alzheimer's, Seniors, and Kidney Study (SPRINT ASK)** Alzheimer's disease is a leading cause of mortality affecting 5 million persons in the United States, a number expected to double by 2050. Proven strategies for prevention and delay of dementia are lacking. By obtaining one additional visit with the Systolic Blood Pressure Intervention Trial cohort, the proposed study would

test whether the incidence of all-cause dementia, which will be predominantly Alzheimer's Dementia, is lower in participants whose elevated systolic blood pressure is treated to < 120 mm Hg.

4. **Systolic Blood Pressure Intervention Trial (SPRINT)**
NIH (NHLBI) 2010- 2018 SPRINT VA CCN
PI: William Cushman (Memphis VA) 9/1/2010 – 9/30/2018
Site Primary Investigator: Roumie (20%)
SPRINT plans to compare SBP goals of <120 vs <140 mm Hg in patients 55 years or older, participants will become eligible if they have SBP 130+ and known CVD or other risk factors. The primary composite endpoint will be CVD mortality and non-fatal MI, stroke, and heart failure.
5. **PCORI CDRN phase 2** 12/2017- 6/30/2019
PI: Russell Rothman, MD MPP
Project Lead: Roumie Diabetes Incidence and Medication use (5%)
The Southern United States has the highest rates of obesity, diabetes, cardiovascular disease, certain cancers, and other conditions, and significant rates of health disparities. The Mid-South Clinical Data Research Network (CDRN) is centered at Vanderbilt University (VU). This CDRN will encompass three large health systems: (1) the Vanderbilt Health System which currently includes electronic medical records for over 2 million patients, (2) the growing Vanderbilt Healthcare Affiliated Network (VHAN) which currently includes 32 hospitals, hundreds of ambulatory practices, and will cover over 3 million patients in the mid-South, and (3) a partnership with Greenway Medical Technologies and other national organizations to provide access to over 24 million patients across the country.
6. 1C1CMS330979-02-00 07/01/12 – 06/30/15
PI: Dittus
Co-Investigator (4%) 0.48 calendar months
Centers for Medicare & Medicaid Services
MyHealthTeam: Regional Team-Based and Closed-Loop Control Innovation Model for Ambulatory Chronic Care Delivery
This large initiative will use innovative, inter-professional health care teams and enhanced information technology to improve chronic disease management and reduce excess health care utilization.
7. **Treatment intensification in type 2 Diabetes Mellitus**
DEcIDE-2 HHSA290201000016I TO 0002
PI DEcIDE-2: Griffin 10/1/10 – 9/30/13
Director of Task Order: Christianne L. Roumie (30%)
Patients often have their DM therapies intensified to reach the recommended Hemoglobin A1C (HbA1C) target (<7%). However, few data indicate whether early intensification of treatment benefits patients with cardiovascular disease (CVD) and chronic kidney disease (CKD). We hypothesize that there is a differential effect of intensification among patients. Among patients with no CVD or CKD co-morbidities, early intensification will increase the time to CVD or CKD outcomes or death. Among patients with CVD and/or CKD co-morbidities intensification may have no benefit or even harm.
8. **Blood pressure management in the year after a stroke**
VA- RRP 11-267 4/30/12 – 6/30/13
PI: Cheng
Co-PI: Roumie (10%)
To measure treatment intensification and its impact on BP values one year after stroke among a cohort of veterans
9. **INSPIRE Intervention for Stroke Improvement using Redesign Engineering**

SDP 09-158

2/1/10 – 2/1/13

PI: Linda S. Williams M.D.**Site Primary Investigator:** Christianne L. Roumie (3%)

To evaluate the effect of public reporting on organizational change to improve stroke care quality in VA by conducting a formative developmental evaluation in 14 VAMCs with the largest volume of acute ischemic stroke admissions to understand organizational barriers and facilitators in the delivery of high quality acute stroke care; and evaluating a System Redesign tailored intervention to improve the quality of stroke care at 7 of these VAMCs randomly assigned to the intervention compared to 7 VAMCs randomly assigned to quarterly receipt of quality performance feedback.

10. **Re-INSPIRE : Rich-context Evaluation of INSPIRE****SDP #11-190**

10/1/11 – 9/30/14

PI: Edward J. Miech, EdD**Site Primary Investigator:** Christianne L. Roumie (3%)

To qualitatively evaluate the individual sites who participated in INSPIRE and conduct an evaluation of the intervention.

11. **Brief Assessment of Health Literacy and Association with Cardiovascular Outcomes**

NIH/NHLBI R21 HL096581

2/1/2010 – 9/30/2012

PI: Sunil Kripalani, M.D. (PI)**Investigator:** Christianne L. Roumie (10%)

This proposal will establish the feasibility of incorporating brief health literacy questions into an electronic health record upon hospital admission for use as a research tool, perform a psychometric evaluation of the brief health literacy questions, and examine the independent association of the brief health literacy questions with important clinical outcomes including blood pressure control and heart failure readmissions

12. **Risk of Cardiovascular Disease with Insulin and Oral Hypoglycemic Meds (VA HSR&D Career development Transition Award)****PI:** Christianne L. Roumie (80%)

7/1/09 – 6/30/2011

Career development Transition award to provide another 2 years of salary support while conducting the research described in the VA Merit award.

13. **HTN- IMPROVE Hypertension Telemedicine Nurse Implementation Project for Veterans****RRP 09-196**

8/1/10 – 7/30/2011

PI: George Jackson**Site Primary Investigator:** Christianne L. Roumie (5%)

To study the processes undertaken by three VA Medical Centers as each implements telephone self-management support for hypertensive patients, we will survey members of the primary care staff to examine organizational readiness for change/implement the intervention and the organization of the system for providing hypertension care as related to the Chronic Care Model.

14. **AHRQ 27-EHC Addressing Knowledge Gaps in Type 2 Diabetes Therapeutics: Comparative Effectiveness and Safety of Oral Antidiabetic Drugs**

9/30/08 – 9/30/2010

PI: Marie R. Griffin, M.D.**Investigator:** Christianne L. Roumie (30%)

We will provide information on relative effectiveness and safety of specific oral hypoglycemic medications for initial treatment of diabetes. Outcomes include proximal outcomes of safety and effectiveness: such as weight change, hemoglobin A1C reduction, change in lipid profiles and hypoglycemic admissions. Distal outcomes include time to cardiovascular event and time to renal replacement therapy or the halving of GFR.

15. **Pharmacist Intervention for Low Literacy in Cardiovascular Disease (PILL-CVD)**
1R01HL089755-01
PI: Sunil Kripalani, M.D. 10/1/07 – 9/30/2010
Investigator- Christianne L. Roumie, M.D. (10%)
 The objective of this research is to reduce the incidence of serious medication errors during the first 30 days after hospital discharge among patients hospitalized with acute coronary syndromes (ACS) or heart failure (HF) exacerbation. We will conduct a randomized controlled trial of a literacy-sensitive, pharmacist-based intervention in 862 patients discharged from the general medicine service at two academic medical centers: Vanderbilt University and Brigham and Women's Hospital.
16. **Implementation of Targeted Evidence Based Clinical Improvements To Overcome Clinical Inertia**
 VA HSR&D Career Development Award (90%)
 RCD 04-342-2
PI- Christianne L. Roumie, M.D. 7/1/2006 – 6/30/2009
 The objective of this research is implementation of quality improvement strategies and prevention of cardiovascular outcomes. She will facilitate collaboration with other cardiovascular and quality improvement researchers to translate findings into sustainable clinical interventions. The research plan is designed to develop a strong working relationship with colleagues in the implementation and quality improvement sciences.
17. **VA HSRD Planning Grant for Improving Implementation of best practices**
 VISN / HSR Collaborative IMV 04-091-1 10/1/04 -- 9/30/05
PI- Theodore Speroff, PhD
Co- Investigator- Christianne L. Roumie, M.D.
18. **VA R&D CRCoE Tennessee Valley VA Clinical Research Center of Excellence**
PI- Marie R. Griffin M.D., M.P.H.
Investigator- Christianne L. Roumie, M.D. (90%) 10/1/04 – 6/30/2006

PUBLICATIONS AND PRESENTATIONS

Original research publications (peer reviewed) *Indicates Corresponding Author

2004

1. **Roumie CL***; Grogan EL; Falbe W; Awad J; Speroff T; Dittus RS; Elasy TA A three part intervention to change the use of hormone Replacement therapy in response to new evidence. *Annals Intern Med.* 2004 Jul 20;141(2):118-25.
2. **Roumie CL***; Griffin MR. Over the counter analgesics in older adults: A call for improved labeling and consumer education. *Drugs and Aging* 2004;21(8):485-98.
3. Grogan EL; Speroff TS; Deppen S; **Roumie CL**, Elasy TA, Dittus RS; Rosenbloom ST; Holzman M.D.. Improving documentation of patient acuity level using a progress note template. *Journal of the American College of Surgeons* 2004: Sept;199(3):468-75

2005

4. **Roumie CL***; Halasa NB; Edwards KM; Zhu Y; Dittus RS; Griffin MR; Differences in antibiotic prescribing among physicians, residents and non physician providers. *American Journal of Medicine* 2005: June; 118: 641-648
5. **Roumie CL***; Halasa NB; Grijalva CG; Edwards KM; Zhu Y; Dittus RS; Griffin MR Trends in antibiotic prescribing for adults in the United States, 1995-2002 *Journal General Internal Medicine* 2005; August 20 (8): 697-702.
6. **Roumie CL***; Arbogast P., Mitchel E.; Griffin MR.: Prescriptions for Chronic High-Dose Cyclooxygenase-2 Inhibitors are Often Inappropriate and Potentially Dangerous *J Gen Intern Med* October 2005; 20(10): 879-83

2006

7. **Roumie CL***; T.A. Elasy; R. Greevy; Griffin MR; Liu X; Stone WJ; Wallston K.A.; Dittus R.S.; Alvarez V.; Cobb J.; Speroff T.. Improving Blood Pressure Control in Veterans through Provider Education, Provider Alerts, and Patient Education: A Cluster Randomized Trial *Annals of Internal Medicine* 2006 August 1; 145(3) 165-176

2007

8. **Roumie CL***; Elasy TA; Wallston K; Pratt S; Greevy R A; Liu, X; Alvarez V; Dittus RS; Speroff T. Clinical Inertia: A common barrier to changing provider prescribing behavior *Joint Commission Journal on Quality and Patient Safety* 2007 May;33(5):277-85.
9. Huizinga MM, **Roumie CL**, Elasy TA, Murff H, Pini TM, Greevy R, Liu X, Speroff T, Dittus RS, Griffin MR. Changes in Incident Diabetes Prescriptions from 2000 to 2005, (*Diabetes Care* 30:e85 2007)

2008

10. **Roumie CL***; Mitchel E.; Gideon PS; Varas-Lorenzo C.; Castellsague J.; Griffin MR. Validation of administrative health data to identify incident strokes *Pharmacoepidemiology and Drug Safety* 2008 Jan 17 (1)pages 20-26
11. **Roumie CL***; Mitchel E.; Kaltenbach L; Arbogast PG; Gideon PS; Griffin MR. Non Aspirin NSAIDs, Cyclo-Oxygenase 2 Inhibitors and the Risk for Stroke *Stroke* July 2008;39:2037
12. Huang RL, Donelli A; Byrd J; Mickiewicz MA.; Slovis C; **Roumie CL** ; Elasy TA, Dittus RS, Speroff T, Disalvo T, Zhao D. Using Quality Improvement Methods to Improve Door-to-Balloon Time at an Academic Medical Center *J Invasive Cardiol.* 2008;20:46-52.
13. Schuberth JL; Elasy TA; Butler J.; Greevy R.; Speroff T.; Dittus RS; **Roumie CL*** Changes in Residency Work Hours: The Impact of the Short Call Team on Length of Stay and Quality of Care for Decompensated Heart Failure *Circulation* May 20 2008 117: 2567-2569
Accompanied by an Editorial

2009

14. Pini TM; Griffin MR; **Roumie CL** Huizinga MM, Fowke JH, Greevy R, Liu X, Murff HJ. The effect of thiazolidinediones on prostate specific antigen levels in men with diabetes *Cancer Epidemiology Biomarkers & Prevention* 18, 1937, June 1, 2009
15. **Roumie CL***; Choma NN; Kaltenbach L, Mitchel EF, Arbogast PG, Griffin MR Non Aspirin NSAIDs, Cyclo-Oxygenase 2 Inhibitors and the Risk for cardiovascular events—stroke, acute myocardial infarction, and sudden cardiac death *Pharmacoepidemiology and Drug Safety* 2009 Volume 18 Issue 11, Pages 1053 - 1063
16. Munson GW, Wallston KA, Dittus RS, Speroff T, **Roumie CL*** Activation and adaptability: Correlations with healthcare outcomes among veterans with inflammatory bowel disease (IBD) *Journal of General Internal Medicine* Volume 24, Number 7 / July, 2009
17. Choma NN; Huang RL; Dittus RS; Burnham KE; **Roumie CL*** Quality Improvement Initiatives Improves Hypertension Care *Circulation Cardiovascular Quality and Outcomes* vol 2: 392-398, 2009, doi: 10.1161/CIRCOUTCOMES.109.862714
This article was accompanied by an American Heart Association Press release with significant publicity— The news article was subsequently featured by MSN news, Web M.D. and other online news features. There were more than 1.6 million “hits” to the online MSN news article. This article was also accompanied by an editorial.
18. Choma NN; Griffin MR; Huang RL; Mitchel EF; Kaltenbach L; Gideon P; Dyer S; **Roumie CL*** An algorithm to identify incident myocardial infarction using Medicaid data *Pharmacoepidemiology and Drug Safety* 2009 Volume 18 Issue 11, Pages 1064 - 1071

2010

19. Schnipper JL; **Roumie CL**; Cawthon C.; Businger A; Dalal AK; Mugalla I; Eden S; Jacobson, TA;

Rask KJ; Vaccarino V; Gandhi TK; Bates DW; Johnson DC; Labonville S; Gregory D; Kripalani S. The Rationale and Design of the Pharmacist Intervention for Low Literacy in Cardiovascular Disease (PILL-CVD) Study *Circulation Cardiovascular Quality and Outcomes* 2010;3:212-219

20. Bosworth HB; Almirall D; Weiner BJ; Maciejewski M; Kaufman MA; Powers BJ; Oddone, EZ; Lee, SD; Damush, TM; Smith, V; Olsen, MK; Anderson D; **Roumie CL**; Rakley S; Bowen, ME; Kravitz JD; Jackson GL. The Implementation of a Translational Study Involving a Primary Care Based Behavioral Program to Improve Blood Pressure Control: The HTN-IMPROVE Study Protocol (01295) *Implementation Science* 2010, 5:54 doi: 10.1186/1748-5908-5-54
21. Salanitro,AH; **Roumie, CL** Blood Pressure Management in Patients With Diabetes *Clinical Diabetes* July 22, 2010 vol. 28 no. 3 107-114 doi: 10.2337/diaclin.28.3.107

2011

22. **Roumie CL***, Huizinga MM; Liu, X; Greevy RA; Grijalva CG; Murff HJ; Hung AM; Griffin MR.; The effect of incident diabetes regimens on lipid profiles in veterans with Type 2 Diabetes *Pharmacoepidemiology and Drug Safety* January 2011 DOI: 10.1002/pds.2029
23. Huizinga MM, **Roumie CL***, Greevy RA, Liu X, Murff HJ, Griffin MR. Comparative Effectiveness of Hemoglobin A1C and Weight Change Associated with Incident Diabetes Regimens *Pharmacoepidemiology and Drug Safety* published online: 26 SEP 2010 DOI: 10.1002/pds.2035
24. **Roumie CL***; Greevy RA; Wallston KA; Elasy TA; Kaltenbach L; Kotter K; Dittus RS; Speroff, T. Self reported patient centered care predicts medication adherence among veterans with hypertension *Journal of Behavioral Medicine* 2011, 34(4):244-53 DOI: 10.1007/s10865-010-9304-6
25. Ikard RW; Vavra D; Richman JC; Forbes RC; **Roumie CL** Management of Senescent Gynecomastia in the Veterans Health Administration *The Breast Journal* 2011: April volume 17 (2) published online 15 MAR 2011 | DOI: 10.1111/j.1524-4741.2010.01050.x
26. **Roumie CL*** Ross JS, Ofner S, Arling G, Williams LS, Ordin DL, Bravata DM. The quality of hypertension care among veterans after hospitalization for an acute ischemic stroke *Circulation CV quality and Outcomes* July 2011 ;4:399-407 DOI: 10.1161/CIRCOUTCOMES.110.959809
27. Ross JS, Arling G, Ofner S, **Roumie CL**, Keyhani S, Williams LS, Ordin DL, Bravata DM. Correlation between inpatient and outpatient measures of stroke care quality within Veterans Health Administration hospitals. *Stroke* August 2011; 42: 2269-75 doi:10.1161/STROKEAHA.110.611913
28. Marvanova, M.; **Roumie CL**; Eden SK, Cawthon C, Schnipper JL; Kripalani S. Medication Understanding and Relationship to Health Literacy among Patients with Chronic Cardiovascular Diseases *Journal of Hospital Medicine* Volume 6, Issue 9, pages 488–493, November/December 2011
29. Greevy RA, Huizinga MM, **Roumie CL**, Murff H, Liu X, Griffin, MR The Impact of Adherence Requirements and Stockpiling on Estimating the Persistence on Oral Anti-Diabetic Therapy Using Electronic Health Records *Clinical Pharmacology and Therapeutics* December 2011, 90: 813-819;

2012

30. Arling G.; Reeves M.; Ross J.; Williams LS; Keyhani S.; Chumbler N.; Phipps MS; **Roumie CL**; Myers L.; Salanitro A.; Ordin D.; Myers J.; Bravata DM Estimating and Reporting on the Quality of Inpatient Stroke Care by Veterans Health Administration Medical Centers *Circulation: Cardiovascular Quality and Outcomes* Jan 2012; 5: 44-51 doi: 10.1161/CIRCOUTCOMES.111.961474
31. Choma NN; Griffin MR; Greevy R; Kaltenbach L; **Roumie CL*** Blood Pressure Control among Patients with Hypertension and Newly Diagnosed Diabetes *Diabetic Medicine* online Dec 19, 2011 DOI: 10.1111/j.1464-5491.2011.03548.x
32. Hung AM; **Roumie CL**; Greevy RA; Liu X; Grijalva CG; Murff HJ; Ikizler TA; Griffin MR. Comparative Effectiveness of Incident Oral Anti-diabetic Drugs on Kidney Function in Type 2 diabetes a national retrospective cohort *Kidney International* 18 January 2012, doi: 10.1038/ki.2011.444
Less than 30 days after release was one of the top 5 downloads for *Kidney International*
33. Salanitro AH; Osborne CY; Schnipper JL; **Roumie CL**; Labonville S; Johnson DC; Neal E; Cawthon C; Businger A; Dalal AK; Kripalani S. Effect of patient- and medication-related factors on inpatient medication reconciliation errors *Journal of General Internal Medicine* 2012 Aug;27(8):924-32.
34. **Roumie CL***; Choma NN; Liu X; Grijalva CG; Greevy RA; Hung AM; Griffin MR. Initiation of sulfonylureas versus metformin is associated with higher blood pressure at one year *Pharmacoepidemiology and Drug Safety* 19 MAR 2012, DOI: 10.1002/pds.3249
35. Greevy R; Grijalva C; **Roumie CL**; Beck C; Hung AM; Murff HJ; Liu X; Griffin MR Reweighted Mahalanobis Distance Matching for Cluster Randomized Trials with Missing Data *Pharmacoepidemiology and Drug Safety* 3 MAY 2012, DOI: 10.1002/pds.3260
36. Kripalani S; **Roumie CL**; Dalal AK; Cawthon C; Businger A; Eden SK; Shintani A; Cunningham Sponsler K; Harris LJ; Theobald C; Huang RL; Scheurer D; Hunt S; Jacobson TA; Rask KJ; Vaccarino V; Gandhi TK; Bates DW; Williams MV; and Schnipper JL for the PILL-CVD study group Effect of a Pharmacist Intervention on Serious Medication Errors after Hospital Discharge: A Randomized Controlled Trial *Annals of Internal Medicine* 2012;157:1-10.
37. **Roumie CL***; Hung AM; Greevy RA; Grijalva CG; Liu X; Murff HJ; Elasy TA; Griffin MR. Comparative effectiveness of sulfonylurea and metformin monotherapy on cardiovascular events in type 2 diabetes mellitus *Annals of Internal Medicine* 2012; 157 (9): 601-10
Accompanied by an editorial and author video

2013

38. Niesner, K; Murff, HJ; Griffin, MR; Wasserman, B; Greevy, R; Grijalva, CG; **Roumie, CL*** Accuracy of Veterans Health Administration administrative data for the identification of cardiovascular hospitalization and important covariates *Epidemiology* 24(2):334-335, March 2013

39. Hung AM; **Roumie CL**; Greevy RA; Grijalva CG; Murff HJ; Liu X; Griffin MR Kidney function decline in metformin versus sulfonylurea initiators: assessment of time-dependent contribution of weight, blood pressure and glycemic control *Pharmacoepidemiology and Drug Safety* June 2013; 22 (6) 623-631 DOI: 10.1002/pds.3432
*****Ronald D. Mann Best Paper Award published in Pharmacoepidemiology and Drug Safety (PDS) in the year 2013*****
40. Bowen ME, Bosworth HB, **Roumie CL**. The Effect of Distance to Primary Care on Response to a Hypertension Telemedicine intervention and Change in Systolic Blood Pressure *Journal of Clinical Hypertension* 23 JUL 2013 DOI: 10.1111/jch.12172
41. Shaw RJ, Kaufman MA, Bosworth HB, Weiner BJ, Zullig LL, Lee SY, Kravetz JD, Rakley SM, **Roumie CL**, Bowen ME, Del Monte PS, Oddone EZ, Jackson GL. Organizational factors associated with readiness to implement and translate a primary care based behavioral program to improve blood pressure control: The HTN-IMPROVE study *Implementation Science* 2013, **8**:106 doi:10.1186/1748-5908-8-106
42. Ikard, RW; Snyder RA; **Roumie CL** Postoperative Morbidity and Mortality among Veterans Health Administration Patients Undergoing Surgical Resection for Large Bowel Polyps *Digestive Surgery* 10/2013; 30(4-5):394-400.
43. Karpinos AK; **Roumie CL**; Nian H; Diamond AB; Rothman RL Prevalence of Hypertension Among Collegiate Male Athletes *Circulation Cardiovascular Outcomes and Quality* 2013; Published online Nov 12. doi: 10.1161/CIRCOUTCOMES.113.000463
 * Circulation Editors Pick
44. Willens D; Kripalani S; Schildcrout J; Cawthon C; Wallston K; Mion L; Davis C; Danciu I; Woods M; Rothman R; **Roumie CL** Association of brief health literacy screening questions with blood pressure in primary care *Journal of Health Communication* 2013 December; 18(Suppl 1): 129–142. doi: 10.1080/10810730.2013.825663
45. Schmittziel JA; Adams SR; Segal J; Griffin MR; **Roumie CL**; Ohnsorg K; Grant RW; O'Connor PJ Low Rates of Pre-Diabetes Recognition and Treatment: Brief Report from an Integrated Electronic Health Records Pilot Study *Diabetes Care*; 2013 Published online November 22, 2013, doi: 10.2337/dc13-1223

2014

46. McNaughton C; Kripalani S; Cawthon C; Mion LC; Wallston KA; **Roumie CL*** Association of Health Literacy With Elevated Blood Pressure: A Cohort Study of Hospitalized Patients In *Medical Care* April 2014; 52(4) p 346-353
47. Cawthon C; Mion LC; Willens D; **Roumie CL**; Kripalani S Implementation of routine health literacy assessment in hospital and primary care patients *Joint Commission Journal on Quality and Patient Safety* 2014; 40 (2) p68-76

48. Snyder RA; Mainthia R; Patel R; Dittus RS; **Roumie CL*** Quality of colorectal cancer care among veterans: A 10 year retrospective cohort *Annals of Surgical Oncology* 2014 April 21
49. Karpinos AR; Rizzone KH; Cribbs SP; **Roumie, CL** Low Proportion of High School Senior Athletes Receiving Recommended Immunizations *The Physician and Sports Medicine* May 2014; 42 (2):71-9
DOI: 10.3810/psm.2014.05.2059
50. **Roumie CL**; Greevy RA; Grijalva CG; Hung AM; Liu X; Murff HJ; Elasy TA; Griffin MR. Association between intensification of metformin treatment with insulin vs sulfonylureas and cardiovascular events and all-cause mortality among patients with diabetes *JAMA* June 11, 2014; 311(22):2288-2296. doi:10.1001/jama.2014.4312.
***Accompanied by editorial and featured in more than 17 news outlets including Medscape; WebMD; Medpage today; and US news**
51. **The SPRINT Study Research Group** The design and rationale of a multi-center clinical trial comparing 2 strategies for control of systolic blood pressure: The Systolic Blood Pressure Intervention Trial: (SPRINT) *Clin Trials* October 2014 vol. 11 no. 5 532-546
doi: 10.1177/1740774514537404
52. Murff, HJ; **Roumie, CL**; Greevy RA; Grijalva, CG; Hung, AH; Liu, X; Griffin MR
Thiazolidinedione and Metformin Use and the Risk of Benign Prostate Hyperplasia in Veterans with Diabetes Mellitus *Journal of Men's Health* Dec 1, 2014 11 (4): 157-162

2015

53. **Roumie CL***; Zillich AJ; Bravata DM; Jaynes H A; Myers LJ; Yoder J; Cheng EM Hypertension treatment intensification among stroke survivors who have uncontrolled blood pressure *Stroke* February 2015;46:00-00. DOI: 10.1161/STROKEAHA.114.007566.)
54. Grijalva CG; **Roumie CL**; Murff HJ; Beck C; Liu X; Griffin MR; Greevy RA The role of matching in adjustments for baseline differences between exposure groups in before and after assessments of medication effects *Comparative effectiveness research* 2015;4(4):341-9. doi: 10.2217/ce.15.16.
55. McNaughton CD; Cawthon C; Kripalani S; Liu D; Storrow AB; **Roumie CL** Health literacy and risk of death after hospitalization for heart failure *JAHA* 4(5) · April 2015 DOI: 10.1161/JAHA.115.001799
56. Vella MA; Kummerow Broman K; Tarpley JL; Dittus RS; **Roumie CL** Postoperative Telehealth Visits: Assessment of Quality and Veteran Preferences *JAMA Surgery*150(12):1-2 September 2015 DOI: 10.1001/jamasurg.2015.2660
57. **The SPRINT Study Research Group** A randomized trial of Intensive versus Standard Blood Pressure Control *New England Journal of Medicine* 2015 November 9
58. Rizzone KH, Diamond A, Wallston K, McPheeter M, **Roumie C**. Development of a Survey to Examine Sports Specialization and Injury Risk Among College Athletes. *CJSM*. 2015; 25(2): 219.
59. Pajewski N; Applegate W; Berlowitz D; Bolin L; Chertow G; Krousel-Wood M; Lopez Barrera N; Powell J; **Roumie CL**; Still C; Sink K; Tang R; Wright C; Williamson J; Supiano M; Retrospective

construction of a frailty index in the Systolic Blood Pressure Intervention (SPRINT) Trial *Journal of American Gerontological Society* 71(5):glv228 · January 2016 DOI: 10.1093/gerona/glv228

2016

60. **Roumie CL***; Min, JY; Greevy RA; Grijalva CG; Hung AM; Liu X; Griffin MR Association of metformin with insulin versus sulfonylureas and risk of hypoglycemia *CMAJ* January 25, 2016 doi: 10.1503/cmaj.150904
61. Min JY; Griffin MR; Hung AM; Grijalva CG; Greevy RA; Liu X; Elasy T; **Roumie CL*** Comparative Effectiveness of Insulin versus Combination Sulfonylurea and Insulin: A Cohort Study of Veterans with Type 2 Diabetes *Journal of General Internal Medicine* February 2016 DOI: 10.1007/s11606-016-3633-2
62. Bell SP, Schnipper JL, Goggins K, Bian A, Shintani A, **Roumie CL**, Dalal AK, Jacobson TA, Rask KJ, Vaccarino V, Gandhi TK, Labonville SA, Johnson D, Neal EB, Kripalani S Effect of Pharmacist Counseling Intervention on Health Care Utilization Following Hospital Discharge: A Randomized Control Trial., Pharmacist Intervention for Low Literacy in Cardiovascular Disease (PILL-CVD) Study Group *J Gen Intern Med* - March 2016 DOI: 10.1007/s11606-016-3596-3
63. Chang T; Evans, G; Cheung AK; Cushman WC; Diamond MJ; Dwyer JP; Huan Y; Kitzman D; Kostis JB; Oparil S; Rastogi A; **Roumie CL**; Sahay R; Stafford RS; Taylor AA; Wright JT; Chertow GM for the SPRINT Study Research Group Patterns and Correlates Of Baseline Thiazide-Type Diuretic Prescription in the Systolic Blood Pressure Intervention Trial (SPRINT) *Hypertension* 67(3): DOI: 10.1161/HYPERTENSIONAHA.115.06851
64. Ramsey TM; Snyder JK; Lovato LC; **Roumie CL**; Glasser SP; Cosgrove NM; Olney CM; Tang RH; Johnson KC; Still CH; Gren LH; Childs JC; Crago OL; Summerson JH; Walsh SM; Perdue LH; Bankowski DM; Goff DC for the SPRINT Study Research Group Recruitment Strategies and Challenges in a Large Intervention Trial: Systolic Blood Pressure Intervention Trial (SPRINT) *Clinical Trials* 13(3) · February 2016 · DOI: 10.1177/1740774516631735
65. Kummerow Broman K, Vella MA, Tarpley JL, Dittus RS, **Roumie CL** Identification of postoperative care amenable to telehealth. *Surgery* - 2016 Apr 5 DOI:10.1016/j.surg.2016.02.015
66. Williamson JD; Supiano MA; Applegate WB; Berlowitz DR; Campbell RC; Chertow GM; Fine LJ; Haley WE; Hawfield AT; Ix JH; Kitzman DW; Kostis JB; Krousel-Wood MA; Launer LJ; Oparil S; Rodriguez CJ; **Roumie CL**; Shorr RI; Sink KM; Wadley VJ; Whelton PK; Whittle J; Woolard NF; Wright JT; Pajewski NM for the SPRINT Research Group Intensive Blood Pressure Control in Adults 75 Years of Age and Older: The Systolic Blood Pressure Intervention Trial *JAMA* May 19, 2016. doi:10.1001/jama.2016.7050
67. **Roumie CL***; Greevy RA; Grijalva CG; Hung AM; Liu X; Murff HJ; Griffin MR Patterns of diabetes treatment intensification and associated adherence *BMC Endocrinology* 2016 16:32 DOI: 10.1186/s12902-016-0101-2
68. Phillipi JC; Holley SL; Schorn MN; Lauderdale J; **Roumie CL**; Bennett K On the Same Page: A Novel Interprofessional Model of Patient-Centered Perinatal Consultation Visits *Journal of Perinatology* 2016 Aug 18. doi: 10.1038/jp.2016.124.

69. Hung AM; **Roumie CL**; Greevy RA; Grijalva CG; Liu X; Murff HJ; Ikizler TA; Griffin MR Risk of nephropathy associated with choice of add-on therapy for diabetes treatment after metformin *Clinical Journal of the American Society of Nephrology* 02630316
70. Broman KK; **Roumie CL**; Stewart MK; Castellanos JA; Tarpley JL; Dittus RS; Pierce RA Implementation of a Telephone Postoperative Clinic in an Integrated Health System *Journal of the American College of Surgeons* 2016; July 29
71. Haley W; Gilbert O; Riley R; Newman J; **Roumie CL** Whittle J; Kronish I; Tamariz L; Wiggers A; Morisky DE; Conroy M; Kovalik E; Kressin N; Muntner P; Goff D. The Association between Self-Reported Medication Adherence Scores and Systolic Blood Pressure Control: A SPRINT Baseline Data Study *Journal of the American Society of Hypertension* 2016 10 (11) 857-64

2017

72. **Roumie CL***; Presley C; Min JY; McGowan LD; Grijalva C; Hackstadt A; Hung AM; Greevy RA; Elasy T; Griffin MR Comparative safety of sulfonylurea and metformin monotherapy on incident and recurrent heart failure: a cohort study *Journal of the American Heart Association* 2017; 6 (4), e005379
73. Jackson GL; **Roumie CL**; Rakley SM; Kravetz JD; Kirshner MA; Del Monte PS; Bowen ME; Oddone EZ; Weiner BJ; Shaw RJ; Bosworth HB Linkage between Theory-Based Measurement of Organizational Readiness for Change and Lessons Learned Conducting Quality Improvement focused Research *Learning Healthcare Systems* 2017: 1 (2)
74. McNaughton CD, Brown NJ; Rothman RL; Liu D; Kabagambe EK; Levy P; Self WH; Storrow AB; Collins SP; **Roumie CL** Systolic blood pressure and Biochemical Assessment of Adherence: A Cross-Sectional Analysis in the Emergency Department *Hypertension* Aug;70(2):307-314. doi: 10.1161/HYPERTENSIONAHA.117.09659. Epub 2017 Jun 26.
75. Theobald C; Resnick M; Spain T; **Roumie CL** A Multifaceted Quality Improvement Strategy Reduces the Risk of Catheter-Associated Urinary Tract Infection *International Journal for Quality in Healthcare* doi: 10.1093/intqhc/mzx073
76. Bress, AP; King J; Kreider KE; Beddhu S; Simmons DL; Cheung AK; Zhang Y; Doumas M; Nord J; Sweeney ME; Taylor AA; Herring C; Kostis W; Powell J.; Rastogi A.; **Roumie CL**; Wiggers A.; Williams JS.; Yunis R; Zias A; Evans G; Greene T; Rocco MV; Cushman W.C; Reboussin D.M.; Feinglos M.N; Papademetriou V. for the SPRINT Research Group Effect of intensive versus standard blood pressure treatment according to baseline prediabetes status A post-hoc analysis of a randomized trial *Diabetes Care*
77. Heerman W, Jackson N, **Roumie CL**, Harris P, Rosenbloom ST, Pulley J, Wilkins C, Williams N, Crenshaw C, Leak C, Scherdin J, Munoz D, Bachmann J, Rothman J, Kripalani S. Recruitment Methods for Survey Research: Findings from the Mid-South Clinical Data Research. *In Press, Contemporary Clinical Trials* August 17, 2017; 62:50-55. PMID 28823925.
78. Spalluto LB; **Roumie CL**; Schlundt DG; DeBenedictis CM; Wilkins CH Women's Response to State Mandated Dense Breast Notification Language *The Breast Journal*
79. Powers, J; Samuels LR; Hu JR; **Roumie CL** Veterans Geriatric Multifactorial Falls Assessment Clinic is Associated with Lower Fall Rate *J Ger Ag Res* 2017;1:102.

2018

80. Bravata DM; Daggy J; Brosch J; Sico JJ; Baye F; Myers LJ; **Roumie CL**; Cheng E; Coffing J; Arling G A comparison of Risk Factor Control in the Year After Ischemic Stroke Compared to After Acute Myocardial Infarction *Stroke* <https://doi.org/10.1161/STROKEAHA.117.017142> 2018;49:296–303
81. Presley C; Min JY; Chipman J; Greevy RA; Grijalva C; Griffin MR; **Roumie CL** Validation of an algorithm to identify heart failure hospitalizations within the Veterans Health Administration system *BMJ open*
82. Bachmann JM; Mayberry LS; Wallston KA; Huang S; **Roumie CL**; Muñoz D; Patel N; Kripalani SK Relation of Perceived Health Competence to Physical Activity in Patients with Coronary Heart Disease *American Journal of Cardiology* Volume 121, Issue 9, Pages 1032–1038
83. Hung AM; Siew ED; Wilson OD; Perkins AM; Greevy RA; Abdel-Kader K; Parr SK; **Roumie CL**; Griffin MR; Ikizler TA; Speroff T; Matheny ME Risk of Hypoglycemia after Hospital Discharge Following Acute Kidney Injury *Diabetes Care* March; 41(3): 503-12
84. **Roumie CL***; Patel NJ; Muñoz D; Bachmann J; Stahl A; Case R; Leak C; Kripalani S Rationale and Design of the Patient Centered Outcomes Research Institute: Coronary Heart Disease Cohort Study *Contemporary Clinical Trials* (2018), doi: 10.1016/j.conctc.2018.03.001.
85. Yeh VM; Mayberry LS; Bachmann JM; Wallston KA; **Roumie CL**; Muñoz D; Kripalani SK Depressed mood, perceived health competence and health behaviors: A cross-sectional mediation study in outpatients with coronary heart disease *Journal of General Internal Medicine*
86. Phillippi, J.C., Doersam, J.K., Neal, J. L., **Roumie, CL**. (2018). Electronic Informed Consent to Facilitate Recruitment of Pregnant Women into Research. *Journal of Obstetric, Gynecologic, and Neonatal Nursing* 47(4), 529-534.
87. Murff, HJ; **Roumie CL**; Greevy RA; Grijalva C; Hackstadt A; Hung AM; Griffin MR Metformin Use and Incident Cancer Risk: Evidence for a Selective Effect in Liver Cancer In Press *Cancer Causes and Control*
88. Ayush Giri, Jacklyn N. Hellwege, Jacob M. Keaton Jihwan Park, Eric S. Torstenson, Csaba P. Kovesdy, Yan V. Sun Otis D. Wilson, Cassianne Robinson-Cohen, **Christianne L. Roumie**, Cecilia P. Chung, Kelly A. Birdwell, Scott M. Damrauer, Scott L. DuVall, Derek Klarin, Kelly Cho, Helen R. Warren, Evangelos Evangelou, Claudia P. Cabrera, Louise V. Wain, Chengxiang Qiu, Rojesh Shrestha, Brian S. Mautz, Muralidharan Sargurupremraj, Stéphanie Durette, Anne U. Jackson, Jian'an Luan, Jing-Hua Zhao, Sara M. Willems, Sébastien Thériault, Nabi Shah, Christopher Oldmeadow, Peter Almgren, Ruifang Li-Gao, Niek Verweij, Thibaud S Boutin, Massimo Mangino, Ioanna Ntalla, Nuno Sepúlveda, Tom G. Richardson, Elena Feofanova, James P. Cook, Aldi Kraja, Savita Karthikeyan, Najim Lahrouch , Chunyu Liu, Philippe Amouyel, Martin Farrall, Neil Poulter, USSG, ICBP, BP-ICE, Patricia B. Munroe, Markku Laakso, Eleftheria Zeggini, Peter Sever, Praveen Surendran, Robert A Scott, Claudia Langenberg, Nicholas J Wareham, David Conen, Colin Neil Alexander Palmer, John Attia, Daniel I. Chasman, Paul M Ridker, Olle Melander, Dennis Owen Mook-Kanamori, Pim van der Harst, Francesco Cucca, David Schlessinger, Caroline Hayward, Tim D Spector, Marjo-Riitta Jarvelin, Branwen J. Hennig, Nicholas J. Timpson, Michael E. Matheny, Edward E. Siew, Cecilia Lindgren , Karl-Heinz Herzig, George Dedoussis, Joshua C. Denny, Wei-Qi Wei, Joshua C. Smith, Joanna M. M. Howson, Christopher Newton-Cheh, Mark J. Caulfield, Paul Elliot, J. Michael Gaziano, John Concato, Peter W.F. Wilson, Philip S. Tsao, Digna R. Velez

Edwards, Katalin Susztak, on behalf of the Million Veteran Program Chris O'Donnell Adriana M. Hung and Todd L. Edwards Genome, phenome and transcriptome study of blood pressure determinants in over 750,000 individuals *Nature Genetics* <https://doi.org/10.1038/s41588-018-0303-9>

89. Presley C; Min JY; Chipman J; Greevy RA; Grijalva C; Griffin MR; **Roumie CL** Evaluation of patient frailty as an unmeasured confounder in observational studies of antidiabetic medications In press *Journal of Gerontology* 2018 Sep 26. doi: 10.1093/gerona/gly224
90. Pfaff E; Lee A; Bradford R; Pae J; Potter C; Blue P; Knoepp P; Thompson K; **Roumie CL**; Crenshaw D; Servis R; DeWalt DA Recruiting for a Pragmatic Trial Using the Electronic Health Record and Patient Portal: Successes and Lessons Learned *JAMIA* 2018, Nov 16
91. Min JY; Griffin MR; Chipman J; Hackstadt A; Greevy R; Grijalva C; Hung A; **Roumie CL** Recent Metformin Adherence and the Risk of Hypoglycemia in the Year Following Intensification with a Sulphonylurea *Diabetic Medicine* <https://doi.org/10.1111/dme.13853>
92. Wilson JE; Boehm L; Samuels L; Unger D; Leonard M; **Roumie CL**; Ely EW; Dittus RS; Misra S; Han JH Use of the brief Confusion Assessment Method in a Veteran Palliative Care Population: A Pilot Validation Study In Press-*Palliative & Supportive Care* DOI: 10.1017/S1478951518001050

2019

93. Wiese AD; **Roumie CL**; Buse JB; Guzman H; Bradford R; Zalimeni E; Knoepp P; Morris H; Donahoo WT; Fanous N; Epstein BF; Ayala SJ; Worley KJ; Bachmann KN; Grijalva CG; Rothman RL; Chakkalakal RJ Performance of a computable phenotype for identification of patients with diabetes within PCORnet: The Patient-Centered Clinical Research Network *Pharmacoepidemiol Drug Saf.* 2019;1–8. <https://doi.org/10.1002/pds.4718>
94. Liberman, JS; Goggins, K; Samuels, L; Kripalani, S; **Roumie CL** Post-Discharge Opioid Prescriptions and Their Association with Healthcare Utilization in the VICS Cohort *JAHA* <https://doi.org/10.1161/JAHA.118.010664>
*Accompanied by American Heart Association Press release and over **98,778,600** media impressions Altmetric Score 102. In addition, the news had an additional **75,883** views via AHA social media channels.
95. Lewis JA; Chen H; Weaver KE; Spalluto LB; Sandler KL; Horn L; Massion PP; **Roumie CL**; Tindle HA Providers knowledge of Lung cancer screening and behaviors *JCCN* <https://doi.org/10.6004/jnccn.2018.7101>
96. Min JY; Presley C; Wharton J; Griffin MR; Greevy R; Hung A; Chipman J; Grijalva C; Hackstadt A; **Roumie CL** Accuracy of a Composite Event Definition for Hypoglycemia *Pharmacoepidemiology and Drug Safety* 2019 ; 28 (5) 625-631 <https://doi.org/10.1002/pds.4712>
97. Mixon AS, Poppendeck H, Kripalani S, Speroff T, Schnelle J, Dittus R, **Roumie CL**. Medication discrepancies in older Veterans receiving home healthcare. *Home Healthcare* January/February 2020 - Volume 38 - Issue 1 - p 31-39 doi: 10.1097/NHH.0000000000000818
98. Presley CA, Wooldridge KT, Byerly SH, Aylor AR, **Roumie CL**, Speroff T, Kaboli PJ, Schnipper JL, Dittus RS, Mixon AS. A mentored implementation approach to improving medication reconciliation in VA hospitals: The Rural-VA-MARQUIS study. *AJHP American Journal of Health-System Pharmacy*, Volume 77, Issue 2, 15 January 2020, Pages 128–137, <https://doi.org/10.1093/ajhp/zxz275>

99. Shah SC, Zhu X, Qi D, Peek RM, Smalley W, **Roumie CL**, Shrubsole MJ. The association of dietary calcium and magnesium with gastric cancer, based on a prospective cohort analysis of the NIH-AARP Diet and Health Study. *International Journal of Cancer* <https://doi.org/10.1002/ijc.32659>
100. Min JY; Hackstadt A; Greevy R; Griffin MR; Grijalva C; Hung A; **Roumie CL** An Evaluation of Weight Change and Hypoglycemia as Mediators in the Association between Insulin Use and Death *Diabetes Obesity and Metabolism* <https://doi.org/10.1111/dom.13846>
101. Hellwege JN; Velez Edwards DR; Giri A, Qiu C; Park J; Torstenson ES; Keaton JM; Wilson OD; Robinson-Cohen C; Chung CP; **Roumie CL**; Klarin D; Damrauer SM; DuVall SL; Siew E; Akwo EA; Wuttke M; Gorski M; Li M; Li Y; Gaziano JM; Wilson PWF; Tsao PS; O'Donnell CJ; Kovesdy CP; Pattaro C; Köttgen A; Susztak K; Edwards TL; Hung AM Mapping eGFR loci to the renal transcriptome and phenome in the VA Million Veteran Program *Nature Communications* volume 10, Article number: 3842 (2019)
102. Spalluto LB, Lewis JA, LaBaze S, Sandler KL, Paulson AB, Callaway-Lane C, Grogan EL, Massion PP, **Roumie CL**. Association of a Lung Screening Program Coordinator with Adherence to Annual CT Lung Screening at a Large Academic Institution. *J Am Coll Radiol* August 13, 2019. DOI: <https://doi.org/10.1016/j.jacr.2019.08.010>
103. **Roumie CL***; Min JY; Hung AM; Hackstadt AJ; Chipman J; Greevy RA; Grijalva CG; Elasy TA; Griffin MR Major Adverse Cardiovascular Events among patients with kidney disease treated with Metformin or Sulfonylurea *JAMA* 2019;322(12):1167-1177. doi:10.1001/jama.2019.13206
*** Released in conjunction with the European Association for Study of Diabetes National Meeting. Accompanied by editorial and Altmetric Score > 450 within the first week. More than 30,000 views on JAMA website**
*** Recipient of the VUMC Biomedical Science Impact Award**
104. **Roumie CL***; Hung AM; Basile J; Kreider KE; Nord J; Ramsey TM; Rastogi A; Sweeney ME; Tamariz L; Kostis W; Williams J; Zias A; Cushman W for the SPRINT Research Group Blood Pressure control and the association with Diabetes Incidence: Results from the SPRINT study <https://doi.org/10.1161/HYPERTENSIONAHA.118.12572> Hypertension. 2020;75:331–338
*** Accompanied by Commentary**
105. Apple R, Samuels LR, McGee-Swope K, Alsup C, Dewey C, **Roumie CL** The relationship between institution-affiliated childcare and employee stress, *Journal of Occupational and Environmental Medicine* https://journals.lww.com/joem/Abstract/publishahead/The_Relationship_Between_Institution_affiliated.98307.aspx

2020

106. Juraschek SP; Taylor AA; Evans GW; Townsend RR; Miller III ER; Plante TB; Cushman WC; Gure TR; Haley WE; Moinuddin I; Nord J; Oparil S; Pedley C; **Roumie CL**; Whittle J; Wiggers A; Finucane C; Kenny RA; Appel LJ; Wright, Jr. JT Orthostatic Hypotension, Cardiovascular Outcomes, and Adverse Events: Results from SPRINT <https://doi.org/10.1161/HYPERTENSIONAHA.119.14309> Hypertension. 2020;75:660–667
*** Selected as Hypertension High Impact paper for Spring 2020**
107. Shah S; Dai Q; Zhu X; Peek R; **Roumie CL**; Shrubsole M Associations between calcium and magnesium intake and the risk of incident oesophageal cancer: a prospective cohort analysis of the

NIH-AARP Diet and Health Study *British Journal of Cancer* 122, 1857–1864 (2020). <https://doi.org/10.1038/s41416-020-0818-6>

108. Liberman, JS; McGowan LD; Greevy RA; Morrow JA; Griffin MR; **Roumie CL**; Grijalva CG Mental Health Conditions And The Risk Of Chronic Opioid Therapy Among Patients with Rheumatoid Arthritis: A Retrospective Veterans Affairs Cohort Study In Press- *Clinical Rheumatology*
109. Chu P; Chipman J; Hackstadt AJ; Griffin MR; Hung AM; Greevy RA; Grijalva CG; Elasy T; **Roumie CL*** Lactic acidosis hospitalization among Patients with Reduced Kidney Function treated with Metformin or Sulfonylurea *Diabetes Care* <https://doi.org/10.2337/dc19-2391>
110. Edwards G; Broman KK; Smalley WE; Dittus RS; Smith LA; **Roumie CL** Virtual Colorectal Cancer Surveillance: Bringing Scope Rates to Target *Journal of the American College of Surgeons* Volume 231, Issue 2, August 2020, Pages 257-266
111. Poon S, **Roumie CL**, O'Shea C, Fabbri D, Coco J, Collins S, Levy P, McNaughton C Association of Elevated Blood Pressure in the Emergency Department With Chronically Elevated Blood Pressure (In Press- *Journal of the American Heart Association*)
112. Horstman MJ; Miltner RS; Wallhagen M; Patrician PA; Oliver BJ; **Roumie CL**; Dolansky MA; Perez F; Naik AD; Godwin KM Developing Leaders and Scholars in Healthcare Improvement: The VA Quality Scholars Program Competencies In Press *Academic Medicine*
113. Lewis JA; Samuels LR; Denton J; Matheny ME; Maiga A; Slatore CG; Grogan E; Kim J.; Sherrier RH; Dittus RS; Massion PP; Keohane L; Nikpay S; **Roumie CL** National Lung Cancer Screening Utilization Trends in the Veterans Health Administration -*Journal of National Cancer Institute Spectrum* <https://doi.org/10.1093/jncics/pkaa053>
114. Bachmann, KN; **Roumie CL**; Wiese AD; Grijalva CG; Buse JB; Bradford R; Zalimani EO; Knoepp P.; Morris HL; Donahoo WT; Fanous N; Fonseca V; Katalenich B; Choi S.; Louzao D; Obrian E; Cook MM; Rothman RL; Chakkalakal RJ Diabetes Medication Regimens and Patient Clinical Characteristics in PCORnet, the National Patient-Centered Clinical Research Network Pharmacology Research & Perspectives. 02 September 2020 <https://doi.org/10.1002/prp2.637>
115. Edwards, GC; Martin, RL; Samuels, LR; Wyman K; Bailey, CE; Kiernan, CM; Snyder, RA; Dittus, RS; **Roumie, CL** Association of Adherence to Quality Metrics with Recurrence or Mortality among Veterans with Colorectal Cancer- In Press *Journal of Gastrointestinal Surgery*
116. Jovanovich A, Ginsberg C, You Z, Katz R, Shlipak M, Ambrosius W, Berlowitz D, Chung A, Cho M, Lee A, Pancholi S, Punzi H, Rehman S, **Roumie CL**, Supiano M, Wright C, Chonchol M, Ix J FGF23, Falls, and Frailty in SPRINT- In Press *JAGS*

Other Peer Reviewed Publications

117. **Roumie, CL***; Natasha Halasa; Kathryn Edwards; et.al.; Differences in antibiotic prescribing among physicians, residents and non physician providers, In reply: (Letter) *American Journal of Medicine* 2006: May; 119, 23-24

PRESENTATIONS

International

1. Roumie, CL
Non Aspirin NSAIDs, Cyclo-Oxygenase 2 Inhibitors and the Risk for Stroke
Hamolsky Junior Faculty Award Finalist
Society of General Internal Medicine Annual Meeting, Toronto Canada April 26, 2007
2. Roumie, CL
Comparative effectiveness of oral antidiabetic medications
Invited Platform presentation Pharmacoepidemiology symposium
Queen's University Belfast, Northern Ireland October 23-27, 2011
3. Roumie, CL
Comparative Effectiveness of Insulin versus Combination Insulin and Sulfonylurea on Cardiovascular Outcomes
Invited oral presentation International Society of Pharmacoepidemiology
"Sweet Spot in Comparative Effectiveness Research"
Montreal Canada August 27, 2013
4. Roumie, CL
Invited Seminar series – Center of Excellence in Public Health Seminar Series
Queens University Belfast
"Patient Outcomes associated with Metformin Intensification"
Queen's University Belfast, Northern Ireland October 27, 2015
5. Roumie, CL
Discontinuation of oral diabetes regimens among patients with reduced renal function
International Conference on Pharmacoepidemiology
Montreal Canada (Poster discussion) August 27, 2017

National

6. Roumie CL

- Cholesterol Screening and Management among different age groups.
Society for Correctional Physicians Annual Meeting
Nashville, TN October 20, 2002
7. Roumie CL
Responding to new knowledge: The case of hormone replacement therapy
Quality Scholar Summer Institute V Research Forum, Fairlee, VT August 5, 2003
 8. Roumie, CL
Antibiotic Prescribing has decreased; but Provider differences remain
Oral Presentation at Society of General Internal Medicine National Meeting
Chicago, IL May, 2004
 9. Roumie, CL
Patient Involvement Improves Blood Pressure control in Veterans: A randomized controlled trial
Society General Internal Medicine National Meeting
Hamolsky Junior Faculty Award Finalist **Plenary Presentation**
New Orleans, L.A. May 13, 2005
 10. Roumie, CL
Starting (and Finishing) a Fellow's Project in Quality Improvement
Quality Scholar Summer Institute Research Forum, Fairlee VT August 3, 2005
(Invited Presentation)
 11. Roumie, CL QI in action: Hypertension performance at TVHS
Quality Scholar Summer Institute Research Forum, Fairlee VT July 31, 2007
(Invited Presentation)
 12. Roumie, CL
Update on NSAIDs and COX 2 Inhibitors
Tennessee College of Occupational and Environmental Medicine
Annual Meeting, Cool Springs TN March 8, 2008
(Invited Presentation)
 13. Roumie, CL
Improving quality of hypertension care among veterans
VA- Health Services Research and Development Career Development Conference
Annual Meeting Baltimore M.D. February 11, 2009
Invited Plenary Presentation
 14. Roumie, CL
Comparative effectiveness of first line oral antidiabetic medications
Research Work in Progress
Roudebush VA Health Services Research and Development Center
Indianapolis, Indiana September 9, 2011

(Invited presentation)

15. Roumie, CL
Comparative effectiveness of first line oral antidiabetic medications
Diabetes Multi-Center Research Consortium
Stakeholders' Meeting Agency for Healthcare Research and Quality
Rockville Maryland (Invited presentation) October 18, 2011
16. Roumie, CL
Workshop: Applying For a VA Research Career Development Award
Society of General Internal Medicine Annual Meeting, Orlando Florida May 12, 2012
17. Roumie, CL
Comparative effectiveness of oral antidiabetic medications
Vanderbilt University, Department of Medicine Grand Rounds August 30, 2012
18. Roumie, CL
Comparative effectiveness of oral antidiabetic medications
Faculty Presentation Diabetes Day, Vanderbilt University November 14, 2012
19. Roumie, CL
Comparative effectiveness of antidiabetic medications
Vanderbilt University, Division of Cardiology Grand Rounds
(Invited presentation) December 19, 2012
20. Roumie, CL
Cardiovascular outcomes associated with choice of agent for diabetes treatment intensification
American Diabetes Association
Poster Walking Tour in Cardiovascular Epidemiology June, 2013
21. Roumie, CL
Cardiovascular research portfolio: Clinical trial to implementation science
GRECC Research Advisory Council September, 2013
22. Roumie, CL
Patient Outcomes associated with Metformin Intensification
Vanderbilt University, Division of Endocrinology Grand Rounds
(Invited presentation) October 4, 2014
23. Roumie, CL and Murff HJ
Methods in Pharmacoepidemiology
Cancer Research Symposium
Vanderbilt University Division of Epidemiology October 13, 2015
24. Roumie, CL

- Clinical Outcomes with treatment intensification after Metformin for diabetes
Center for Diabetes Translation and Research January 15, 2016
25. Roumie, CL
Comparative safety of sulfonylurea and metformin monotherapy on heart failure
American Diabetes Association Scientific Sessions
New Orleans, LA (Podium Poster discussion) June 11, 2016
 26. Roumie, CL
Clinical Outcomes with treatment intensification after Metformin for Diabetes
Medical Scientist Training Program June 7, 2017
 27. Roumie, CL
Clinical Outcomes with Metformin use in Chronic Kidney Disease
Medical Scientist Training Program July 5, 2018
 28. Roumie, CL
Clinical Outcomes with Metformin use in Chronic Kidney Disease
National Geriatrics Research and Education Webinar December 6 and 7, 2018
 29. Roumie, CL
Panel on Improving the Future of Medicine --Implementation Science
National Defense Industrial Association and Johns Hopkins Applied Research Laboratory
National Healthcare Symposium March 6, 2019
 30. Roumie, CL
Clinical Outcomes with Metformin use in Chronic Kidney Disease
Oral Abstract Presentation
American Diabetes Association June 9, 2019
 31. Roumie, CL
Care of diabetes in the complex older patient
General Internal Medicine and Public Health Grand Rounds September 11, 2019
 32. Roumie, CL
Clinical Outcomes with of Metformin use in Kidney Disease
Center for Diabetes Translation and Research September 20, 2019
 33. Roumie, CL
Care of diabetes in the complex older patient
Diabetes Improvement Team- Meharry Vanderbilt Alliance February 11, 2020
 34. Roumie, CL
Diabetes medication policy and treatment regimens for complex patients
Health Policy Special Seminar, Vanderbilt University Medical Seminar May 8, 2020

Local

35. Roumie CL
Aspirin for the primary Prevention of Cardiovascular Disease
Vanderbilt Internal Medicine Resident Teaching Conference
May, 2002
36. Roumie CL
International Medicine- Helpful Hints
Vanderbilt University Medical Students Brown Bag Series
September, 2002
37. Roumie CL
Cholesterol Screening and Management among different age groups.
Vanderbilt Internal Medicine Resident Teaching Conference
January, 2003
38. Roumie CL
Where the Zebras are common: Experiences in East Africa
Vanderbilt Pediatrics Ambulatory Conference
February 27, 2003
39. Roumie CL
Where the Zebras are common: Experiences in East Africa
Vanderbilt Internal Medicine Ambulatory Conference
February 27, 2003
40. Roumie CL
Where the Zebras are common: Experiences in East Africa
Vanderbilt Infectious Diseases Fellows Conference
June 2, 2003
41. Roumie, CL
Antibiotic Prescribing has decreased; but Provider differences remain
Oral Presentation M.P.H. Seminar Series, Vanderbilt University
March, 2004
42. Roumie, CL
TWISTER Tennessee Women in Science, Technology, Engineering and Research Conference
The Profession of Medicine
Nashville, T.N.
February 7, 2007
43. Roumie, CL
TWISTER Tennessee Women in Science, Technology, Engineering and Research Conference
The Profession of Medicine
Nashville, T.N.
February 7, 2010
44. Roumie, CL
Comparative effectiveness of first line oral antidiabetic medications

- Vanderbilt Department of Medicine Research Council
Nashville, TN
- March 4, 2011
45. Roumie, CL
Management of Hypertension
Resident Outpatient Internal Medicine Curriculum
Nashville, T.N. October 12, 2011
 46. Roumie, CL
Comparative effectiveness of first line oral antidiabetic medications
Division of General Internal Medicine and Public Health
Nashville, T.N. January 4, 2012
 47. Roumie, CL
Comparative effectiveness of first line oral antidiabetic medications
Section of Internal Medicine and Pediatrics Research Conference
Nashville, T.N. January 12, 2012
 48. Roumie, CL
Management of Hypertension
Resident Outpatient Internal Medicine Curriculum February 14, 2012
 49. Roumie, CL
TWISTER Tennessee Women in Science, Technology, Engineering and Research Conference
From Africa to Nashville: The Profession of Medicine
Nashville, T.N. February 9, 2013
 50. Roumie, CL
Hypertension Management and Results of the SPRINT study
Division of General Internal Medicine and Public Health
Nashville, T.N. November 18, 2015
 51. Roumie, CL; Halasa N; Parekh, A
Diversifying your Research Portfolio
Newman Society Lecture seminar September 22, 2016

POSTERS/ ABSTRACTS

1. Roumie, CL; Grogan EL, Awad JA, Dittus R, Elasy TA.
Creating a paradigm for responding to new clinical Knowledge: the case of HRT.
The Quality Scholar Summer Institute
Fairlee, V.T. August 4-8, 2002
2. Roumie, CL; Grogan EL, Falbe W, Speroff T, Dittus R, Elasy TA.
A paradigm for responding to new knowledge: The case of hormone replacement therapy.
Vanderbilt University Medical Center 21st Annual Research Forum

- Nashville, T.N. April 23, 2003
3. Roumie, CL; Grogan EL, Falbe W, Speroff T, Dittus R, Elasy TA.
A paradigm for responding to new knowledge: The case of HRT.
Society of General Internal Medicine 26th Annual Meeting,
Vancouver British Columbia, Canada May 1-3, 2003.
 4. Roumie CL, Grogan EL, Falbe W, Speroff T, Dittus R, Elasy TA.
Responding to new knowledge: The case of HRT.
Improving Health Outcomes in Older Adults Conference,
VA GRECC
Vanderbilt University, Nashville T.N. November, 7 2003
 5. Grogan, EL, Holzman, M; Deppen, S, Roumie, CL, Elasy, TA, Dittus,RS
Improving Documentation of Patient Acuity Level using a Progress Note Templates
Institute for HealthCare Improvement Annual Forum
New Orleans, L.A. December 2-5, 2003
 6. Roumie, CL; Natasha Halasa,; Kathryn Edwards
Antibiotic Prescribing has decreased; but Provider differences remain
Vanderbilt University Medical Center 22nd Annual Research Forum
Nashville, T.N. May 5, 2004
 7. Roumie, CL; Tom A. Elasy; Kenneth Wallston
Clinical Inertia: A common barrier to changing provider prescribing behavior
Institute for HealthCare Improvement Annual Forum; Scientific Symposium
Orlando, F.L. December 15, 2004
 8. Roumie, CL; Tom A. Elasy; Kenneth Wallston et al.
Clinical Inertia: A common barrier to changing provider prescribing behavior
VA Health Services Research Annual Meeting; Scientific Symposium
Baltimore, M.D. February 16, 2005
 9. Schuberth, J.L; CL Roumie; Butler, M.D., M.P.H., et al. Changes in Residency Work Hours: The
impact of Short Call team on length of stay and quality of care for decompensated heart failure
Society of General Internal Medicine Annual Meeting
Los Angeles, C.A. April, 2006
 10. Huang, RL: T. Speroff; RS. Dittus; TA. Elasy; CL. Roumie
Multifactorial Intervention to Improve Hypertension Performance
Institute for HealthCare Improvement Annual Forum; Scientific Symposium
Orlando, F.L. December, 2006
 11. Huang, RL: T. Speroff; RS. Dittus; TA. Elasy; CL. Roumie
Multifactorial Intervention to Improve Hypertension Performance
VA Health Services Research Annual Meeting; Scientific Symposium
Arlington, Virginia February 22, 2007
 12. Roumie, CL; R. Greevy; M. Maney; T. Findley.
Prevalence of inadequate hypertension control among veterans after a major cardiovascular event
VA Health Services Research Annual Meeting; Scientific Symposium
Arlington, Virginia February 22, 2007

13. Huang R.L, Huizinga MM, Roumie CL; Elasy T.A.; Dittus R.S.; Disalvo T. et al.
Using Statistical process control to drive improvement in door to balloon time
Society of General Internal Medicine Annual Meeting April 27, 2007
Toronto, Canada
14. Huizinga MM, Roumie CL, Elasy TA et al.
Patterns and Persistence of Incident Diabetes Prescriptions
Society of General Internal Medicine Annual Meeting April 27, 2007
Toronto, Canada
15. Roumie, CL; R. Greevy; M. Maney; T. Findley.
Prevalence of inadequate hypertension control among veterans after a major cardiovascular event

Society of General Internal Medicine Annual Meeting April 27, 2007
Toronto, Canada
16. Munson GW, Wallston KA, Dittus RS, Speroff T, Roumie CL
Activation and adaptability: Correlations with healthcare outcomes among veterans with
inflammatory bowel disease (IBD)
VA Career Development Conference
Baltimore, M.D. February, 2008
17. Roumie, CL; R. Greevy; TA Elasy; et al.
Veteran Self reports of activation and patient centered care predicts medication adherence among
veterans with hypertension
VA Career Development Conference
Baltimore, M.D. February, 2008
18. Choma NN, Roumie, CL; Kaltenbach L, Mitchel EF, Arbogast PG, Griffin MR
Non Aspirin NSAIDs, Cyclo-Oxygenase 2 Inhibitors and the Risk for cardiovascular events—
stroke, acute myocardial infarction, and sudden cardiac death
Society of General Internal Medicine
Pittsburg, P.A. April, 2008
19. Roumie, CL; R. Greevy; TA Elasy; et al.
Veteran Self reports of activation and patient centered care predicts medication adherence among
veterans with hypertension
Society of General Internal Medicine
Pittsburg, P.A. April, 2008
20. Choma, NN; Huang, RL; Dittus, RS; Roumie, CL
Local Quality Improvement Initiative Improves Hypertension Care among Veterans
American Heart Association, Quality and Outcomes
Baltimore, M.D. May, 2008
21. Roumie, CL; R. Greevy; TA Elasy; et al. Veteran Self reports of activation and patient centered
care predicts medication adherence among veterans with hypertension
American Heart Association, Quality and Outcomes
Baltimore, M.D. May, 2008
22. Choma, NN; Huang, RL; Dittus, RS; Burnham, K; Roumie, CL

- Local Quality Improvement Initiative Improves Hypertension Care among Veterans
VA Career Development Conference
Baltimore, M.D. February, 2009
23. Choma NN; Griffin MR; Huang RL; Mitchel EF; Kaltenbach L; Gideon P; Dyer S; Roumie CL
An algorithm to identify incident myocardial infarction using Medicaid data
Society of General Internal Medicine Annual Meeting
Miami, F.L. May, 2009
 24. Munson GW, Wallston KA, Dittus RS, Speroff T, Roumie CL
Activation and adaptability: Correlations with healthcare outcomes among veterans with
inflammatory bowel disease (IBD)
Society of General Internal Medicine Annual Meeting
Miami, F.L. May, 2009
 25. Karpinos AR, Roumie CL
Myocardial Infarction: A Rare Complication of a Common Asthma Treatment.
T.N. American College of Physicians
Nashville, T.N. August, 2009
 26. Ross JS, Arling G, Ofner S, Roumie CL, Keyhani S, Williams LS, et al.
Correlation between inpatient and outpatient measures of stroke care quality within Veterans
Health Administration hospitals.
American Heart Association Cardiovascular Outcomes and Quality
Baltimore, M.D. May, 2010
 27. Choma NN, Griffin MR, Greevy R, Kaltenbach L, Roumie CL
Blood Pressure Control among Patients with Hypertension and Newly Diagnosed Diabetes
American Diabetes Association Annual Meeting Walking tour
Orlando, F.L. June, 2010
 28. Huizinga MM, Roumie CL, Greevy R, Liu X, Murff H, Griffin M.
Comparative Effectiveness of Hemoglobin A1C and Weight Change Associated with Incident
Diabetes Regimens
American Diabetes Association Annual Meeting Walking tour
Orlando, F.L. June, 2010
 29. Roumie CL, Huizinga MM, Murff HJ et al.
The effect of incident diabetes regimens on lipid profiles in veterans with Type 2 Diabetes
American Diabetes Association Annual Meeting Walking tour
Orlando, F.L. June, 2010
 30. Roumie CL, Ross JS, Ofner S et al.
The quality of hypertension care among veterans after hospitalization for an acute ischemic stroke
VA Health Services Research and Development Meeting Scientific Symposium
Washington, D.C. February, 2011
 31. Kripalani, S; Roumie, CL; Dalal, AK et al.
Effect of a Pharmacist Intervention on Serious Medication Errors after Hospital Discharge: A
Randomized Controlled Trial
Society of General Internal Medicine Annual Meeting
Phoenix, A.Z. May, 2011

32. Salanitro,AH; Roumie,CL; Schnipper,JL; et al.
Medication Disrepancies on Hospital Admission and Discharge: the Effect of Health Literacy
Society of General Internal Medicine Annual Meeting
Phoenix, A.Z. May, 2011
33. Roumie, CL; Hung, A; Liu, X; et al.
Incident Oral antidiabetic drugs and risk of cardiovascular events
American Heart Association Scientific Sessions
Orlando, F.L. November, 2011
34. Bowen ME, Roumie CL, Speroff T, Minnick AF, Ooi H. A Hub and Satellite Model to Improve the Quality of Care for Patients with Congestive Heart Failure
Institute for HealthCare Improvement Annual Forum; Scientific Symposium
Orlando, F.L. December, 2011
35. Karpinos AR, Rizzone KH, Cribbs SP, Roumie CL.
Prevalence of Complete Immunizations Status among Nashville High School Senior Athletes.
American Medical Society for Sports Medicine 21th Annual Meeting
Atlanta, G.A. April, 2012
36. Bowen ME, Roumie CL, Minnick AF, Ooi H
A Hub and Satellite Model to Improve the Quality of Care for Patients with Congestive Heart Failure
Society of General Internal Medicine 35th Annual Meeting
Orlando, F.L. May, 2012
37. Bowen ME, Bosworth HB, Roumie CL.
The Effect of Distance to Primary Care on Response to a Hypertension Telemedicine Intervention and Change in Systolic Blood Pressure
Society of General Internal Medicine 35th Annual Meeting
Orlando, F.L. May, 2012
38. Karpinos AR, Rizzone KH, Cribbs SP, Roumie CL
Prevalence of Complete Immunizations Status Among Nashville High School Senior Athletes.
Society for General Internal Medicine 35th Annual Meeting.
Orlando, F.L. May, 2012
39. Bosworth, H. B., Weiner, B. J., Lee, S.-Y. D., Zullig L. L., Kravetz, J. D., Rakley, S. M., Roumie, CL, Bowen, M. E., Del Monte, P. S., Kaufman, M. A., Jackson, G. L.
Measuring Organizational Readiness to Change for a Broadly Implemented Clinical Program
Academy Health Annual Research Meeting.
Orlando, F.L. June, 2012
40. Roumie CL; Hung AM; Greevy RA; Grijalva CG; Liu X; Murff HJ; Elasy TA; Griffin MR.
Cardiovascular outcomes associated with choice of agent for diabetes treatment intensification
American Diabetes Association Annual Meeting
Audio Poster Walking tour
Chicago, I.L. June, 2013
41. Effect of a Pharmacist counseling intervention on Healthcare Utilization after hospital discharge: A randomized controlled trial
October, 2020-36

Society General Internal Medicine Annual Meeting
Toronto Canada

April, 2015

42. Roumie CL; Min, JY; Greevy RA; Grijalva CG; Hung AM; Liu X; Griffin MR Association of metformin with insulin versus sulfonylureas and risk of hypoglycemia
International Conference of Pharmacoepidemiology
Spotlight in Comparative effectiveness research
Boston, M.A. August, 2015
43. Roumie CL; Greevy RA; Grijalva CG; Hung AM; Liu X; Murff HJ; Griffin MR Patterns of diabetes treatment intensification and associated adherence
International Conference of Pharmacoepidemiology
Boston, M.A. August, 2015
44. Min JY; Griffin MR; Greevy RA; Grijalva CG; Hung AM; Liu X; Roumie CL
Clinical outcomes associated with insulin monotherapy versus sulfonylurea and insulin co-therapy in patients with type 2 diabetes
International Conference of Pharmacoepidemiology
Spotlight in Comparative effectiveness research
Boston, M.A. August, 2015
45. Apple R, Roumie CL, Wallston K, Schlundt D, Mulvaney S, Hargreaves M, Bullington C, Rothman R, Heerman W. The Association of Body Mass Index and Health-Related Quality of Life.
Society for General Internal Medicine Annual Meeting
Washington, D.C. April, 2017
46. Presley C; Min JY; Chipman J; Greevy RA; Grijalva C; Griffin MR; Roumie CL Retrospective assessment of patient frailty as a confounder in the relationship between antidiabetic drug exposure and heart failure hospitalization
Clinical and Translational Science Annual Research Meeting
Washington D.C. April, 2017