

**Harvard Medical School
CURRICULUM VITAE**

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Name: **Shoshana J. Herzig, MD, MPH**

Work Address: Beth Israel Deaconess Medical Center
Division of General Medicine
Section for Research / Hospital Medicine
330 Brookline Avenue, CO-1309, 2nd Floor
Boston, MA 02215

Home Address: 59 Pleasant Street
Cambridge, MA 02139

Work Telephone: (617) 754-1413 **Work Fax:** (617) 754-1440

Work Email: sherzig@bidmc.harvard.edu

Place of Birth: Greenwich, Connecticut

Education:

2000	BA, Psychology, Mathematics (Minor) Middlebury College
2004	MD, New York Medical College
2010	MPH, Clinical Effectiveness, Harvard School of Public Health

Postdoctoral Training:

2004-2005	Intern, Internal Medicine, Beth Israel Deaconess Medical Center
2005-2007	Resident, Internal Medicine, Beth Israel Deaconess Medical Center
2007-2008 & 2009-2010	Research Fellow (Mentor: Edward R. Marcantonio, MD, SM), General Medicine and Primary Care, Harvard Medical School/Beth Israel Deaconess Medical Center
2008-2009	Chief Medical Resident, Beth Israel Deaconess Medical Center

Faculty Academic Appointments:

2008-2009; 2010-2014	Instructor in Medicine, Harvard Medical School
2014-2019	Assistant Professor of Medicine, Harvard Medical School
2019-	Associate Professor of Medicine, Harvard Medical School

Appointments at Hospitals/Affiliated Institutions:

Past:

2007-2008; Associate Staff, Medicine/General Medicine, Beth Israel
2009-2010 Deaconess Medical Center

Current:

2008-2009; 2010- Active Staff, Medicine/General Medicine, Beth Israel
Deaconess Medical Center

Major Administrative Leadership Positions:

Local:

2006-2013 Coordinator, East Campus House Doctor Program, Beth Israel
Deaconess Medical Center
2008-2009 Chief Medical Resident, Beth Israel Deaconess Medical Center
2013-2018 Coordinator, Center for Healthcare Delivery Science, Work-In-
Progress Session, Beth Israel Deaconess Medical Center
2013- Core Faculty, Center for Healthcare Delivery Science, Beth Israel
Deaconess Medical Center
2016- Director of Hospital Medicine Research, Division of General
Medicine, Beth Israel Deaconess Medical Center
2018- Robinson Firm Chief, Internal Medicine Residency Program, Beth
Israel Deaconess Medical Center
2022- Associate Chief of Hospital Medicine for Academic Affairs,
Division of General Medicine, Beth Israel Deaconess Medical
Center

National:

2013-2015 Course Director, Medical Resident Course in Comparative
Physiology, Mount Desert Island Biological Laboratory/Beth Israel
Deaconess Medical Center
2015- Course Director, Physiology on the Fly: A Faculty Development
Program for Medical Educators Teaching on the General Medical
Wards, Mount Desert Island Biological Laboratory, Maine

International:

2018- Co-Director, A Quantitative Approach to Quality, Masters in
Healthcare Quality and Patient Safety, Harvard Medical School

Committee Service:

Local:

2007- Intern Selection Committee, Department of Medicine, Beth Israel
Deaconess Medical Center
2008-2009 Core Clinical Services Committee, Department of Medicine
Beth Israel Deaconess Medical Center
2008-2009 Medical Patient Care Committee, Department of Medicine
Beth Israel Deaconess Medical Center

2008-2009	Medical Patient Review Committee, Department of Medicine Beth Israel Deaconess Medical Center
2015-	General Medicine Grand Rounds Planning Committee, Division of General Medicine, Beth Israel Deaconess Medical Center
2017-	Opioid Care Committee, Beth Israel Deaconess Medical Center

Professional Societies:

2000-	Psi Chi (international honor society in psychology)
2003-	Alpha Omega Alpha
<u>2007-</u>	<u>Society of General Internal Medicine</u>
2009	Clinical Medicine Workshop Selection Subcommittee, 33 rd Annual National Meeting
2010	Clinical Vignette Selection Subcommittee, 33 rd Annual National Meeting
2012	Research Abstract Selection Subcommittee: Chronic Disease Management and Organization of Care, 35 th Annual National Meeting
2015	Research Abstract Selection Subcommittee: Hospital Medicine 38 th Annual National Meeting
2008-	<u>Society of Hospital Medicine</u>
2018	Research, Innovations, Vignettes judge, Annual National Meeting
2008-	Alliance for Academic Internal Medicine
2011-	American Geriatrics Society
2014-	American College of Physicians
2021-	Publication Committee

Editorial Activities:

Ad hoc Reviewer:

New England Journal of Medicine
 Journal of the American Medical Association
 British Medical Journal
 Annals of Internal Medicine
 Archives of Internal Medicine
 Journal of the American Geriatrics Society
 Journal of Hospital Medicine
 Journal of General Medicine
 Pharmacoepidemiology and Drug Safety
 Clinical Microbiology and Infection
 Clinical Epidemiology
 Journal of Critical Care
 Clinical Infectious Disease
 Pharmacy and Therapeutics
 Internal and Emergency Medicine

Other Editorial Roles:

2007	Associate Editor, Last Minute: Internal Medicine [textbook] Edition I, Miksad RA, DelaMore PA, Meyer GK, authors. New York: McGraw Hill, ISBN-13: 978-0071445894
<u>2012-</u>	<u>Journal of Hospital Medicine</u>
2012-2015	Associate Editor
2015-	Senior Deputy Editor

Honors and Prizes:

2000	Varsity Softball Academic All-Conference (New England Small College Athletic Conference)
2003	American Society of Clinical Pathology Award for Academic Excellence, New York Medical College
2004	The Department of Medicine Academic Award, New York Medical College
2004	The Maurice M. Black, MD, Memorial Award, New York Medical College, given to a member of the graduating class for exceptional achievements in the study of Pathology and Pathophysiology
2004	The Eileen H. Pike, PhD, Memorial Award in Microbiology, New York Medical College
2004	Cor et Manus, Award of Distinction, New York Medical College, in recognition of outstanding service rendered to the medical college in the furtherance of its community program, as well as loyalty and devotion to the aims and objectives of the college
2004	American Medical Women's Association, Glasgow-Rubin Achievement Citation, New York Medical College
2005	The James Tullis Award, Beth Israel Deaconess Medical Center, in recognition of intellectual growth and enthusiasm for learning
2006	Teaching Award, Harvard Medical School, excellence in teaching Harvard medical students on the general medical wards
2007	Best Poster, Clinical Scholarship, Resident Research Day, Beth Israel Deaconess Medical Center
2007	The Lowell McGee Award, Medical Housestaff Teaching, Beth Israel Deaconess Medical Center, awarded to one senior resident each year in recognition of the fundamental importance of teaching and to the spirit and substance of being a physician
2009	Geriatric Abstract Stipend Award, Society of General Internal Medicine, 32 nd annual national meeting
2009	Mack Lipkin, Sr. Associate Member Award, Society of General Internal Medicine, presented to the three scientific presentations considered most outstanding by students, residents, and fellows, 32 nd annual national meeting
2010	Best Oral Presentation by a Fellow, New England Regional Meeting, Society of General Internal Medicine
2011	HOSPYP Award, Hospitalist Teacher of the Year, Hospital Medicine Program, Beth Israel Deaconess Medical Center
2013	Nominee, Charles McCabe Faculty Prize for Excellence in Teaching (Years III & IV), Harvard Medical School
2013	Certificate of Excellence in Tutoring, Harvard Medical School,

	awarded to faculty tutors for new Pathways courses in Years I & II who receive a score of 1.25 or higher
2014	Outstanding Reviewer, Annals of Internal Medicine
2015	Best Delirium Paper Award, Center of Excellence for Delirium in Aging: Research, Training, and Educational Enhancement
2016	Top Hospitalist, American College of Physicians
2018	Faculty Mentoring Leadership Program, Harvard Medical School
2019	Nominee, Charles McCabe Faculty Prize for Excellence in Teaching (Clinical), Harvard Medical School
2019	Outstanding Reviewer, Annals of Internal Medicine
2020	Excellence in Research Award, Society of Hospital Medicine
2021	Best Paper in Clinical/Translational Research, Division of General Medicine, Beth Israel Deaconess Medical Center

REPORT OF FUNDED AND UNFUNDED PROJECTS

Funding Information

Past Funding:

2010-2011	<i>Advancement of Geriatric Education at Harvard Medical School</i> Donald W. Reynolds Foundation Scholar Attended a monthly seminar on hospital care of the geriatric patient, designed to enhance knowledge and understanding of unique issues related to the elderly during hospitalization.
2010	<i>Reducing Medication Use Fragmentation Across Transitions of Care</i> Center for Integration of Medicine and Innovative Technology (CIMIT), Young Clinician Research Award Principal Investigator (\$43,478) Developing a clinical decision support information technology intervention to reduce medication use fragmentation across transitions of care.
2011-2013	<i>Assessing and Improving the Quality of Care Transitions in HoMeRuN Hospitals</i> Hospital Medicine Reengineering Network (HoMeRuN)/ Association of American Medical Colleges/Beth Israel Deaconess Medical Center Site Principal Investigator (\$25,000) Multi-site cohort study of predictors of readmissions at U.S. academic medical centers, in an effort to identify high risk subgroups and targeted interventions.
2013-2018 NCE 2018-2020	<i>Improving Use of Sedating Medications in Hospitalized Older Adults</i> National Institute on Aging (NIA)/K23 AG042459 Principal Investigator (\$725,710)

The objectives of this project are to define current usage patterns and risks of sedating medications in hospitalized patients, and use this knowledge to develop an intervention to promote safer prescribing. Two large existing hospital data repositories will be used in a parallel and complementary fashion to investigate current specific hypothesized risks - hospital-acquired pneumonia and in-hospital falls - in two large cohorts of hospitalized patients. The information gained from these analyses will be used to develop and conduct a pilot study of a computerized decision support (CDS) tool that bundles prescribing suggestions with specific preventive interventions for those at highest risk.

Current Funding:

2018-2023 *Characterizing Opioid-Related Adverse Events in Older Adults After Hospital Discharge*
 Agency for Healthcare Research and Quality (AHRQ)/R01 HS026215
 Principal Investigator (\$1,314,346)
 The main goals of this study are to define the incidence, predictors, preventability, severity, and functional consequences of opioid-related adverse events among older adults within 30 days of hospital discharge, and to identify systems improvements that could have prevented the events.

Past Unfunded Projects:

2016-2020 *Stratified Regression Models for Case-Only Studies*
 Patient-Centered Outcomes Research Institute (PCORI)/L ME-1507-31028
 Key Personnel (PI: Murray Mittleman, MD, DrPH)
 The main goals of this study are to develop analytic techniques using case-only study designs to estimate measures of absolute effect of transient exposures, evaluate heterogeneity of treatment effects, and address time-varying covariates.

REPORT OF LOCAL TEACHING AND TRAINING

Teaching of Students in Courses:

2007-2008 Renal Pathophysiology (Tutorial Leader)
 2nd year medical students
 Harvard Medical School
 1.5 hour sessions, 3 days per week, for 4 weeks

2007, 2009 Patient Doctor II (Preceptor)
 2nd year medical students
 Harvard Medical School
 Weekly 2 hour sessions for 12 weeks

2010-2011	Patient Doctor II (Evaluator) 2 nd year medical student Harvard Medical School Observed history and physical examination and provided feedback during two 3 hour sessions
2011	Integration Exercises (CPC Discussant) 2 nd year medical students Harvard Medical School Modeled clinical problem solving during a 2.5 hour session
2018-	A Quantitative Approach to Quality (Faculty lecturer) Students completing a Master's Degree in Healthcare Quality and Patient Safety Harvard Medical School I deliver 8 hours of lectures annually on various topics related to measuring the impact of quality improvement interventions
2020-	Scholarship and Sharing Your Knowledge (Faculty lecturer) Students completing the Advanced Integrated Science Curriculum Harvard Medical School I deliver an annual 1.5 hour session on scholarship related to quality improvement

Formal Teaching of Residents, Clinical Fellows and Research Fellows:

2007	Hospitalist as Teacher: The Changing Face of Inpatient Medicine Medical housestaff Beth Israel Deaconess Medical Center One hour lecture
2008	"I'm too Busy to Teach!": Microskills for Easier Clinical Teaching Resident Report (Faculty) Medical housestaff Beth Israel Deaconess Medical Center One hour lecture
2008-2009	Resident Report Medical housestaff Beth Israel Deaconess Medical Center Chief Resident year, twice per week
2008-2009	M&M Conference Medical housestaff Beth Israel Deaconess Medical Center Chief Resident year, once per month

2009	Acid-Suppressive Medication and Risk for Hospital-Acquired Pneumonia Resident Journal Club (Faculty Discussant) Medical housestaff Beth Israel Deaconess Medical Center One hour didactic discussion
2010	Effective Feedback Medical housestaff Beth Israel Deaconess Medical Center One hour didactic discussion
2010	Article: Clopidogrel With or Without Omeprazole in Coronary Artery Disease Resident Journal Club (Faculty Discussant) Medical housestaff Beth Israel Deaconess Medical Center One hour didactic discussion
2010	Critically Appraising the Literature Resident Report Medical housestaff Beth Israel Deaconess Medical Center One hour lecture
2011	One-Minute Clinical Preceptor Medical housestaff Beth Israel Deaconess Medical Center One hour didactic discussion
2011, 2013, 2020	Critically Appraising the Literature Thorndike's Lecture Series All medical housestaff Beth Israel Deaconess Medical Center One hour lecture
2012	Article: The Influence of Context on Antimicrobial Prescribing for Febrile Respiratory Illness Resident Journal Club (Faculty Discussant) Medical housestaff Beth Israel Deaconess Medical Center One hour didactic discussion
2012	Article: Inappropriate Prescribing of Proton Pump Inhibitors in Hospitalized Patients Resident Journal Club (Faculty Discussant) Medical housestaff Beth Israel Deaconess Medical Center One hour didactic discussion

- 2014 Article: Proton Pump Inhibitors are Associated with Hypersensitivity Reactions to Drugs in Hospitalized Patients: A Nested Case-Control in a Retrospective Cohort Study
Resident Journal Club (Faculty Discussant)
Medical housestaff
Beth Israel Deaconess Medical Center
One hour didactic discussion
- 2016 Update in Hospital Medicine 2015
Resident Ambulatory Care Conference
Medical housestaff
Department of Medicine, Beth Israel Deaconess Medical Center
One hour lecture
- 2021 Safe Opioid Use in the Hospital
Summer Lecture Series
Medical housestaff
Department of Medicine, Beth Israel Deaconess Medical Center
One hour lecture

Clinical Supervisory and Training Responsibilities:

- 2007-2010 Preceptor, Healthcare Associates, ambulatory internal medicine clinic, Beth Israel Deaconess Medical Center
One to two half sessions per month
- 2007- Hospitalist Teaching Attending, inpatient general medicine wards
Beth Israel Deaconess Medical Center, 8-12 weeks per academic year

Laboratory and Other Research Supervisory and Training Responsibilities:

- 2007-2016 Supervised residents in the water homeostasis module, part of a course on comparative physiology at Mount Desert Island Biological Laboratory in Salisbury Cove, ME
One week in September (30 hours), each year

Formally Mentored Harvard Medical, Dental and Graduate Students:

- 2019-2021 Bhushan Deshpande, Harvard Medical School Class of 2020
Research mentor for his scholarly project, entitled “Prescription of Long-Acting Opioids following Hospital Discharge among Opioid-Naïve Patients” (citation #57)

Other Mentored Trainees and Faculty:

- 2010-2014 Jed D. Gonzalo, MD, MSc, Associate Professor of Medicine and Public Health Sciences/Assistant Dean for Health Systems Education, Penn State College of Medicine, Hershey, PA
Career stage: chief resident/junior faculty

- Mentoring role:* trainee/faculty research mentor
Accomplishments: published four manuscripts (citations #5, #9, #12, #13)
- 2012-2017 Joshua W. Allen-Dicker, MD, MPH, Assistant Professor of Medicine, Harvard Medical School/Hospitalist, Division of General Medicine, Beth Israel Deaconess Medical Center, Boston, MA
Career stage: resident/junior faculty
Mentoring role: trainee/faculty research mentor
Accomplishments: published four manuscripts (citations #11, #16, #18, #28)
- 2012-2014 Anthony C. Breu, MD, Assistant Professor of Medicine, Harvard Medical School/Director, Resident Education, VA Boston Healthcare System, Boston, MA
Career stage: junior faculty
Mentoring role: faculty research mentor
Accomplishments: published two manuscripts (citation #11, #39)
- 2015-2017 Elliot Naidus, MD, Clinical Fellow in Medicine, UCSF School of Medicine/Pulmonary-Critical Care Fellow, University of California San Francisco, San Francisco, CA
Career stage: trainee
Mentoring role: trainee research mentor
Accomplishments: published two manuscripts (citations #29, #30)
- 2016-2018 Kelly L. Graham, MD, MPH, Assistant Professor of Medicine Harvard Medical School/Primary Care Physician, Beth Israel Deaconess Medical Center, Boston, MA
Career stage: junior faculty
Mentoring role: faculty research mentor
Accomplishments: published one manuscript (citation #32)
- 2017-2019 Matthew D. Basciotta, MD, Hospitalist, North Shore Medical Center, Lynn/Salem, MA
Career stage: trainee
Mentoring role: trainee research mentor
Accomplishments: published one manuscript (citation #37)
- 2017- Amber Moore, MD, MPH, Instructor in Medicine, Harvard Medical School, Department of Medicine, Beth Israel Deaconess Medical Center, Boston, MA
Career stage: junior faculty
Mentoring role: research mentor
Accomplishments: published one manuscript (citation #35), with another project in progress. Investigating the impact of medical ward redesign on length of hospitalization and care coordination
- 2018-2020 June-Ho Kim, MD, Instructor in Medicine, Harvard Medical School, Department of Medicine, Brigham and Women's Hospital

Career stage: general medicine fellow
Mentoring role: research/career mentor
Accomplishments: published one manuscript (citation #40)

2019- Timothy S. Anderson, MD, Instructor in Medicine, Harvard Medical School, Department of Medicine, Beth Israel Deaconess Medical Center, Boston, MA
Career stage: junior faculty
Mentoring role: research/career mentor
Accomplishments: published several manuscripts studying hospitalization, medication use, and outcomes in older adults

Local Invited Presentations:

Those presentations below sponsored by outside entities are so noted and the sponsors are identified

2007 An Analysis of Compliance with Venous Thromboembolism Prophylaxis Guidelines at a Major Academic Medical Center: Prophylaxis for All?
Grand Rounds
Department of Medicine, Beth Israel Deaconess Medical Center

2008 “I’m too Busy to Teach!”: Microskills for Easier Clinical Teaching
General Medicine Professional Development Series
Lecture
Division of General Medicine and Primary Care
Beth Israel Deaconess Medical Center

2008 Acid-Suppressive Medication and Risk for Hospital-Acquired Pneumonia
General Medicine Professional Development Series
Lecture
Division of General Medicine and Primary Care
Beth Israel Deaconess Medical Center

2011 PPIs: Clinical Uses, and Abuses
Grand Rounds
Division of General Medicine and Primary Care
Beth Israel Deaconess Medical Center

2011 Master Clinician
Clinicopathologic Conference
Department of Medicine
Beth Israel Deaconess Medical Center

2013 Sedatives and Code Blue Events
Work-In-Progress Meeting
Lecture
Department of Emergency Medicine, Beth Israel Deaconess Medical Center

- 2013 Using the Clinical Data Repository for Pharmacoepidemiologic
Investigations
Seminar Series
Lecture
Division of Clinical Informatics, Beth Israel Deaconess
Medical Center
- 2013 Update in Hospital Medicine 2012
Grand Rounds
Division of General Medicine and Primary Care
Beth Israel Deaconess Medical Center
- 2014 Update in Hospital Medicine 2013
Grand Rounds
Division of General Medicine and Primary Care
Beth Israel Deaconess Medical Center
- 2015 Update in Hospital Medicine 2014
Grand Rounds
Division of General Medicine and Primary Care
Beth Israel Deaconess Medical Center
- 2015 Update in Hospital Medicine 2014
Grand Rounds
Department of Medicine
VA Boston Healthcare System, West Roxbury, MA
- 2015 Master Clinician
Clinicopathologic Conference
Department of Medicine
Beth Israel Deaconess Medical Center
- 2016 Update in Hospital Medicine 2015
Grand Rounds
Division of General Medicine and Primary Care
Beth Israel Deaconess Medical Center
- 2016 Update in Hospital Medicine 2015
Resident Noon Conference
Department of Medicine
VA Boston Healthcare System, West Roxbury, MA
- 2016 Safe Opioid Use in Hospitalized Patients
Grand Rounds
Department of Medicine
Beth Israel Deaconess-Needham, Needham, MA
- 2017 Update in Hospital Medicine 2016
Grand Rounds

- Division of General Medicine and Primary Care
Beth Israel Deaconess Medical Center
- 2018 Update in Hospital Medicine 2017
Grand Rounds
Division of General Medicine
Beth Israel Deaconess Medical Center
- 2018 Update in Hospital Medicine 2017
Grand Rounds
Department of Medicine
Beth Israel Deaconess Medical Center – Milton, Milton, MA
- 2018 Curbing the Opioid Epidemic: How Hospital-Based Clinicians Can
Be Part of the Solution
Grand Rounds
Department of Medicine
VA Boston Healthcare System, West Roxbury, MA
- 2019 Curbing the Opioid Epidemic: How Hospital-Based Clinicians Can
Be Part of the Solution
Quality Rounds
Department of Medicine
Brigham and Women’s Hospital, Boston, MA
- 2019 Curbing the Opioid Epidemic: How Hospital-Based Clinicians Can
Be Part of the Solution
Grand Rounds
Department of Medicine
Brigham and Women’s Faulkner Hospital, Boston, MA
- 2019 Safe Opioid Prescribing in the Hospital Setting
Longwood Grand Rounds
Department of Neurology
Beth Israel Deaconess Medical Center, Boston, MA
- 2020 Curbing the Opioid Crisis: Practice Gaps and Opportunities in the
Inpatient Setting
Grand Rounds
Department of Medicine
Beth Israel Deaconess Medical Center, Boston, MA
- 2020 COVID-19: News We Can Use
Professional Development Series for Primary Care
Division of General Medicine
Beth Israel Deaconess Medical Center, Boston, MA
- 2021 Opioid-Related Adverse Events in Older Adults After Hospital
Discharge
General Medicine Research Conference

- Division of General Medicine
Beth Israel Deaconess Medical Center, Boston, MA
- 2021 Update in Hospital Medicine 2020
Grand Rounds
Department of Medicine
VA Boston Healthcare System, West Roxbury, MA
- 2021 Inpatient Pain Management
Hospital Medicine CME Series
Division of General Medicine, Section of Hospital Medicine
Beth Israel Deaconess Medical Center, Boston, MA

REPORT OF REGIONAL, NATIONAL AND INTERNATIONAL INVITED TEACHING AND PRESENTATIONS

Those presentations below sponsored by outside entities are so noted and the sponsors are identified

Regional:

- 2008 Effective Teaching and Feedback in the Age of Duty Hour Reform
Workshop
Society of General Internal Medicine, New England Regional
Meeting, Boston, MA
- 2009 Acid-Suppressive Medication and Risk for Hospital-Acquired
Pneumonia
Oral abstract presentation
Society of General Internal Medicine, New England Regional
Meeting, Boston, MA
- 2010 Acid-Suppressive Medication and the Risk for Gastrointestinal
Bleed in Non-Critically Ill Hospitalized Patients
Oral abstract presentation
Society of General Internal Medicine, New England Regional
Meeting, Providence, RI
- 2011 Medication Decisions and Adverse Outcomes
Invited Lecture
Baystate Medical Center, Springfield, MA
- 2012 Top 6 Papers in Hospital Medicine from 2011
Invited Lecture
Boston Association of Academic Hospitalists in Medicine
Boston, MA
- 2013 The ACP Choosing Wisely Campaign, Initiative #2 for Hospital
Medicine: Do Not Prescribe Medications for Stress Ulcer

- Prophylaxis to Medical Inpatients Unless at High Risk for GI Complications
Invited Lecture
Society of Hospital Medicine, Boston Chapter, Boston, MA
- 2014 Research Careers in General Medicine: How to Get Started and Be Successful
Mentoring Panel
Society of General Internal Medicine, New England Regional Meeting, Boston, MA
- 2014 Update in Hospital Medicine, 2013
Invited Lecture
Society of Hospital Medicine, Boston Chapter, Boston, MA
- 2014 Sedating Medication Use in Hospitalized Patients: Patterns, Predictors, Problems
Invited Lecture
Center for Quality of Care Research
Baystate Medical Center, Springfield, MA
- 2016 Too Much of a Good Thing: The Perils of Purple Pills, Pharmaceutical Profiteering, and Prescribing Inertia
Grand Rounds
Department of Medicine
Baystate Medical Center, Springfield, MA
- 2016 Sedating Medications and Nosocomial Complications
Invited Lecture
Center for Quality of Care Research
Baystate Medical Center, Springfield, MA
- 2018 Update in Hospital Medicine
Invited Lecture
Hospital Medicine 2018, Stowe, VT
- 2019 Update in Hospital Medicine
Invited Lecture
Hospital Medicine 2019, Stowe, VT
- 2019 Fostering Graduated Autonomy in Medical Residents
Invited Lecture
Department of Medicine
Saint Vincent Hospital, Worcester, MA
- 2020 Update in Hospital Medicine
Invited Lecture
Hospital Medicine 2020, Stowe, VT

2021 Curbing the Opioid Crisis: Practice Gaps and Opportunities in the Inpatient Setting
Grand Rounds
Department of Medicine
New England Baptist Hospital, Boston, MA

National:

2009 Acid-Suppressive Medication and Risk for Hospital-Acquired Pneumonia
Oral abstract presentation
Society of General Internal Medicine Annual Meeting, Miami, FL

2010 Acid-Suppressive Medication Use and the Risk for Hospital-Acquired Gastrointestinal Bleed
Oral abstract presentation
Society of General Internal Medicine Annual Meeting, Minneapolis, MN

2011 Using Electronic Resources to Answer Clinical Questions
Workshop
Society of Hospital Medicine, National Meeting, Dallas, TX

2013 Opioid Utilization in Non-Surgical Patients in U.S. Hospitals
Oral abstract presentation
Society of Hospital Medicine Annual Meeting, National Harbor, MD

2014 Antipsychotic Medication and Risk of Nosocomial Pneumonia
Oral abstract presentation
Society of General Internal Medicine Annual Meeting, San Diego, CA

2014 Sedating Medication Use in Hospitalized Patients: Patterns, Predictors, Problems
Invited Lecture
University of Michigan Health System, Ann Arbor, MI

2014 PPIs: Clinical Uses and Abuses
Invited Lecture
University of Michigan Health System, Ann Arbor, MI

2017 Sedating Medications and Nosocomial Complications
Invited Lecture
University of Pennsylvania, Philadelphia, PA

2017 The Hospitalist's Role in the Opioid Epidemic
Invited Lecture
Society of Hospital Medicine Annual Meeting, Las Vegas, NV

- 2017 Safe Opioid Use in Hospitalized Patients
Invited Plenary Speaker
Midwest Hospital Medicine Conference
Northwestern Memorial Hospital, Chicago, IL
- 2017 Medical Complications that Result from Inaccurate Medication
Reconciliation During Transitions of Care and Current Methods
Used to Reduce Errors, Unmet Needs
Invited Lecture
IEEE-NIH Special Topics Conference on Healthcare Innovations
and Point of Care Technologies: Technology in Translation,
Bethesda, MD
- 2018 Opioids: What Now?
Invited Lecture
Society of Hospital Medicine Annual Meeting, Orlando, FL
- 2019 Curbing the Opioid Epidemic: How Hospital-Based Clinicians Can
Be Part of the Solution
Grand Rounds
Department of Medicine
Northwestern Memorial Hospital, Chicago, IL
- 2019 Curbing the Opioid Epidemic: How Hospitalists Can Be Part of the
Solution
Invited Lecture
Society of Hospital Medicine, New York City/Westchester Chapter
Meeting, New York City, NY
- 2019 Pain Management in the Hospital: Time for a Culture Change
Grand Rounds
Department of Medicine
Rush Medical Center, Chicago, IL
- 2019 Culture of Pain Management in the United States
Keynote Address
Mayo Clinic Hospital Medicine Conference: Managing Complex
Patients, Marana, AZ
- 2019 Pearls for Safe Opioid Prescribing
Invited Lecture
Mayo Clinic Hospital Medicine Conference: Managing Complex
Patients, Marana, AZ
- 2020 Update in Hospital Medicine
Invited Lecture
American College of Physicians Internal Medicine Meeting 2020,
Los Angeles, CA
*This presentation was scheduled, but then cancelled because
of a Covid-19 travel/meeting ban*

- 2020 Stemming the Tide of Misuse: Improving the Safety of Opioid Prescribing
Invited Lecture
Society of Hospital Medicine Annual Meeting, San Diego, CA
This presentation was scheduled, but then cancelled because of a Covid-19 travel/meeting ban
- 2021 Necessary and Sufficient: Key Ingredients for Developing Scholarship in Your Hospital Medicine Group
Workshop
Society of Hospital Medicine Annual Meeting (SHM Converge) 2021, held virtually
- 2021 Update in Hospital Medicine
Invited Lecture
Society of Hospital Medicine Annual Meeting (SHM Converge) 2021, held virtually

International:

- 2010 PPIs and Chemoprevention: How Should Issues Regarding Long-term Use of PPIs Be Considered?
Invited Plenary Speaker
OESO 10th World Congress, Boston, MA, United States

REPORT OF CLINICAL ACTIVITIES AND INNOVATIONS

Current Licensure and Board Certification:

- 2006- Medical License, Commonwealth of Massachusetts
2007- Diplomate, American Board of Internal Medicine
 (2017 recertified)
- 2019- Waiver to prescribe or dispense buprenorphine under the Drug Addiction Treatment Act of 2000 (DATA 2000)

Practice Activities:

- 2007- Hospitalist, Hospital Medicine Program, Beth Israel Deaconess Medical Center, 12 weeks per year

Clinical Innovations:

- 2011 Computerized Clinical Decision Support (CDS) Tool to Improve Appropriateness of Acid-Suppressive Medication Prescribing in Hospitalized Patients at Beth Israel Deaconess Medical Center (BIDMC)
Based on the information gained from my analyses of acid-suppressive medication use, I assembled and led a team of

pharmacists, information systems specialists, and other hospitalists at BIDMC to design a CDS tool to improve the appropriateness of acid-suppressive medication prescribing in the hospital setting. We found that our CDS tool significantly reduced inappropriate prescribing of acid-suppressive medication in a sustained fashion. The development and impact of the CDS tool has been published in the Journal of Hospital Medicine (citation #15 below).

- 2017 Electronic Opioid Prescribing Dashboard at Beth Israel Deaconess Medical Center (BIDMC)
I led an initiative to develop an opioid-prescribing dashboard at BIDMC, to provide quality improvement leaders and individual physicians with near real-time feedback on their performance on several metrics for safe opioid prescribing. These metrics were derived from the Consensus Statement on improving the safety of opioid use for acute non-cancer pain in hospitalized adults that I developed for the Society of Hospital Medicine. I plan to study the impact of this quality improvement initiative in the near future.
- 2018 Safe Opioid Prescribing in the Hospital Setting: Internal Guidelines and National Consensus Statement
I led the development of both internal BIDMC guidelines, as well as a consensus statement from the Society of Hospital Medicine on safe use of opioids for acute non-cancer pain in hospitalized patients. The consensus statement was published in the Journal of Hospital Medicine (see citation #42).

REPORT OF TEACHING AND EDUCATION INNOVATIONS

- 2007-2016 Comparative Physiology Course for Residents, Mount Desert Island Biological Laboratory/Beth Israel Deaconess Medical Center
Participated in creation of a novel national course in comparative physiology for residents. The course involves hands on experiments using aquatic species, intended to highlight physiologic concepts relevant to the care of patients. I participated in all aspects of development and execution, including designing experiments and creating the course syllabus, and served as co-director of the course for 9 years. Participants were initially restricted to Beth Israel Deaconess Medical Center medicine residents, but due to course popularity and word of mouth, we began including surgical residents, as well as residents from across the country shortly after course creation. Our team published a manuscript describing this innovation (citation #3).
- 2014- Physiology on the Fly Course, Mount Desert Island Biological Laboratory
I led the creation of a novel national course in comparative physiology for faculty teaching on the general medicine wards, sponsored by the Mount Desert Island Biological Laboratory, with

continuing medical education credits provided by the University of Vermont. This course built off the framework of our resident course above, with added emphasis on professional development, including development of teaching skills and scripts. I led all aspects of development and execution, including curriculum development, syllabus creation, and faculty invitations, and I have served as a course director since conception.

- 2018- A Quantitative Approach to Quality, Harvard Medical School
I co-direct an international course on measuring the impact of quality improvement initiatives for the Master's Degree in Healthcare Quality and Patient Safety at Harvard Medical School. Working with my co-director, Amy Cohen, we created the course from scratch, developing the course syllabus, session objectives, homework assignments, final projects, and most of the content for the 39 hours of curricular material (we issue invitations to external speakers in key areas as needed).

REPORT OF EDUCATION OF PATIENTS AND SERVICE TO THE COMMUNITY

Recognition

- 2009 Publicity on JAMA manuscript on acid-suppressive medication and hospital-acquired pneumonia (citation #1)
Organizations conferring recognition: National Public Radio, New York Times, ABC News, CNN, WebMD
- 2011 Publicity on Archives of Internal Medicine manuscript on acid-suppressive medication and nosocomial gastrointestinal bleeding (citation #2)
Organizations conferring recognition: Medscape, Drug Topics
- 2013 Publicity on Journal of General Internal Medicine manuscript on risk factors for nosocomial gastrointestinal bleeding (citation #6)
Organizations conferring recognition: U.S. Pharmacist, Formulary
- 2013 Publicity on Journal of Hospital Medicine manuscript on inpatient use of opioids (citation #8)
Organizations conferring recognition: National Pain Report, ACP Hospitalist, Boston Globe, Fox News, CBS News
- 2014 Publicity on Health Affairs manuscript on hospitalizations related to opioid abuse/dependence (citation #24)
Organizations conferring recognition: Forbes
- 2016 Publicity on Journal of the American Geriatrics Society manuscript on antipsychotic use in hospitalized adults (citation #20)
Organizations conferring recognition: SiriusXM, the Hospitalist

- 2017 Publicity on Journal of Hospital Medicine manuscript on the hospital care of Very Important Persons (citation #28)
Organizations conferring recognition: WBUR
- 2018 Publicity on Journal of Hospital Medicine manuscripts on safe opioid prescribing (citation #41, #42)
Organizations conferring recognition: Science Daily, the Hospitalist, Core IM podcast

REPORT OF SCHOLARSHIP

<https://orcid.org/0000-0001-8005-4727>

Peer-Reviewed Scholarship in Print or Other Media:

Research Investigations:

1. **Herzig SJ**, Howell MD, Ngo LH, Marcantonio ER. Acid-suppressive medication use and the risk for hospital-acquired pneumonia. *JAMA* 2009 May 27;301(20):2120-2128. doi: 10.1001/jama.2009.722. PMID: 19470989.
 - Fujita T. Acid-suppressive medication and hospital-acquired pneumonia. *JAMA* 2009;302(13):1415-1417. doi:10.1001/jama.2009.1413.
 - McCullough P, Benson D. Acid-suppressive medication and hospital-acquired pneumonia. *JAMA* 2009;302(13):1415-1417. doi:10.1001/jama.2009.1414.
 - Wise MP, Saayman AG, Frost PJ. Acid-suppressive medication and hospital-acquired pneumonia. *JAMA* 2009;302(13):1415-1417. doi:10.1001/jama.2009.1415.
 - **Herzig SJ**, Howell MD, Marcantonio ER. Acid-suppressive medication and hospital-acquired pneumonia – reply. *JAMA* 2009;302(13):1415-1417. doi: 10.1001/jama.2009.1416.

2. **Herzig SJ**, Vaughn BP, Howell MD, Ngo LH, Marcantonio ER. Acid-suppressive medication use and the risk for nosocomial gastrointestinal tract bleeding. *Arch Intern Med* 2011 Jun 13;171(11):991-997. doi: 10.1001/archinternmed.2011.14. Epub 2011 Feb 14. PMID: 21321285; PMCID: PMC3142477.
 - Katz MH. Opportunities to decrease inappropriate uses of proton pump inhibitors: comment on “Proton pump inhibitor use and the antifracture efficacy of alendronate”. *Arch Intern Med* 2011;171(11):1004-1005. doi:10.1001/archinternmed.2011.21.
 - Barletta JF, El-Ibiary SY. Acid suppressive therapy in non-critically ill patients. *Arch Intern Med* 2011;171(20):1862-1864. doi:10.1001/archinternmed.2011.513.
 - **Herzig SJ**, Marcantonio ER. Acid suppressive therapy in non-critically ill patients – reply. *Arch Intern Med* 2011;171(20):1862-1864. doi:10.1001/archinternmed.2011.514.

3. **Herzig SJ**, Aird WC, Shah BJ, McKernan M, Zeidel ML. From hagfish to humans: teaching comparative physiology to internal medicine residents. *Acad Med* 2012 Mar;87(3):372-377. doi: 10.1097/ACM.0b013e3182444c1b. PMID: 22373634.
4. **Herzig SJ**, Rudolph JL, Haime M, Ngo LH, Marcantonio ER. Atrial fibrillation at discharge in older cardiac surgery patients: a prospective study of prevalence and associated medication utilization. *J Clin Trials* 2012 Jan 13;2(1):106. PMID: 24969037; PMCID: PMC4068032.
5. Gonzalo J**, **Herzig S**, Reynolds E, Yang J. Factors associated with non-compliance during 16-hour long call shifts. *J Gen Intern Med* 2012 Nov;27(11):1424-1431. doi: 10.1007/s11606-012-2047-z. Epub 2012 Apr 13. PMID: 22528621; PMCID: PMC3475826.
6. **Herzig SJ**, Rothberg MB, Feinbloom DB, Howell MD, Ho KK, Ngo LH, Marcantonio ER. Risk factors for nosocomial gastrointestinal bleeding and use of acid-suppressive medication in non-critically ill patients. *J Gen Intern Med* 2013 May;28(5):683-690. doi: 10.1007/s11606-012-2296-x. Epub 2013 Jan 5. Erratum in: *J Gen Intern Med* 2013 Jul;28(7):978. PMID: 23292499; PMCID: PMC3631055.
 - Nickoloff S. Capsule commentary on Herzig et al.: Risk factors for nosocomial gastrointestinal bleeding and use of acid-suppressive medication in non-critically ill patients. *J Gen Intern Med* 2013;28:710. <https://doi.org/10.1007/s11606-013-2351-2>.
7. Rothberg MB, **Herzig SJ**, Pekow PS, Avrunin J, Lagu T, Lindenauer PK. Association between sedating medications and delirium in older inpatients. *J Am Geriatr Soc* 2013 Jun;61(6):923-930. doi: 10.1111/jgs.12253. Epub 2013 Apr 30. PMID: 23631415.
8. Gonzalo JD**, Yang JJ, Ngo L, Clark A, Reynolds EE, **Herzig SJ**. Accuracy of residents' retrospective perceptions of 16-hour call admitting shift compliance and characteristics. *J Grad Med Educ* 2013 Dec;5(4):630-633. doi: 10.4300/JGME-D-12-00311.1. PMID: 24455013; PMCID: PMC3886463.
9. **Herzig SJ**, Rothberg MB, Cheung M, Ngo LH, Marcantonio ER. Opioid utilization and opioid-related adverse events in nonsurgical patients in US hospitals. *J Hosp Med* 2014 Feb;9(2):73-81. doi: 10.1002/jhm.2102. Epub 2013 Nov 13. PMID: 24227700; PMCID: PMC3976956.
10. Bertisch SM, **Herzig SJ**, Winkelman JW, Buettner C. National use of prescription medications for insomnia: NHANES 1999-2010. *Sleep* 2014 Feb 1;37(2):343-349. doi: 10.5665/sleep.3410. PMID: 24497662; PMCID: PMC3900622.
11. Breu AC**, Allen-Dicker J, Mueller S, Palamara K, Hinami K, **Herzig SJ**. Hospitalist and primary care physician perspectives on medication management of chronic conditions for hospitalized patients. *J Hosp Med* 2014 May;9(5):303-309. doi: 10.1002/jhm.2137. Epub 2014 Feb 24. PMID: 24616183; PMCID: PMC4017338.
12. Gonzalo JD**, Bump GM, Huang GC, **Herzig SJ**. Implementation and evaluation of a multidisciplinary systems-focused internal medicine morbidity and mortality

- conference. *J Grad Med Educ* 2014 Mar;6(1):139-146. doi: 10.4300/JGME-D-13-00162.1. PMID: 24701325; PMCID: PMC3963772.
13. Gonzalo JD**, Yang JJ, Stuckey HL, Fischer CM, Sanchez LD, **Herzig SJ**. Patient care transitions from the emergency department to the medicine ward: evaluation of a standardized electronic signout tool. *Int J Qual Health Care* 2014 Aug;26(4):337-347. doi: 10.1093/intqhc/mzu040. Epub 2014 Apr 15. PMID: 24737836.
 14. **Herzig SJ**, Doughty C, Lahoti S, Marchina S, Sanan N, Feng W, Kumar S. Acid-suppressive medication use in acute stroke and hospital-acquired pneumonia. *Ann Neurol* 2014 Nov;76(5):712-718. doi: 10.1002/ana.24262. Epub 2014 Sep 17. PMID: 25164323; PMCID: PMC4214881.
 15. Allen-Dicker J**, **Herzig SJ**, Mukamal KJ, Tess A. ACGME duty hour revisions and self-reported intern ICU sleep schedules. *J Grad Med Educ* 2014 Sep;6(3):561-566. doi: 10.4300/JGME-D-13-00263.1. PMID: 26279785; PMCID: PMC4535224.
 16. **Herzig SJ**, Guess JR, Feinbloom DB, Adra M, Afonso KA, Howell MD, Marcantonio ER. Improving appropriateness of acid-suppressive medication use via computerized clinical decision support. *J Hosp Med* 2015 Jan;10(1):41-45. doi: 10.1002/jhm.2260. PMID: 25603790; PMCID: PMC4302762.
 17. Allen-Dicker J**, **Herzig SJ**, Kerbel R. Global payment contract attitudes and comprehension among internal medicine physicians. *Am J Manag Care* 2015 Aug;21(8):e474-479. PMID: 26625507.
 18. Sokol-Hessner L, White AA, Davis KF, **Herzig SJ**, Hohmann SF. Interhospital transfer patients discharged by academic hospitalists and general internists: characteristics and outcomes. *J Hosp Med* 2016 Apr;11(4):245-250. doi: 10.1002/jhm.2515. Epub 2015 Nov 20. PMID: 26588825.
 19. Marshall J, **Herzig SJ**, Howell MD, Le SH, Mathew C, Kats JS, Stevens JP. Antipsychotic utilization in the intensive care unit and in transitions of care. *J Crit Care* 2016 Jun;33:119-124. doi: 10.1016/j.jcrc.2015.12.017. Epub 2015 Dec 30. PMID: 26818629; PMCID: PMC4842336.
 20. **Herzig SJ**, Rothberg MB, Guess JR, Stevens JP, Marshall J, Gurwitz JH, Marcantonio ER. Antipsychotic use in hospitalized adults: rates, indications, and predictors. *J Am Geriatr Soc* 2016 Feb;64(2):299-305. doi: 10.1111/jgs.13943. PMID: 26889839; PMCID: PMC4762184.
 - Mayoral VF, Boas PJ, Jacinto AF. Antipsychotics: mortality risk themselves? *J Am Geriatr Soc* 2016;64:2399-2400. doi:10.1111/jgs.14477.
 - **Herzig SJ**, Marcantonio ER. Reply to “Antipsychotics: mortality risk themselves?” *J Am Geriatr Soc* 2016 Nov;64(11):2400. doi: 10.1111/jgs.14506. Epub 2016 Oct 26. PMID: 27783402; PMCID: PMC5119891.
 21. Auerbach AD, Kripalani S, Vasilevskis EE, Sehgal N, Lindenauer PK, Metlay JP, Fletcher G, Ruhnke GW, Flanders SA, Kim C, Williams MV, Thomas L, Giang V, **Herzig SJ**, Patel K, Boscardin WJ, Robinson EJ, Schnipper JL. Preventability and

- causes of readmissions in a national cohort of general medicine patients. *JAMA Intern Med* 2016 Apr 1;176(4):484-493. doi: 10.1001/jamainternmed.2015.7863. PMID: 26954564.
- Atkins D, Kansagara D. Reducing readmissions - destination or journey? *JAMA Intern Med* 2016;176(4):493-495. doi:10.1001/jamainternmed.2015.8603.
22. Koliani-Pace J, Vaughn B, **Herzig SJ**, Davis RB, Gashin L, Obuch J, Cheifetz AS. Utility of emergency department use of abdominal pelvic computed tomography in the management of Crohn's disease. *J Clin Gastroenterol* 2016 Nov/Dec;50(10):859-864. PMID: 26974753; PMCID: PMC5018411.
 23. **Herzig SJ**, Rothberg MB, Guess JR, Gurwitz JH, Marcantonio ER. Antipsychotic medication utilization in nonpsychiatric hospitalizations. *J Hosp Med* 2016 Aug;11(8):543-549. doi: 10.1002/jhm.2596. Epub 2016 Apr 30. PMID: 27130311; PMCID: PMC5241045.
 24. Ronan MV, **Herzig SJ**. Hospitalizations related to opioid abuse/dependence and associated serious infections increased sharply, 2002-12. *Health Aff (Millwood)* 2016 May 1;35(5):832-837. doi: 10.1377/hlthaff.2015.1424. PMID: 27140989; PMCID: PMC5240777.
 25. **Herzig SJ**, Schnipper JL, Doctoroff L, Kim CS, Flanders SA, Robinson EJ, Ruhnke GW, Thomas L, Kripalani S, Lindenauer PK, Williams MV, Metlay JP, Auerbach AD. Physician perspectives on factors contributing to readmissions and potential prevention strategies: a multicenter survey. *J Gen Intern Med* 2016 Nov;31(11):1287-1293. doi: 10.1007/s11606-016-3764-5. Epub 2016 Jun 9. PMID: 27282857; PMCID: PMC5071281.
 - Schattner A. Physician perspectives on readmissions. *J Gen Intern Med* 2017;32:730. <https://doi.org/10.1007/s11606-017-4024-z>.
 - **Herzig SJ**, Auerbach AD. Physician perspectives on readmission. *J Gen Intern Med* 2017 Jul;32(7):731. doi: 10.1007/s11606-017-4025-y. PMID: 28289962; PMCID: PMC5481236.
 26. William JH, Huang GC, **Herzig SJ**, Zeidel ML. A comparative physiology course may encourage academic careers in renal fellows. *Medical Science Educator* 2016;26(3):357-363.
 27. Kumar S, Marchina S, Massaro J, Feng W, Lahoti S, Selim M, **Herzig SJ**. ACDD⁴ score: a simple tool for assessing risk of pneumonia after stroke. *J Neurol Sci* 2017 Jan 15;372:399-402. doi: 10.1016/j.jns.2016.10.050. Epub 2016 Nov 1. PMID: 27823836.
 28. Allen-Dicker J**, Auerbach AD, **Herzig SJ**. Perceived safety and value of inpatient 'Very Important Person' services. *J Hosp Med* 2017 Mar;12(3):177-179. doi: 10.12788/jhm.2701. PMID: 28272595.
 29. **Herzig SJ**, LaSalvia MT, Naidus E, Rothberg MB, Zhou W, Gurwitz JH, Marcantonio ER. Antipsychotics and the risk for aspiration pneumonia in non-psychiatric

hospitalized patients: a cohort study. *J Am Geriatr Soc* 2017 Dec;65(12):2580-2586. doi: 10.1111/jgs.15066. Epub 2017 Nov 2. PMID: 29095482.

- Rudolph JL. Antipsychotic (non)selectivity: a setup for swallowing and side-effects in seriously ill elderly adults. *J Am Geriatr Soc* 2017;65:2564-2565. doi:10.1111/jgs.15168.
30. Naidus EL**, LaSalvia MT, Marcantonio ER, **Herzig SJ**. The diagnostic yield of non-invasive microbiologic sputum sampling in a cohort of patients with clinically diagnosed hospital-acquired pneumonia. *J Hosp Med* 2018 Jan 1;13(1):34-37. doi: 10.12788/jhm.2868. Epub 2017 Oct 18. PubMed PMID: 29073317.
 31. Mosher H, **Herzig SJ**, Danovitch I, Boutsicaris C, Hassamal S, Wittnebel K, Dashti A, Nuckols T. The evaluation of medical inpatients who are admitted on long-term opioid therapy for chronic pain. *J Hosp Med* 2018 Apr;13(4):249-255. doi: 10.12788/jhm.2889. Epub 2017 Dec 6. PMID: 29240853.
 32. Graham KL**, Auerbach AD, Schnipper JL, Flanders SA, Kim CS, Robinson EJ, Ruhnke GW, Thomas LR, Kripalani S, Vasilevskis EE, Fletcher GS, Sehgal NJ, Lindenauer PK, Williams MV, Metlay JP, Davis RB, Yang J, Marcantonio ER, **Herzig SJ**. Preventability of early versus late hospital readmissions in a national cohort of general medicine patients. *Ann Intern Med* 2018 Jun 5;168(11):766-774. doi: 10.7326/M17-1724. Epub 2018 May 1. PMID: 29710243.
 - Inagaki Y, Maruta M, Nakano Y, Higuchi J. Preventability of Early Versus Late Hospital Readmissions. *Ann Intern Med*. 2019 Feb 5;170(3):217-218. doi: 10.7326/L18-0610. PubMed PMID: 30716750.
 - Nagasaki K, Akiyama Y, Hayashi M, Mori H. Preventability of Early Versus Late Hospital Readmissions. *Ann Intern Med*. 2019 Feb 5;170(3):219. doi: 10.7326/L18-0609. PubMed PMID: 30716749.
 - Mine A, Ikeda S, Makiishi T, Matsushita R. Preventability of Early Versus Late Hospital Readmissions. *Ann Intern Med*. 2019 Feb 5;170(3):218. doi: 10.7326/L18-0608. PubMed PMID: 30716748.
 - Nickas G. Preventability of Early Versus Late Hospital Readmissions. *Ann Intern Med*. 2019 Feb 5;170(3):219. doi: 10.7326/L18-0607. PubMed PMID: 30716747.
 - Takata T, Katoka Y. Preventability of Early Versus Late Hospital Readmissions. *Ann Intern Med*. 2019 Feb 5;170(3):218-219. doi: 10.7326/L18-0606. PubMed PMID: 30716746.
 - Edwards DB. Preventability of Early Versus Late Hospital Readmissions. *Ann Intern Med*. 2019 Feb 5;170(3):217. doi: 10.7326/L18-0605. PubMed PMID: 30716745.
 - Graham KL, Auerbach AD, **Herzig SJ**. Preventability of Early Versus Late Hospital Readmissions. *Ann Intern Med*. 2019 Feb 5;170(3):219-220. doi: 10.7326/L18-0611. PubMed PMID: 30716751.
 - Included in the New England Journal of Medicine's Journal Watch Hospital Medicine Top Stories of 2018.
 33. Kim D, Mahesri M, Bateman BT, Huybrechts KF, Inouye SK, Marcantonio ER, **Herzig SJ**, Ely EW, Pisani MA, Levin R, Avorn J. Longitudinal trends and variation

- in antipsychotic use in older patients after cardiac surgery. *J Am Geriatr Soc* 2018 Aug 19. doi: 10.1111/jgs.15418. [Epub ahead of print] PMID: 30125337.
34. Poyan Mehr A, Tran MT, Ralto KM, Leaf DE, Washco V, Messmer J, Lerner A, Kher A, Kim SH, Khoury CC, **Herzig SJ**, Trovato ME, Simon-Tillaux N, Lynch MR, Thadhani RI, Clish CB, Khabbaz KR, Rhee RE, Waikar SS, Berg AH, Parikh SM. De novo NAD⁺ biosynthetic impairment in acute kidney injury in humans. *Nat Med*. 2018 Sep;24(9):1351-1359. doi: 10.1038/s41591-018-0138-z. Epub 2018 Aug 20. PubMed PMID: 30127395; PubMed Central PMCID: PMC6129212.
 35. Moore AB**, Navarrett S, **Herzig SJ**. Potentially Inappropriate Use of Intravenous Opioids in Hospitalized Patients. *J Hosp Med*. 2019 Jun 19;14:E1-E4. doi: 10.12788/jhm.3225. [Epub ahead of print] PubMed PMID: 31251152.
 36. **Herzig SJ**, Stefan MS, Pekow PS, Shieh MS, Soares W, Raghunathan K, Lindenauer PK. Risk factors for severe opioid-related adverse events in a national cohort of medical hospitalizations. *J Gen Intern Med*. 2019 Nov 14. doi:10.1007/s11606-019-05490-w. [Epub ahead of print] PubMed PMID: 31728892.
 37. Basciotta M**, Zhou W, Ngo L, Donnino M, Marcantonio ER, **Herzig SJ**. Antipsychotics and the Risk of Mortality or Cardiopulmonary Arrest in Hospitalized Adults. *J Am Geriatr Soc*. 2019 Nov 19. doi: 10.1111/jgs.16246. [Epub ahead of print] PubMed PMID: 31743435.
 - Basciotta M, **Herzig SJ**. Reply to: Is Inpatient Antipsychotic use Actually Harmful or Simply a Marker of Agitation? *J Am Geriatr Soc*. 2020 May 28. doi: 10.1111/jgs.16546. Epub ahead of print. PMID: 32462654.
 - Lam K. Is inpatient antipsychotic use actually harmful or simply a marker of agitation? *J Am Geriatr Soc*. 2020 May 28. doi:10.1111/jgs.16545. Epub ahead of print.
 38. Kapoor A, Bloomstone S, Javed S, Silva M, Lynch A, Yogaratnam D, Carlone B, Springer K, Maheswaran A, Chen X, Nagy A, Elhag R, Markaddy E, Aungst T, Bartlett D, Houg D, Darling C, McManus D, **Herzig SJ**, Barton B, Mazor K. Reducing Hospitalizations and Emergency Department Visits in Patients With Venous Thromboembolism Using a Multicomponent Care Transition Intervention. *Inquiry*. 2020 Jan-Dec;57:46958019900080. doi: 10.1177/0046958019900080. PMID: 31965873.
 39. Anderson TS**, Marcantonio ER, McCarthy EP, **Herzig SJ**. National Trends in Potentially Preventable Hospitalizations of Older Adults with Dementia. *J Am Geriatr Soc*. 2020 Jul 23. doi: 10.1111/jgs.16636. Epub ahead of print. PMID: 32700399.
 40. Auerbach A, O'Leary KJ, Greysen SR, Harrison JD, Kripalani S, Ruhnke GW, Vasilevskis EE, Maselli J, Fang MC, **Herzig SJ**, Lee T; HOMERuN COVID-19 Collaborative Group. Hospital Ward Adaptation During the COVID-19 Pandemic: A National Survey of Academic Medical Centers. *J Hosp Med*. 2020 Aug;15(8):483-488. doi: 10.12788/jhm.3476. PMID: 32804610.
 41. Kim JH**, Fine DR, Li L, Kimmel SD, Ngo LH, Suzuki J, Price CN, Ronan MV, **Herzig SJ**. Disparities in United States hospitalizations for serious infections in

- patients with and without opioid use disorder: A nationwide observational study. *PLoS Med.* 2020 Aug 7;17(8):e1003247. doi: 10.1371/journal.pmed.1003247. PMID: 32764761; PMCID: PMC7413412.
42. Anderson TS**, Stevens JP, Pinheiro A, Li S, **Herzig SJ**. Hospitalizations for Emergent Medical, Surgical, and Obstetric Conditions in Boston During the COVID-19 Pandemic. *J Gen Intern Med.* 2020 Jul 22:1–4. doi: 10.1007/s11606-020-06027-2. Epub ahead of print. PMID: 32700221; PMCID: PMC7375703.
 43. Doctoroff L, **Herzig SJ**. Predicting Patients at Risk for Prolonged Hospital Stays. *Med Care.* 2020 Sep;58(9):778-784. doi: 10.1097/MLR.0000000000001345. PMID: 32826743.
 44. Feinbloom D, Freed JA, Carbo A, Jung Y, Adra M, **Herzig SJ**. Incidence and risk factors for PTT prolongation in patients receiving low-dose unfractionated heparin thromboprophylaxis. *J Thromb Thrombolysis.* 2020 Oct 2. doi: 10.1007/s11239-020-02294-2. Epub ahead of print. PMID: 33006065.
 45. Wong J, Murray Horwitz M, Bertisch SM, **Herzig SJ**, Buysse DJ, Toh S. Trends in Dispensing of Zolpidem and Low-Dose Trazodone Among Commercially Insured Adults in the United States, 2011-2018. *JAMA.* 2020 Dec 1;324(21):2211-2213. doi: 10.1001/jama.2020.19224. PMID: 33258882; PMCID: PMC7709087.
 46. Shannon EM, Chopra V, Greysen SR, **Herzig SJ**, Kripalani S, O’Leary KJ, Vasilevskis EE, Williams MV, Mueller SK, Auerbach AD, Schnipper JL. Dearth of Hospitalist Investigators in Academic Medicine: A Call to Action. *J Hosp Med.* 2021 Mar;16(3):189-191. doi: 10.12788/jhm.3536. PMID: 33617444; PMCID: PMC7929609.
 47. Rapoport AB, Fine D, Manne-Goehler JM, **Herzig SJ**, Rowley CF. High Inpatient Health Care Utilization and Charges Associated with Injection Drug Use-Related Infections: A Cohort Study, 2012-2015. *Open Forum Infect Dis.* 2021 Mar;8(3). doi: 10.1093/ofid/ofab009.
 48. **Herzig SJ**, Rothberg MB, Moss CR, Maddaleni G, Bertisch SM, Wong J, Zhou W, Ngo L, Anderson TS, Gurwitz JH, Marcantonio ER. Risk of In-Hospital Falls among Medications Commonly Used for Insomnia in Hospitalized Patients. *Sleep.* 2021 Mar 12:zsab064. doi: 10.1093/sleep/zsab064. Epub ahead of print. PMID: 33710329.
 49. Ricotta DN, Hale AJ, Freed JA, Scribner TE, Zeidel ML, **Herzig SJ**. Generalists as Clinical Physiologists: Bringing science back to the bedside. *J Gen Intern Med.* 2021 Jul 8. doi: 10.1007/s11606-021-06978-0. Epub ahead of print. PMID: 34240283.
 50. Anderson TS**, O’Donoghue AL, Dechen T, **Herzig SJ**, Stevens JP. Trends in Telehealth and In-Person Transitional Care Management Visits During the COVID-19 Pandemic. *J Am Geriatr Soc.* 2021 Jun 14. doi: 10.1111/jgs.17329. Epub ahead of print. PMID: 34124776.
 51. Anderson TS**, Lee AK, Jing B, Lee S, **Herzig SJ**, Boscardin WJ, Fung K, Rizzo A, Steinman MA. Intensification of Diabetes Medications at Hospital Discharge and

- Clinical Outcomes in Older Adults in the Veterans Administration Health System. *JAMA Netw Open*. 2021 Oct 1;4(10):e2128998. doi: 10.1001/jamanetworkopen.2021.28998. PMID: 34673963.
52. Rastogi R, Yu PC, Deshpande A, Hashmi AZ, **Herzig SJ**, Rothberg MB. Treatment and outcomes among patients ≥ 85 years hospitalized with community-acquired pneumonia. *J Investig Med*. 2021 Oct 26;jim-2021-002078. doi: 10.1136/jim-2021-002078. Epub ahead of print. PMID: 34702774.
53. Keenan KE, Rothberg MB, **Herzig SJ**, Lam S, Velez V, Martinez KA. Association between Opioids Prescribed to Medical Inpatients with Pain and Long-Term Opioid Use. *South Med J*. 2021 Oct;114(10):623-629. doi: 10.14423/SMJ.0000000000001307. PMID: 34599339.
54. Taupin D, Anderson TS, Merchant EA, Kapoor A, Sokol-Hessner L, Yang JJ, Auerbach AD, Stevens JP, **Herzig SJ**. Preventability of 30-day hospital revisits following admission with COVID-19 at an academic medical center. *Jt Comm J Qual Patient Saf*. 2021 Nov;47(11):696-703. doi: 10.1016/j.jcjq.2021.08.011. Epub 2021 Aug 24. PMID: 34548237; PMCID: PMC8383478.
55. **Herzig SJ**, Anderson TS, Jung Y, Ngo L, Kim DH, McCarthy EP. Relative risks of adverse events among older adults receiving opioids versus NSAIDs after hospital discharge: A nationwide cohort study. *PLoS Med*. 2021 Sep 27;18(9):e1003804. doi: 10.1371/journal.pmed.1003804. PMID: 34570810; PMCID: PMC8504723.
56. **Herzig SJ**, Anderson TS, Jung Y, Ngo LH, McCarthy EP. Risk Factors for Opioid-Related Adverse Drug Events Among Older Adults After Hospital Discharge. *J Am Geriatr Soc*. 2021 Sep 15. doi: 10.1111/jgs.17453. Epub ahead of print. PMID: 34528242.
- Gurwitz JH. Preventing opioid-related adverse drug events: We can do this! *J Am Geriatr Soc*. 2021 Oct 27. doi: 10.1111/jgs.17526. Epub ahead of print. PMID: 34705267.
57. Deshpande BR**, McCarthy EP, Jung Y, Anderson TS, **Herzig SJ**. Initiation of Long-Acting Opioids following Hospital Discharge among Medicare Beneficiaries. *J Hosp Med*. 2021 Dec;16(12):724-726. doi: 10.12788/jhm.3721. PMID: 34797996; PMCID: PMC8626058.
58. Le P, Ayers G, Misra-Hebert AD, **Herzig SJ**, Herman WH, Shaker VA, Rothberg MB. Adherence to the ADA's Glycemic Goals in the Treatment of Diabetes Among Older Americans, 2001-2018. *Diabetes Care*. 2022 Jan 25;dc211507. doi: 10.2337/dc21-1507. Epub ahead of print. PMID: 35076695.
59. Shannon EM, Cauley M, Vitale M, Wines L, Chopra V, Greysen SR, **Herzig SJ**, Kripalani S, O'Leary KJ, Vasilevskis EE, Williams MV, Mueller SK, Auerbach AD, Schnipper JL. Patterns of Utilization and Evaluation of Advanced Practice Providers (APPs) on Hospital Medicine Teams at Academic Medical Centers: A National Survey. *J Hosp Med*. 2022; *in press*.

60. Anderson TS**, Marcantonio ER, McCarthy EP, Ngo L, Schonberg MA, **Herzig SJ**. Association of Diagnosed Dementia with Post-Discharge Mortality and Readmission Among Hospitalized Medicare Beneficiaries. *J Gen Intern Med* 2022; *in press*.

** = mentees

Other Peer-Reviewed Scholarship:

1. **Herzig SJ**, Rothberg MB. Prophylaxis rates for venous thromboembolism and gastrointestinal bleeding in general medical patients: too low or too high? *BMJ* 2012 May 18;344:e3248. doi: 10.1136/bmj.e3248. PMID: 22611168.
2. Breu AC**, **Herzig SJ**. Differentiating DNI from DNR: combating code status conflation. *J Hosp Med* 2014 Oct;9(10):669-670. doi: 10.1002/jhm.2234. Epub 2014 Jun 30. PMID: 24978058.
3. Tapper EB, **Herzig SJ**. Non-directed testing for inpatients with severe liver injury. *J Hosp Med* 2017 Mar;12(3):184-187. doi: 10.12788/jhm.2705. Review. PMID: 28272597.
4. **Herzig SJ**, Calcaterra SL, Mosher HJ, Ronan MV, Van Groningen N, Shek L, Loffredo A, Keller M, Jena AB, Nuckols TK. Safe opioid prescribing for acute non-cancer pain in hospitalized adults: a systematic review of existing guidelines. *J Hosp Med* 2018 Apr;13(4):256-262. doi: 10.12788/jhm.2979. PMID: 29624188.
5. **Herzig SJ**, Mosher HJ, Calcaterra SL, Jena AB, Nuckols TK. Improving the safety of opioid use for acute non-cancer pain in hospitalized adults: a consensus statement from the Society of Hospital Medicine. *J Hosp Med* 2018 Apr;13(4):263-271. doi: 10.12788/jhm.2980. PMID: 29624189.
 - Hall AM, MD, Fanucchi L, Oyler D. In reference to “Improving the safety of opioid use for acute non-cancer pain in hospitalized adults: a consensus statement from the Society of Hospital Medicine”. *J Hosp Med* 2018;10;727. doi:10.12788/jhm.3059.
 - **Herzig SJ**, Mosher HJ, Calcaterra SL, Nuckols TK. Reply to In reference to "Improving the safety of opioid use for acute non-cancer pain in hospitalized adults: a consensus statement from the Society of Hospital Medicine". *J Hosp Med* 2018 Sep;13(10):728. doi: 10.12788/jhm.3058. PMID: 30261091.
6. **Herzig, SJ**. Web exclusive. Annals for hospitalists inpatient notes –managing acute pain in the hospital in the face of the opioid crisis. *Ann Intern Med* 2018 Sep 18;169(6):HO2-HO3. doi: 10.7326/M18-2295. PMID: 30242421.
 - Ti L, Nolan S. Managing Acute Pain in the Hospital in the Face of the Opioid Crisis. *Ann Intern Med*. 2019;170:665–666. doi: <https://doi.org/10.7326/L19-0051>. PubMed PMID: 31060064.
 - **Herzig SJ**. Managing Acute Pain in the Hospital in the Face of the Opioid Crisis. *Ann Intern Med*. 2019 May 7;170(9):666. doi: 10.7326/L19-0052. PubMed PMID: 31060065.

7. Hale AJ, Ricotta DN, **Herzig SJ**, William JH, Freed JA. A Quantitative Approach to Dilutional Anemia. *J Hematol*. 2019 Jun;8(2):86-87. doi: 10.14740/jh498. Epub 2019 Jun 30. PMID: 32300451; PMCID: PMC7153686.
8. Bettenhausen JL, Richardson T, **Herzig SJ**, Hall M. Methodologic Progress Note: A Clinician's Guide to Logistic Regression. *J Hosp Med*. 2021 Nov;16(11):672-674. doi: 10.12788/jhm.3706. PMID: 34730497.

** = mentees

Scholarship Without Named Authorship:

1. Parks AL, Auerbach AD, Schnipper JL, Anstey JE, Sterken DG, Hecht, Fang MC; the Hospital Medicine Reengineering Network (HOMERuN).* COVID-19 coagulopathy and thrombosis: Analysis of hospital protocols in response to the rapidly evolving pandemic. *Thromb Res*. 2020 Dec;196:355-358. doi: 10.1016/j.thromres.2020.09.018. Epub 2020 Sep 16. PMID: 32977136; PMCID: PMC7492800. [***Herzig SJ: Contributor**].

Non-Peer Reviewed Scholarship in Print or Other Media:

Proceedings of Meetings or Other Non-Peer Reviewed Scholarship:

1. Richter JE, Penagini R, Tenca A, Pohl D, Dvorak K, Goldman A, Savarino E, Zentilin P, Savarino V, Watson JT, Wong RK, Pace F, Casini V, Peura DA, **Herzig SJ**, Kamiya T, Pelosini I, Scarpignato C, Armstrong D, DeVault KR, Bechi P, Taddei A, Freschi G, Ringressi MN, Degli'Innocenti DR, Castiglione F, Masini E, Hunt RH. Barrett's esophagus: proton pump inhibitors and chemoprevention II. *Ann N Y Acad Sci* 2011 Sep;1232:114-39. doi: 10.1111/j.1749-6632.2011.06048.x. Erratum in: *Ann N Y Acad Sci* 2011 Dec;1239:162. Tenca, Andrea [added]. PubMed PMID: 21950810.
2. Shin A, Gandhi T, **Herzig SJ**. Make The Clinician Burnout Epidemic A National Priority. *Health Affairs Blog*, April 21, 2016. DOI: 10.1377/hblog20160421.054511.

Reviews, Chapters, Monographs and Editorials:

1. **Herzig SJ**. Conn syndrome [chapter]. In: Kim SI, Swanson TA, editors. *Underground clinical vignettes: internal medicine I, Step 2, 4th edition*. Philadelphia: Lippincott-Williams & Wilkins; 2007.p.45-46.
2. **Herzig SJ**. Type 2 diabetes mellitus [chapter]. In: Kim SI, Swanson TA, editors. *Underground clinical vignettes: internal medicine I, Step 2, 4th edition*. Philadelphia: Lippincott-Williams & Wilkins; 2007.p.53-54.
3. **Herzig SJ**. Psychiatry [chapter]. In: Meyer MR, Delamora P, associate editors. *Last minute: internal medicine*. New York: McGraw Hill; 2007.p. 470-486.
4. **Herzig SJ**. Declaring your major: are we on the right track? *SGIM Forum* 2010;33(9):4-5.

5. **Herzig SJ.** Capsule commentary on Gawron et al., proton pump inhibitor prescriptions and subsequent use in US veterans diagnosed with gastroesophageal reflux disease. *J Gen Intern Med* 2013 Jul;28(7):950. doi: 10.1007/s11606-013-2352-1. PMID: 23371386; PMCID: PMC3682037.
6. **Herzig SJ.** A lot of pain (medications) [Spotlight]. AHRQ WebM&M [serial online]. September 2014. Available at: <http://webmm.ahrq.gov/case.aspx?caseID=332>.
7. **Herzig SJ.** Growing concerns regarding long-term opioid use: the hospitalization hazard. *J Hosp Med* 2015 Jul;10(7):469-470. doi: 10.1002/jhm.2369. Epub 2015 Apr 23. PMID: 25914320; PMCID: PMC4490967.
8. **Herzig SJ.** Capsule commentary on scales et al., unintentional continuation of medications intended for acute illness after hospital discharge: a population-based cohort study. *J Gen Intern Med* 2016 Feb;31(2):224. doi: 10.1007/s11606-015-3543-8. PMID: 26558912; PubMed Central PMCID: PMC4720635.
9. **Herzig SJ, Nardino RJ.** Reconsidering a common practice: in-hospital use of PPIs. *J Gen Intern Med* 2016 Apr;31(4):361-362. doi: 10.1007/s11606-015-3565-2. PMID: 26693727; PMCID: PMC4803696.
10. **Herzig SJ.** Opening the black box of inpatient opioid prescribing. *J Hosp Med* 2016 Aug;11(8):595-596. doi: 10.1002/jhm.2601. Epub 2016 May 9. PMID: 27157070; PMCID: PMC5242331.
11. Loh FE, **Herzig SJ.** Pain in the United States: Time for a Culture Shift in Expectations, Messaging, and Management. *J Hosp Med.* 2019 Jul 24;14:E1-E2. doi: 10.12788/jhm.3277. [Epub ahead of print] PMID: 31339835.

Letters to the Editor:

1. Ganatra RB, Bhatnagar A, **Herzig SJ.** Strengthening a Study of Diabetes Progression After Statin Use. *JAMA Intern Med* 2021; *in press*.

Clinical Guidelines and Reports:

2018

Consensus Statement

I led the development of a consensus statement on safe use of opioids for acute non-cancer pain in hospitalized patients for the Society of Hospital Medicine.

Other Peer-Reviewed citations #5 above (**Herzig SJ, Mosher HJ, Calcaterra SL, Jena AB, Nuckols TK.** Improving the safety of opioid use for acute non-cancer pain in hospitalized adults: a consensus statement from the Society of Hospital Medicine. *J Hosp Med* 2018 Apr;13(4):263-271. doi: 10.12788/jhm.2980. PMID: 29624189.

NARRATIVE REPORT

I am an academic hospitalist and Director of Hospital Medicine Research in the Division of General Medicine at Beth Israel Deaconess Medical Center. I am passionate about improving the care of hospitalized adults, and spend the majority of my time engaged in federally funded research in the area of hospital-based pharmacoepidemiology. My work has pioneered an understanding of the utilization, risks, and benefits of commonly used medications in the hospital setting. My work as a Senior Deputy Editor at the Journal of Hospital Medicine allows me to further inform and guide the growth of the rapidly expanding field of hospital medicine. My significant supporting activities in the realms of clinical expertise and innovation, and teaching and educational leadership, allow me to have a direct impact on patients during acute illness, and trainees as they care for these patients during this vulnerable time in the care continuum.

My research focuses broadly on medication safety, and more specifically on patterns of medication utilization in the inpatient setting and associated outcomes, with the goal of informing physician decision-making. My work thus far has helped to elucidate the risks and benefits of commonly used medications in the inpatient setting, including acid-suppressive medications, antipsychotics, and opioids, and has served as the basis for national initiatives aimed at improving prescribing, including the American Board of Internal Medicine's Choosing Wisely Campaign, and a recently released consensus statement on safe opioid prescribing which I developed for the Society of Hospital Medicine. My work has resulted in publications in journals such as JAMA, Annals of Internal Medicine, JAMA-IM, and BMJ, and has garnered national attention in the lay press, including a television interview on Fox news, a radio interview on NPR, and newspaper articles in the New York Times, Boston Globe, and others. I am currently funded through R01HS026215 from the Agency for Healthcare Research and Quality to conduct a multicenter study to better understand risk factors for opioid-related adverse events in patients discharged from the hospital with an opioid prescription.

In addition to generating new information regarding the risks and benefits of commonly used medications in the hospital setting, I also spend a significant portion of my time developing innovative ways to translate this knowledge into practice change. I was awarded the distinction of "Top Hospitalist" from the American College of Physicians for my work translating my research into meaningful quality improvement for hospitalized patients. I have led two large, multidisciplinary medication safety initiatives in the last several years. First, based on the information gained from my analyses of acid-suppressive medication use, I assembled a team of pharmacists, information systems specialists, and other hospitalists at BIDMC to design a computerized decision support (CDS) tool to improve the appropriateness of acid-suppressive medication prescribing in the hospital setting. We found that our CDS tool significantly reduced inappropriate prescribing of acid-suppressive medication at BIDMC in a sustained fashion. I am also currently leading an initiative to develop an opioid-prescribing dashboard at BIDMC, to provide quality improvement leaders and individual physicians with near real-time feedback on their performance on several metrics for safe opioid prescribing. These metrics were derived from the national initiative that I led for the Society of Hospital Medicine to develop a Consensus Statement on improving the safety of opioid use for acute non-cancer pain in hospitalized adults. I plan to study the impact of this quality improvement initiative in the near future.

In recognition of my national reputation in research, I was asked to join the editorial staff of the Journal of Hospital Medicine, where I have served as an Associate Editor from 2012-2015, and as Senior Deputy Editor since 2015. I recently received the Excellence in Research Award from the Society of Hospital Medicine. I was also named the Director of Hospital Medicine Research and the Associate Chief of Hospital Medicine for Faculty Affairs, both in the Division of General Medicine at BIDMC, as well as Senior Faculty in the Center for Healthcare Delivery Science at BIDMC, through which I mentor trainees and junior faculty on their own research projects.

In addition to my research interests, I am also passionate about teaching. I served as a Chief Medical Resident at BIDMC for the 2008-2009 academic year. I was recently honored to be named Robinson Firm Chief – a leadership role reserved for distinguished clinician educators at BIDMC. In this capacity, I play a role in shaping the residency experience for one quarter of our house staff through regular teaching and advising sessions. I have also developed and co-directed several national and international courses, including courses on comparative physiology for residents and hospitalists at the Mount Desert Island Biological Laboratory, and a course on quantitative methods for measuring the impact of quality improvement interventions for the Harvard Medical School Master's Degree in Healthcare Quality and Patient Safety.

Clinical work will always lie at the heart of my career, serving as the foundation for my research and teaching endeavors. I spend about one third of my time working clinically as a hospitalist on our teaching services, supervising and teaching residents and medical students while managing medically complex patients during acute care episodes. My clinical work provides me with an important sense of purpose, and fuels my scholarly pursuits.

I greatly look forward to continuing my contributions to the quality of medical care through my research on medication safety, my involvement with the education of housestaff, and my direct care of patients as an academic hospitalist.