

CURRICULUM VITAE

PERSONAL DATA

Name: Sanjay Saint, MD, MPH

EDUCATION

Sept. 1983- June 1988 Undergraduate, University of California, Irvine
BA (Political Science), BS (Biology)

July 1988 – June 1992 UCLA School of Medicine, MD

July 1996 – June 1998 University of Washington School of Public Health,
MPH

POSTDOCTORAL TRAINING

June 1992 – June 1993 Internship, University of California, San Francisco - San
Francisco, California, categorical medicine

July 1993 – June 1995 Residency, University of California, San Francisco - San
Francisco, California, categorical medicine

June 1995 – June 1996 Chief Medical Resident, University of California, San Francisco
(San Francisco VA Medical Center)

July 1996 – June 1998 Fellowship, Robert Wood Johnson Clinical Scholars Program,
University of Washington, Seattle, Washington

SENIOR POSTDOCTORAL TRAINING

None

ACADEMIC APPOINTMENTS

July 1998 – Aug 1999 Lecturer, Department of Internal Medicine, Division of General
Medicine, University of Michigan Health System, Ann Arbor,
Michigan

Sept 1999 – Aug 2002 Assistant Professor of Medicine, Department of Internal
Medicine, Division of General Medicine, University of
Michigan Health System, Ann Arbor, Michigan

Sept 2002 – Aug 2006 Associate Professor of Medicine (with tenure), Department of
Internal Medicine, University of Michigan Health System, Ann
Arbor, Michigan

Sept 2006 - present Professor of Medicine (with tenure), Department of Internal
Medicine, Division of General Medicine, University of
Michigan Health System, Ann Arbor, Michigan

ACADEMIC ADMINISTRATIVE APPOINTMENTS

Director, Patient Safety Enhancement Program, Ann Arbor VA Medical Center & University
of Michigan Health System

Senior Associate Division Chief, Division of General Internal Medicine

Acting Chief of Medicine, Ann Arbor VA Medical Center (Dec 1, 2005 – May 31, 2006;
permanent Chief of Medicine was on sabbatical)

CLINICAL/HOSPITAL APPOINTMENTS

July 1998 – present Ann Arbor VA Medical Center
July 1998 – present University of Michigan Medical Center

SCIENTIFIC ACTIVITIES

Editorial Boards

American Journal of Infection Control
Agency for Healthcare Research and Quality (AHRQ) Web Morbidity & Mortality Rounds
American Journal of Medicine
Journal of Clinical Outcomes Management
Journal of Hospital Medicine
Journal of Patient Safety

Study Sections

CDC – Chair, Applied Research on Antimicrobial Resistance Study Section (July 2004)
CDC – Chair, Epi-Centers for Prevention of Healthcare-Associated Infections (Dec 2005)
Agency for Healthcare Research and Quality – SBIR (Ad hoc Reviewer)
Blue Cross Blue Shield of Michigan Foundation Study Section (Grants Advisory Panel)
National Institute on Aging (NIA/NIH) – site visit member for University of Chicago P01
grant, 2003 and 2004
Seattle VA Medical Center's Epidemiological Research Information Center Pilot Grants
(Ad hoc Reviewer)
Society of Hospital Medicine (Heart Failure Grant Review Panel)
The Physicians' Services Incorporated Foundation (Ad hoc Reviewer)
University of Michigan Faculty Grants and Awards (Reviewer)
University of Michigan New Pilot and Collaborative Grant Program for Translational
and Clinical Research (Reviewer)

Journal Section Co-Editor

“Current Methodological Concepts” - American Journal of Infection Control
“Quality Grand Rounds” – Annals of Internal Medicine
“National Patient Safety Goals” – Joint Commission Journal on Quality and Patient Safety

Journal Reviewer

Academic Medicine (2003-2005)
American Journal of Infection Control (1996, 1998, 2001-2005)
American Journal of Managed Care (1999, 2000, 2005, 2006)
American Journal of Medicine (1996, 1998, 2000-2004, 2006)
American Journal of Respiratory and Critical Care Medicine (2003)
American Journal of Respiratory Medicine (2003)
Annals of Internal Medicine (2003-2006)
Antimicrobial Agents and Chemotherapy (2000)
Archives of Internal Medicine (2001)
Archives of Pediatrics and Adolescent Medicine (2001)
British Medical Journal (2005)
Clinical Infectious Diseases (2001, 2003-2005)
Diabetologia (2001)
European Journal of Clinical Microbiology and Infectious Diseases (2001-2003)
Health Affairs (2005)
Infection Control and Hospital Epidemiology (2000, 2001, 2005, 2006)
Intensive Care Medicine (2002, 2006)
Journal of Clinical Epidemiology (2000)
Journal of Clinical Outcomes Management (2001-2003)
Journal of General Internal Medicine (2002-2006)
Journal of Hospital Medicine (2006)
Journal of Infectious Diseases (2000)
Journal of Patient Safety (2006)
Journal of the American Board of Family Practice (2004)
JAMA (2000-2005)
Lancet (2000, 2002)
Medical Care (2001, 2002, 2005)
New England Journal of Medicine (2005)
Pharmacoepidemiology and Drug Safety (2001)
Southern Medical Journal (2006)
The Joint Commission Journal on Quality and Safety (2003-2005)
Urology (2001)

Other Journal Activities

Special Correspondent, New England Journal of Medicine

GRANT SUPPORT

Current

Principal Investigator, Translating Nosocomial Infection Research into Practice. 7/1/04 – 6/30/07; Advanced Career Development Award – VA Health Services Research and Development - \$480,000.

Co-Principal Investigator, Translating Infection Prevention Evidence into Practice – Merit Review Grant. 10/01/04 – 04/30/08; VA Health Services Research and Development - \$799,655.

Co-Principal Investigator, Hospitalists as Emerging Leaders in Patient Safety (HELPS) Consortium of Southeastern Michigan: Targeting Few to Affect Many. 4/1/05 – 9/30/07; Blue Cross/Blue Shield Foundation of Michigan - \$117,067.

Principal Investigator, Infection Risk of Urinary Collection Strategies. 7/1/05 – 5/31/07; National Institutes of Health/NIDDK - \$306,000.

Co-Investigator, Robert Wood Johnson Clinical Scholars Program. 7/1/05 – 6/30/07; Robert Wood Johnson Foundation - \$455,216.

Pending

Principal Investigator, Predictors of Hospital-Acquired Urinary Tract-Related Bloodstream Infection. 7/1/07 – 6/30/09; National Institutes of Health - \$418,000.

Principal Investigator, Does the University of Michigan's Claims Management Model Reduce Malpractice Costs? 3/1/07 – 2/28/08; Blue Cross Blue Shield of Michigan Foundation – \$64,405.

Core Director, Optimizing Therapeutic Strategies in Populations with Multiple Chronic Comorbidities. 7/15/07 – 7/14/11; AHRQ - \$3,999,047.

Past

Principal Investigator, Preventing Urinary Tract Infection using Silver-Coated Urinary Catheters: A Cost-Effectiveness Analysis. 12/97 – 6/99; Association for Practitioners of Infection Control - \$4,680.

Co-Principal Investigator, VA Merit Review: Risk Factors for Nosocomial Bacteremia Related to Urinary Tract Infection: A Case-Control Study. 10/97-10/00; VA Epidemiologic Research Information Center (ERIC) Grant - \$61,993.

Co-Principal Investigator, Minocycline/Rifampin versus Chlorhexidine/Silver Sulfadiazine Coated Central Venous Catheters: A Cost-effectiveness Analysis. 1/00 – 12/00; Association for Practitioners of Infection Control - \$8,964.

Co-Principal Investigator, Chlorhexidine versus Povidone-Iodine Solution for Central Venous Catheter Site Care: A Meta-analysis and Cost-effectiveness Analysis. 1/00 – 12/00; Association for Practitioners of Infection Control, STERIS Focused Research Project - \$8,442.

Co-Investigator, Quality Grand Rounds. 11/00-4/01. California Healthcare Foundation (Principal Investigator of subcontract from UCSF) - \$10,970.

Co-Principal Investigator, Condom versus Indwelling Catheter Evaluation (CONVINCE) Trial. 7/97 - 6/01. Mentor Corporation - \$35,000.

Co-Investigator, The Discharge Navigator: Facilitating the Transition from Hospital to Outpatient Care via a New Web Infrastructure. 11/00 - 11/01. AETNA Quality Care Research Fund - \$116,539.

Principal Investigator, The Clinical and Economic Effects of Antibiotic Therapy in Acute Exacerbation of Chronic Bronchitis. 11/99 - 6/02; AETNA Quality Care Research Fund - \$243,900.

Principal Investigator, Suprapubic vs. urethral catheterization: A meta-analysis. 1/1/02 – 12/31/02; The Research Foundation for Prevention of Complications Associated with Health Care - \$10,000.

Co-Investigator, Improving Patient Safety in Hospitals: Implementing Change at Ground Zero. 2/1/02-1/31/03; Blue Cross Blue Shield of Michigan Foundation - \$114,119.

Co-Investigator, Quality Grand Rounds. 11/16/01 – 1/31/03. California Healthcare Foundation (Principle Investigator of subcontract from UCSF) - \$22,090.

Co-Principal Investigator, Long-Term Care Requirements of Elderly Patients Undergoing Coronary Artery Bypass Grafting Surgery (Principal Investigator, Kenneth M. Langa, MD, PhD), 7/02 – 6/03, \$33,000.

Principal Investigator, Enhancing Patient Safety by Reducing Catheter-Related Infections. VA HSR&D Career Development Award, 7/01- 6/04. Department of Veterans Affairs - \$433,440.

Co-Investigator, Quality Grand Rounds. 6/16/03 – 6/30/04. California Healthcare Foundation (Principal Investigator of subcontract from UCSF) - \$30,000.

Principal Investigator, Enhancing Patient Safety by Reducing Inappropriate Urinary Catheterization. 5/01 – 4/04. Blue Cross Blue Shield of Michigan Foundation - \$121,570.

Co-Principal Investigator, Long-Term Care Requirements of Elderly Patients Undergoing Coronary Artery Bypass Grafting Surgery in Michigan (Principal Investigator, Kenneth M. Langa, MD, PhD), 10/03 – 9/04, \$50,000.

Co-Investigator, Hartford Foundation/Society of General Internal Medicine, “Collaborative Center for Research and Education in the Care of Older Adults,” 1/03 – 12/04 - \$91,000.

Co-Investigator, Toward a Safety Culture: Reducing Nosocomial Infections. 10/1/03 – 8/30/05; Agency for Healthcare Research and Quality (Principal Investigator of subcontract from University of Cincinnati) - \$61,921.

Co-Principal Investigator, Targeting Interventions to Reduce Errors. 10/1/01 – 9/29/05; National Institutes of Health (Agency for Healthcare Research and Quality) - \$600,000.

CERTIFICATION AND LICENSURE

Board Certification: National Board of Medical Examiners - Part I - June, 1990
 National Board of Medical Examiners - Part II - September, 1991
 National Board of Medical Examiners - Part III - March, 1993
 Diplomate of the American Board of Internal Medicine, 1995-2005
 Diplomate of the American Board of Internal Medicine (Re-certified),
 2005-2015

Medical Licensure: California State License, 1993
Washington State Medical License, 1996
Michigan State License, 1998

MILITARY SERVICE

None

HONORS & AWARDS

Student

1987 Phi Beta Kappa Honor Society
1987 Chancellor's Scholarship
1988 Jane Unzelman Scholarship
1988 Lauds & Laurels "Senior of the Year"
1988 *Magna cum laude* in Political Science
1988 *Magna cum laude* in Biology
1992 Alpha Omega Alpha Honor Society

Resident

1993 Julius Krevans Award - UCSF Intern of the Year
1996 UCSF School of Medicine Teaching Award

Faculty

1998 National VA HSR&D Award for Best Abstract in Post-doctoral Category
1998 Society of General Internal Medicine National Meeting – Mack Lipkin Sr.
Award for Outstanding Abstract in Fellows Category
1999 National VA HSR&D Award for Best Abstract in Post-doctoral Category
1999 Marquis Who's Who in Medicine and Healthcare
2000 Token of Appreciation from Medical Students
2000 Blue Cross Blue Shield of Michigan Foundation, Excellence in Research
Award for Physicians
2001 National Association of Inpatient Physicians - Young Investigator of the Year
Award
2001 National Association of Inpatient Physicians 4th Annual National Meeting -
Best Abstract Award
2001 Department of Internal Medicine Richard D. Judge Award for Excellence in
Medical Student Teaching
2001 Token of Appreciation from Medical Students
2002 University of Michigan Medical School "The Senior Award" (given to one
medical school faculty member per year for excellence in teaching)

2002	University of Michigan Medical School "Silver Shovel Award" (teaching award given to a single medical school faculty member per year)
2002	Token of Appreciation from Medical Students
2003	Department of Internal Medicine's H. Marvin Pollard Award for Outstanding Resident Teaching
2003	Best Doctors in America: 2003-2004
2004	Kaiser Permanente Award for Excellence in Teaching, University of Michigan
2005	Best Doctors in America: 2005-2006
2006	Detroit Federal Executive Board Award for Clinical Excellence
2006	Special Recognition for Contributions to the House Officer Teaching Program
2007	Token of Appreciation from Medical Students

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

American College of Physicians
 Association of Professionals in Infection Control
 Central Society for Clinical Research (Past Chair, Health Care Research/Epidemiology)
 Infectious Diseases Society of America
 Society of Hospital Medicine (Past Chair, Research Committee; Past Chair, Scientific Abstract Review Committee; Past Chair, Journal Task Force)
 Society of General Internal Medicine
 Society for Healthcare Epidemiology of America

TEACHING ACTIVITIES

National

1995-1996	Weekly teaching rounds with University of California, San Francisco (UCSF) third-year medical students
1995-1996	Facilitator, UCSF Department of Medicine – Daily Resident Report: 6 months
1995-1996	Facilitator, UCSF Department of Medicine – Weekly Intern Report: 6 months
1995-1996	Co-Founder and Moderator, UCSF Department of Medicine Housestaff Clinical Epidemiology Club monthly meeting
1995-1996	Organizer and Co-Developer, Intensive Care Unit Course Curriculum for UCSF Medical Housestaff
1995-1996	Co-Attending, Intensive Care Unit: 3 months at UCSF/San Francisco VA Medical Center
1995-1996	Attending, General Medicine Clinic: Weekly at UCSF/San Francisco VA Medical Center
1995-1996	Attending, Medical Consultation: 3 months at UCSF/San Francisco VA Medical Center
1995-1996	Attending, Medical Ward: 2 months at UCSF/San Francisco VA Medical Center

- 1997-1998 Attending, Medical Ward: 1 month at University of Washington/Seattle VA Medical Center
- 2001 Member of USMLE Step 3 Standard Setting Panel, National Board of Medical Examiners, Philadelphia, PA
- 2000-2001 Member of PhD Supervisory/Dissertation Committee for Nathorn Chaiyakunapruk, School of Pharmacy, University of Washington, Seattle, WA

University of Michigan

- 1998– 2000 Clinical Skills Instructor for University of Michigan second-year medical students
- July 1998 Faculty, Introduction to the Patient for first-year medical students, University of Michigan School of Medicine
- Dec 1998 Attending, General Internal Medical Ward: University of Michigan Medical Center
- Mar 1999 Attending, General Internal Medical Ward: University of Michigan Medical Center
- Mar 1999 Intern Report - University of Michigan Department of Internal Medicine
- Apr 1999 Session leader -- Clinical epidemiology, study design, and evidence-based medicine: University of Michigan second-year medical students
- May 1999 Attending, Medical Ward: Ann Arbor VAMC
- May 1999 Intern Report - University of Michigan Department of Internal Medicine
- July 1999 Attending, General Internal Medical Ward: University of Michigan Medical Center
- Aug 1999 Intern Report – University of Michigan Department of Internal Medicine
- Aug 1999 Resident Report – University of Michigan Department of Internal Medicine
- Aug 1999 Resident Report – University of Michigan Department of Internal Medicine
- Sept 1999 Resident Report – Ann Arbor VA Medical Center
- Oct 1999 Attending, Medical Ward: Ann Arbor VA Medical Center
- Nov 1999 Chief Rounds – Ann Arbor VA Medical Center
- Dec 1999 Resident Report – University of Michigan Department of Internal Medicine
- Jan 2000 Resident Report – University of Michigan Department of Internal Medicine
- Jan 2000 Intern Report – Ann Arbor VA Medical Center
- Jan 2000 Resident Report - Ann Arbor VA Medical Center
- Mar 2000 Resident Report – University of Michigan Department of Internal Medicine
- April 2000 Intern Report – University of Michigan Department of Internal Medicine

April 2000 Attending, General Internal Medical Ward: University of Michigan Medical Center
 Aug 2000 Attending, Medical Ward: Ann Arbor VA Medical Center
 Sept 2000 Resident Report – University of Michigan Department of Internal Medicine
 Oct 2000 Resident Report – University of Michigan Department of Internal Medicine
 Dec 2000 Attending, General Internal Medical Award: University of Michigan Medical Center
 Dec 2000 Intern Report – University of Michigan, Department of Internal Medicine
 Feb 2001 Attending, Medical Ward: Ann Arbor VA Medical Center
 April 2001 Attending, General Internal Medical Award: University of Michigan Medical Center
 May 2001 Resident Report – University of Michigan Department of Internal Medicine
 June 2001 Attending, General Internal Medical Award: University of Michigan Medical Center
 2001-Present Weekly preceptor rounds with third year medical students
 July 2001 Attending, Medical Ward: Ann Arbor VA Medical Center
 Aug 2001 Intern Report - Ann Arbor VA Medical Center
 Sept 2001 Resident Report - University of Michigan Department of Internal Medicine
 Sept 2001 Discussant, M & M Conference – University of Michigan Department of Internal Medicine
 Nov 2001 Resident Report – University of Michigan Department of Internal Medicine
 April 2002 Attending, Medical Ward: Ann Arbor VA Medical Center
 Aug 2002 Attending, Medical Ward: Ann Arbor VA Medical Center
 Mar 2003 Attending, Medical Ward: Ann Arbor VA Medical Center
 Aug 2003 Leader, M1 Students – Medical Decision Making Small Group Session
 Aug 2003 Attending, Medical Ward: Ann Arbor VA Medical Center
 April 2004 Resident Report – University of Michigan Department of Internal Medicine
 July 2004 Attending, Medical Ward: Ann Arbor VA Medical Center
 Mar 2005 Leader, M4 Students – Diagnostic Testing Small Group Session
 Apr 2005 Attending, Medical Ward: Ann Arbor VA Medical Center
 Aug 2005 Attending, Medical Ward: Ann Arbor VA Medical Center
 Sept 2005 Resident Report – University of Michigan Department of Internal Medicine
 Nov 2005 Resident Report – University of Michigan Department of Internal Medicine
 Nov 2005 Chief of Medicine Rounds – University of Michigan Medical Center

Dec 2005	Patient Safety Rounds – Ann Arbor VA Medical Center
12/05-5/06	Daily Resident Report: Ann Arbor VA Medical Center
Jan 2006	Chief of Medicine Rounds – Ann Arbor VA Medical Center
Mar 2006	Chief of Medicine Rounds – Ann Arbor VA Medical Center
June 2006	Attending, Medical Ward: Ann Arbor VA Medical Center
Aug 2006	Attending, Medical Ward: Ann Arbor VA Medical Center
Nov 2006	Attending, Medical Ward: Ann Arbor VA Medical Center

EXTRAMURAL INVITED PRESENTATIONS

International

"Preventing Catheter-Related Urinary Tract Infection: Are Silver Catheters Useful?" 51st Central Japanese Urological Association Convention, Osaka, Japan, November 2001.

"Preventing Device-Related Infections: Exploring Collaborative Opportunities." Thames Valley University, London, England, September 2002.

"What Effect Does Increasing Inpatient Time Have On Outpatient-Oriented Internist Satisfaction?" Society of General Internal Medicine 26th Annual Meeting, Vancouver, British Columbia, May 2003.

"Enhancing Patient Safety Through Infection Control." Infection Control Association of the British Isles, Telford, England, September 2003.

"The Use of a Urinary Catheter Reminder to Reduce Urinary Catheterization in Hospitalized Patients." International Society for Pharmacoeconomics and Outcomes Research, Barcelona, Spain, November 2003.

"How Advanced Infection Control Technologies Can Benefit Both Patients and Hospitals." Press Seminar on the Japanese Healthcare System, Tokyo, Japan, March 2004.

"Enhancing Patient Safety by Preventing Hospital Acquired Infection." The John Radcliffe Hospital/Oxford University, Oxford, England, June 2004.

"Preventing Nosocomial Infection." Department of Microbiology & Infectious Diseases Seminar, The John Radcliffe Hospital/Oxford University, Oxford, England, June 2004.

"Enhancing Patient Safety by Preventing Hospital-Acquired Infection." University of Toronto Department of Medicine, May 2005.

"Translating Hospital-Associated Infection Prevention into Practice." 2nd Annual HTAi Meeting, Europe Congress Centre, Università Cattolica del Sacro Cuore, Rome, Italy, June 2005.

National

"Chronic Obstructive Pulmonary Disease & the Massachusetts General Hospital." Medical Staff Conference – UCSF/San Francisco VA Medical Center, June 1995.

"Risk Reduction in the Intensive Care Unit." UCSF Medical Grand Rounds – UCSF/San Francisco VA Medical Center, June 1996.

“The Basics of Meta-analysis.” University of Washington Robert Wood Johnson Clinical Scholars Program, July 1997.

“Vasculitis: An Overview.” Chief of Medicine Rounds – University of Washington/ Seattle VA Medical Center, September 1997.

“The Effectiveness of a Guideline for the Management of Urinary Tract Infection in Women.” 16th VA Health Services Research & Development National Conference, Washington DC, February 1998.

“The Effectiveness of a Guideline for the Management of Urinary Tract Infection in Women.” Society of General Internal Medicine 21st Annual Meeting, Chicago, IL, April 1998.

“The Effectiveness of a Guideline for the Management of Urinary Tract Infection in Women.” Robert Wood Johnson Clinical Scholars Program National Meeting, Fort Lauderdale, FL, November 1998.

“The Clinical and Economic Consequences of using Antiseptic-impregnated Central Venous Catheters to Prevent Catheter-related Infections.” 17th VA Health Services Research & Development National Conference, Washington DC, February 1999.

“The Clinical and Economic Effects of Silver Alloy Urinary Catheters to Prevent Urinary Tract Infection.” 17th National VA HSR&D Conference, Washington DC, February 1999.

“How to Get an Academic Job.” (Part of the pre-course entitled “A General Internal Medicine Fellowship Survival Course”.) Society of General Internal Medicine 22nd Annual Meeting, San Francisco, CA, April 1999.

“The Clinical and Economic Effects of Silver Alloy Urinary Catheters to Prevent Urinary Tract Infection.” Society of General Internal Medicine 22nd Annual Meeting, San Francisco, CA, April 1999.

“The Clinical and Economic Effects of Silver Alloy Urinary Catheters to Prevent Urinary Tract Infection.” Association of Practitioners of Infection Control and Epidemiology Annual Meeting, Baltimore, MD, June 1999.

“ICU Prophylaxis.” Management of the Hospitalized Patient - UCSF National Conference. San Francisco, CA, September 1999.

“The Clinical and Economic Benefits of Antiseptic-Impregnated Central Venous Catheters for the Prevention of Catheter-Related Bloodstream Infection.” The Robert Wood Johnson Clinical Scholars Program National Meeting, Ft. Lauderdale, FL, November 1999.

“The Use of Cost-effectiveness Analysis in Infection Control.” 4th Decennial International Conference on Nosocomial and Healthcare-Associated Infections, Atlanta, GA, March 2000.

“How to Get an Academic Job.” (Part of the pre-course entitled, “A General Internal Medicine Fellowship Survival Course.”) Society of General Internal Medicine 23rd Annual Meeting, Boston, MA, May 2000.

“Being a Hospitalist Researcher.” (Part of the pre-course entitled, “Hospital Medicine.”) Society of General Internal Medicine 23rd Annual Meeting, Boston, MA, May 2000.

“Enhancing Patient Safety: The University of Michigan Experience.” Georgia Healthcare Leadership Council. Atlanta, GA, November 2000.

"Lack of Physician Awareness of Urinary Catheters in their Patients." The Robert Wood Johnson Clinical Scholars Program National Meeting, Ft. Lauderdale, FL, November 2000.

"Do Physicians Examine Patients Under Contact Precautions Less Frequently?" The National Association of Inpatient Physicians 4th Annual National Meeting, Atlanta, GA, March 2001.

"Evaluation and Management of Acute Uncomplicated UTI in Women." American College of Physicians/American Society of Internal Medicine National Meeting, Atlanta, GA, March 2001.

"Applying Health Services Research to Prevent Nosocomial Infections." Association for Professionals in Infection Control and Epidemiology National Conference. Seattle, WA, June 2001.

"Error Prevention in Management of Urinary Tract Infections." The Infectious Diseases Society of America's National Conference on Patient Safety in Infectious Diseases, Chicago, IL, July 2001.

"Enhancing Patient Safety by Preventing Catheter-related Infection." Cleveland Clinic Foundation Medical Grand Rounds, Cleveland, OH, September 2001.

"Quality Grand Rounds: A Case of Nosocomial Hypoglycemia." Improving Patient Safety and Decreasing Errors in the Hospital, University of California, San Francisco, CA, October 2001.

"Enhancing Patient Safety by Preventing Hospital-acquired Infections." Management of the Hospitalized Patient, University of California, San Francisco, CA, October 2001.

"Device Associated Adverse Events: Impact and Prevention." National Patient Safety Conference sponsored by the CDC, Baltimore, MD, January 2002.

"The Clinical and Economic Benefits of Chlorhexidine Compared to Povidone Iodine Solution." VA HSRD Conference, Washington, DC, February 2002.

"Pathogen-specific Issues in Acute Exacerbation of Chronic Bronchitis." (Part of symposium entitled "Contemporary Management of Acute Bacterial Exacerbation of Chronic Bronchitis") PRI-MED South, Fort Lauderdale, FL, February, 2002.

"Enhancing Patient Safety by Preventing Urinary Catheter and Vascular Catheter-related Infection." University of Nebraska Medical Grand Rounds, Omaha, Nebraska, March 2002.

"How to Get an Academic Job." (Part of the pre-course entitled "A General Internal Medicine Fellowship Survival Course.") Society of General Internal Medicine 25th Annual Meeting, Atlanta, Georgia, May 2002.

"The Clinical and Economic Benefits of Chlorhexidine Compared to Povidone Iodine Solution." Society of General Internal Medicine 25th Annual Meeting, Atlanta, Georgia, May 2002.

"Enhancing Patient Safety by Preventing Device Related Infection." Association of Professionals in Infection Control, Greater Detroit Chapter, Providence Hospital, Southfield, Michigan, July 2002.

"Evidence-Based Management of Acute Uncomplicated UTI: Is Relief Only a Phone Call Away?" Legacy Health System, Portland, Oregon, September 2002.

"Performing Clinical Research as a Resident: The Do's and Don'ts." Legacy Health System, Portland, Oregon, September 2002.

"Enhancing Patient Safety by Reducing Catheter-Related Infection." Legacy Health System, Portland, Oregon, September 2002.

“Hospitalists: Is the Juice Worth the Squeeze?” Legacy Health System, Portland, Oregon, September 2002.

“Meta-Analysis: An Overview.” Legacy Health System, Portland, Oregon, September 2002.

“Prevention Strategies in the ICU.” University of California, San Francisco, California, October 2002.

“Patient Safety Through Infection Control.” Association of Professionals in Infection Control, Chicago Chapter, Chicago, Illinois, October 2002.

“The University of Michigan’s Patient Safety Enhancement Program: Translating Research into Practice.” Michigan Health and Safety Coalition, South Lyon, Michigan, January 2003.

“Enhancing Patient Safety by Preventing Catheter Related Infections.” Medical Grand Rounds, Oakwood Hospital & Medical Center, Dearborn, Michigan, January 2003.

“Translating Nosocomial Infection Prevention into Practice.” AHRQ 2nd Annual National Patient Safety Conference, Washington, D.C., March 2003.

“Clinical Practice Strategies to Enhance Patient Safety.” Chelsea Hospital, Chelsea, MI, March 2003.

“Which Site Disinfectant Should We Use for Vascular Catheter Site Care?” Society for Healthcare Epidemiology of America, Arlington, VA, April 2003.

“Enhancing Patient Safety by Reducing Hospital-Acquired Infection.” UCSF Department of Medicine Grand Rounds, San Francisco, CA, September 2003.

“How to Get an Academic Job.” UCSF Department of Epidemiology Clinical Research Course, San Francisco, CA, September 2003.

“Developing a Hospitalist-Based Patient Safety Program: Should We? Can We? How?” The 5th National Kaiser Permanente Hospital Medicine Conference, Berkeley, CA, September 2003.

“Enhancing Patient Safety by Reducing Hospital-Acquired Infection.” The 5th National Kaiser Permanente Hospital Medicine Conference, Berkeley, CA, September 2003.

“Overview of Nephrology.” UCSF 3rd Year Medical Student Seminar, San Francisco, CA, September 2003.

“Using Evidence-Based Medicine to Manage Acute UTI in Women.” St. Mary Mercy Hospital Grand Rounds, Livonia, MI, September 2003.

“Catheter-Related Blood Stream Infections.” AHRQ Patient Safety Collaborative Kickoff, Cincinnati, OH, November 2003.

“Device-Related Patient Safety.” Michigan Society for Infection Control, Lansing, MI, November 2003.

“Recent Advances in Clinical Medicine.” Visiting Professor, Bon Secours Cottage Health Services, Grosse Pointe, MI, January 2004.

“The Do’s and Don’ts of Conducting Research as a Clinician: Tales from the Trenches.” St. Joseph Mercy Health System, 6th Annual Evidence-Based Practice Conference: Shaping the Environment, Ann Arbor, MI, March 2004.

“From Quality Improvement to Research.” Society of Hospital Medicine’s 2004 Annual Meeting, New Orleans, LA, April 2004.

“The Do’s and Don’ts of Performing Clinical Research.” Society of Hospital Medicine’s 2004 Annual Meeting, New Orleans, LA, April 2004.

“ICU Prophylaxis.” Society of Hospital Medicine’s 2004 Annual Meeting, New Orleans, LA, April 2004.

“Reducing the Burden of Nosocomial Urinary Tract Infections Using Antimicrobial-impregnated Urethral Catheters.” Surgical Infection Society 24th Annual Meeting, Indianapolis, IN, May 2004.

“Enhancing Patient Safety by Preventing Hospital-Acquired Infection.” Sparrow Health System, Lansing, Michigan, June 2004.

“The Economics of Controlling Infections Associated with Prosthetic Devices.” Fourth Annual Conference of the Center for Prostheses Infection (CPI) and the Multidisciplinary Alliance Against Device-Related Infections (MADRI), San Antonio, TX, August 2004.

“The Rise and Rise of Infection Prevention and Control Programs.” St. John Macomb Hospital, Warren, MI, September 2004.

“Catheter-Related Blood Stream Infections – Incidence, Impact & Evidence Based Interventions.” AHRQ Patient Safety Collaborative Kickoff, Cincinnati, OH, September 2004.

“Preventing Hospital-Acquired Infection.” Medical Grand Rounds, University of Oklahoma, September 2004.

“The Do’s and Don’ts of Performing Research as a Clinician: Lessons from the Trenches.” Management of the Hospitalized Patient, University of California San Francisco, September 2004.

“Prevention Strategies in the ICU.” Management of the Hospitalized Patient, University of California San Francisco, September 2004.

“Translating Nosocomial Infection Methods Into Practice.” AHRQ 3rd Annual National Patient Safety Conference, Washington, DC, September 2004.

“The Do’s and Don’ts of Conducting Research as a Resident: Tales from the Trenches.” S. Frederick Rabiner, M.D. Visiting Professorship, Legacy Health System, Portland, OR, October 2004.

“Clinical Problem Solving – Don’t Know Much About History.” S. Frederick Rabiner, M.D. Visiting Professorship, Legacy Health System, Portland, OR, October 2004.

“Enhancing Patient Safety by Preventing Hospital-Acquired Infection.” S. Frederick Rabiner, M.D. Visiting Professorship, Legacy Health System, Portland, OR, October 2004.

“Using Evidence-Based Medicine to Manage Acute UTI in Women.” S. Frederick Rabiner, M.D. Visiting Professorship, Legacy Health System, Portland, OR, October 2004.

“Enhancing Patient Safety by Preventing Hospital-Acquired Infection.” University of California Davis Grand Rounds, Sacramento, CA, December 2004.

“Research as a Resident.” University of California Davis, Sacramento, CA, December 2004.

“Performing Resident Research.” Memorial Health University Medical Center, Mercer School of Medicine, Savannah, GA, January 2005.

“Hospitalist as a Career.” Memorial Health University Medical Center, Mercer School of Medicine, Savannah, GA, January 2005.

“Enhancing Patient Safety by Preventing Hospital-Acquired Infection.” Harvard University/Beth Israel Deaconess Medical Grand Rounds, Boston, MA, January 2005.

“Performing Research as a Clinician: Tales from the Trenches.” Boston Area Hospitalist Meeting, Boston, MA, January 2005.

“Enhancing Patient Safety by Preventing Catheter-related Infection.” University of Utah Department of Medicine Grand Rounds, Salt Lake City, UT, March 2005.

“Preventing Catheter-related Infection.” Medical Grand Rounds, Henry Ford Health System, Department of Internal Medicine, Detroit, MI, March 2005.

“How to Get an Academic Job.” Building a Career in Clinical Research Course, University of California San Francisco, September 2005.

“Hospital-Acquired Infections.” Hospitalist Conferences USA, San Diego, CA, September 2005.

“Preventing Catheter-Related Bloodstream Infection: Are We There Yet?” Infectious Diseases Society of America National Meeting, San Francisco, CA, October 2005.

“Research for Residents.” Beth Israel Medical Center Noon Conference, New York, NY, October 2005.

“How to Think Like an Attending.” Beth Israel Medical Center Intern’s Core, New York, NY, October 2005.

“Enhancing Patient Safety by Preventing Hospital-Acquired Infection.” Beth Israel Medical Center Grand Rounds, New York, NY, October 2005.

“Enhancing Patient Safety by Preventing Catheter-Related Infection.” HSR&D Career Development/Research Career Scientist Program, Arlington, VA, February 2006.

“Clinical Decision Making.” ACP Air Force Region/Society of Air Force Physicians Annual Meeting, San Antonio, TX, March 2006.

“The Science and Art of Clinical Problem-Solving: Pearls and Pitfalls.” Norwalk Hospital Medical Grand Rounds, 3rd Annual Richard Zucker Memorial Lecture, Norwalk, CT, March 2006.

“The Do’s and Don’ts of Conducting Research as a Busy Hospitalist: Tales from the Trenches.” University of Washington, Seattle, WA, April 2006.

“Enhancing Patient Safety by Preventing Catheter-Related Infection.” University of Washington Medical Grand Rounds, Seattle, WA, April 2006.

“How to Get a Job and Get Promoted.” University of Washington Robert Wood Johnson Clinical Scholars Program, Seattle, WA, April 2006.

“Performing Clinical Research as a Busy Hospitalist.” Lake Erie Chapter of the Society of Hospital Medicine, Cleveland, OH, May 2006.

“Enhancing Patient Safety by Preventing Hospital-Acquired Infection.” MetroHealth Medical Center Grand Rounds, Cleveland, OH, May 2006.

“How to Get an Academic Job.” University of California, San Francisco, August 2006.

“The Do’s and Don’ts of Conducting Clinical Research as a Resident: Tales from the Trenches.” San Francisco VA Medical Center, San Francisco, CA, August 2006.

“Reducing the Incidence of Catheter-Related Urinary Tract Infections.” VHA’s Best Practices Symposium: Eliminating Hospital Acquired Infections, Baltimore, MD, September 2006.

“Cost of Infections and Cost-Effectiveness in Infection Control.” (Moderator) 46th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, September 2006.

“Is Infection Control Cost-Effective?” 46th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, September 2006.

“Enhancing Patient Safety by Preventing Hospital-Acquired Infection.” Medical College of Wisconsin, Milwaukee, WI, March 2007.

“Enhancing Patient Safety by Preventing Catheter-Related Urinary Tract Infections.” New Jersey’s Antimicrobial Resistance Collaborative, Princeton, NJ, April 2007.

“Enhancing Patient Safety by Preventing Hospital-Acquired Infection.” Northwestern Memorial Hospital Medical Grand Rounds, Chicago, IL, April 2007.

“UTI and Translating Research into Practice.” Keystone HAI Workshop, Grand Rapids, MI, April 2007.

“Advanced Epidemiologic Methods.” Workshop #1, The Society for Healthcare Epidemiology of America 2007, Baltimore, MD, April 2007.

“The Use of Economic Evaluation in Infection Control.” Concurrent Symposia, The Society for Healthcare Epidemiology of America 2007, Baltimore, MD, April 2007.

University of Michigan

“Meta-analysis: An Overview” – University of Michigan Robert Wood Johnson Clinical Scholars Program, August 1998.

“Meta-analysis: An Overview” – Ann Arbor VA Health Services Research & Development Conference, September 1998.

“How to Get an Academic Job” – University of Michigan Robert Wood Johnson Clinical Scholars Program, September 1998.

“The Clinical and Economic Effects of Silver Alloy Urinary Catheters to Prevent Urinary Tract Infection” - University of Michigan Department of Internal Medicine Research Day, May 1999.

“Risk Reduction in the Medical ICU” – University of Michigan Department of Internal Medicine Noon Conference, June 1999.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, July 1999.

“The What, Why, and How of Meta-analysis” – University of Michigan Robert Wood Johnson Clinical Scholars Program, August 1999.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, October 1999.

“One Lunch Could Decide Your Future” – Medical Center Alumni Society Career Seminar Series, Internal Medicine Panel Discussion for First and Second Year Medical Students, October 1999.

“Telephone Management for Women with UTI” – Primary Care Conference, January 2000.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, February 2000.

“Clinical Problem Solving Revealed” - Seminars in Medicine, April 2000.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, June 2000.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, July 2000.

“Meta-analysis: An Overview” – University of Michigan Robert Wood Johnson Clinical Scholars Program, July 2000.

“Meta-analysis: The Why, What, and How” – University of Michigan National Institute of Health’s K30 Program, October 2000.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, Oct 2000.

“The Nuts and Bolts of Obtaining an Academic Job” – University of Michigan Robert Wood Johnson Clinical Scholars Program, January 2001.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, March 2001.

“Enhancing Patient Safety by Preventing Catheter-Related Infection” – Department of Internal Grand Rounds, March 2001.

“Preventing Catheter-Related Infections: Cost and Safety Issues” – Third Annual Evidence-Based Practice, Clinical Relevance and Practical Realities, March 2001.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, April 2001.

“Meta-analysis: An Overview” – University of Michigan Robert Wood Johnson Clinical Scholars Program, July 2001.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, July 2001.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, November 2001.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, January 2002.

“An Approach to Anemia” - Core Lecture Series for Third Year Medical Students, April 2002.

“Meta-analysis: The Why, What, and How” – University of Michigan National Institute of Health’s K30 Program, April 2002.

“Preventing Urinary and Vascular Catheter Infections” – University of Michigan Medical School, Department of Medical Education, Internal Medicine Update, July 2002.

“Clinic Pathologic Conference” – University of Michigan Medical School, Department of Medical Education, Internal Medicine Update, July 2002.

“Management of Acute UTI in Woman: Is Telephone Management Ready for Prime Time?” – University of Michigan Medical School, Department of Medical Education, Internal Medicine Update, July 2002.

“Meta-analysis: The Why, What, and How” – University of Michigan Robert Wood Johnson Clinical Scholars Program, August 2002.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, August 2002.

"An Approach to Anemia" - Core Lecture Series for Third Year Medical Students, October 2002.

"Enhancing Patient Safety by Preventing Catheter-related Infections" – Improving Patient Safety in Hospitals: Turning Ideas into Action, November 2002.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, February 2003.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, May 2003.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, July 2003.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, October 2003.

"Prevention of Hospital Acquired Infections", 32nd Annual Spring Update in Internal Medicine, April 2004.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, April 2004.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, July 2004.

"Meta-analysis: An Overview" – University of Michigan Robert Wood Johnson Clinical Scholars Program, August 2004.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, September 2004.

"Enhancing Patient Safety by Preventing Catheter-Related Infection" – Pulmonary and Critical Care Medicine, October 2004.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, November 2004.

"Meta Analysis Applications for Women's Health" – OB/GYN Health Services Research Seminar, November 2004.

"Translating Nosocomial Infection Preventive Methods into Practice" – General Medicine Research Conference, November 2004.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, February 2005.

"Evidence Based Medicine: Diagnostic Testing for M4s" – Small Group Leader, March 2005.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, April 2005.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, June 2005.

"Literature Review and Meta Analysis" – Robert Wood Johnson Clinical Scholars Summer Course, July 2005.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, August 2005.

"How to Get an Academic Job" – Robert Wood Johnson Clinical Scholars Program, September 2005.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, November 2005.

"An Approach to Anemia" – Core Lecture Series for Third Year medical Students, March 2006.

"Nurse-Physician Collaboration to Prevent Infection" – University of Michigan School of Nursing Leadership Conference, May 2006.

"An Approach to Anemia" – Core Lecture Series for Third Year Medical Students, June 2006.

“Meta-analysis: An Overview” – University of Michigan Robert Wood Johnson Clinical Scholars Program, July 2006.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, September 2006.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, November 2006.

“An Approach to Anemia” – Core Lecture Series for Third Year Medical Students, February 2007.

Visiting Professorships/Visiting Lectureships

Cleveland Clinic, Cleveland, OH, September 2001

University of Nebraska Medical Center, Omaha, NE, March 2002

Legacy Health System, Portland, OR, September 2002

University of Miami, Miami, FL, May 2004

The John Radcliffe Hospital/Oxford University, Oxford, England, June 2004

University of Oklahoma, Tulsa, OK, September 2004

Legacy Health System, Portland, OR, October 2004

University of California at Davis, Sacramento, CA, December 2004

Mercer University School of Medicine, Savannah, GA, January 2005

Harvard University/Beth Israel Deaconess Medical Center, Boston, MA, January 2005

University of Utah, Salt Lake City, UT, March 2005

Beth Israel Medical Center, New York, NY, October 2005

Norwalk Hospital, Norwalk, CT, March 2006

University of Washington and Harborview Medical Center’s Hospitalist Group, April 2006

University of Washington’s Clinical Scholars Program, April 2006

Case Western Reserve University/MetroHealth, Cleveland, OH, May 2006

Medical College of Wisconsin, Milwaukee, WI, March 2007

Northwestern Memorial Hospital, Chicago, IL, April 2007

COMMITTEE AND ADMINISTRATIVE SERVICE

1995-1996	Resident Review Committee, University of California, San Francisco
1995-1996	Intern Selection Committee, University of California, San Francisco
1995-1996	Chief Resident Selection Committee, University of California, San Francisco
1995-1996	Discharge Planning Committee, San Francisco VA Medical Center
1996-1998	University of Washington Robert Wood Johnson Clinical Scholars Program Visiting Professor Coordinator
1998-2003	Internal Medicine, Intern Applicant Interviewer, University of Michigan
1998 – present	Robert Wood Johnson Clinical Scholars Program Fellowship Applicant Interviewer, University of Michigan

1999 – 2000	Scientific Abstract Review Committee, National Association of Inpatient Physicians' National Meeting
1999 – 2004	Co-Chair, Adverse Events Committee, Ann Arbor VA Medical Center
2000 – 2001	Chair, Research Committee – Research Foundation for Prevention of Complications Associated with Health Care
2000 – present	Member, Patient Safety Committee, University of Michigan Health System
2000 – 2001	Scientific Abstract Review Committee, National Association of Inpatient Physicians' National Meeting
2001 – 2005	Member, Patient Safety and Quality Committee, National Association of Inpatient Physicians
2001 – 2002	Member, Annual Meeting Committee, National Association of Inpatient Physicians
2001 – 2004	Chair, Research Committee, National Association of Inpatient Physicians (now called the Society of Hospital Medicine)
2001 – 2002	Chair, Scientific Abstract Review Committee, National Association of Inpatient Physicians (now called the Society of Hospital Medicine)
2002 – 2006	Chair, Health Care Research/Epidemiology, Central Society for Clinical Research
2003 – present	Member, Collaborative Health Studies Research Initiative
2002 – 2003	Member, University of Michigan Department of Medicine's Clinical Research Working Group
2002 – 2003	Co-Chair, Society of General Internal Medicine Hospital Medicare Abstract Review Committee
2002 – 2003	Member, Society of General Internal Medicine Workshop Review Committee
2002 – 2003	Member, Society of General Internal Medicine Scientific Abstract Review Committee

2002 – 2003	Member, National Association of Inpatient Physicians Scientific Abstract Review Committee
2003 – 2005	Member, University of Michigan Medical School's Conflict of Interest Review Board
2003 – present	Member, University of Michigan Medical School's Admissions Committee
2003 – 2005	Member, Ann Arbor VA Medical Center's Institutional Review Board
2003 – 2004	Member, Department of Internal Medicine Research Symposium Abstract Review Committee
2003 – 2005	Co-Chair, Society of Hospital Medicine-Society of General Internal Medicine Discontinuity of Care Task Force
2003 – 2004	Chair, Society of General Internal Medicine Hospital Medicine Abstract Review Committee
2003 – 2004	Member, Society of Hospital Medicine Scientific Abstract Review Committee
2004	Chair, Society of Hospital Medicine Journal Task Force
2004 – 2005	Member, Department of Internal Medicine Faculty Performance Evaluation Committee
2005	Department of Veterans Affairs Health Services Research and Development Meeting – Co-Chair, Quality Measurement & Effectiveness Abstract Committee
2005 – 2006	Member, Ann Arbor VA Medical Center Executive Leadership Board
2005 – 2006	Member, Ann Arbor VA Medical Center Clinical Executive Board
2005 – 2006	Member, Ann Arbor VA Medical Center Resources Council
2005 – 2006	Co-Chair, Ann Arbor VA Medical Center Nurse-Physician Committee
2005 – present	Member, Ann Arbor VA Medical Center Bed Utilization Committee
2006 – present	Chair, Department of Internal Medicine Faculty Performance Evaluation Committee

2006 – present Member, The National Quality Forum, Healthcare Associated Infections Project, Indwelling Catheters & Urinary Tract Infections Technical Advisory Panel

2006 – present Member, Keystone UTI Subgroup

PATENTS

None

BIBLIOGRAPHY

Completed Publications in Scientific Journals

Peer-reviewed publications

1. **Saint S**, Bent S, Vittinghoff E, Grady D. Antibiotics in chronic obstructive pulmonary disease exacerbations: A meta-analysis. *JAMA*. 1995; 273:957-960.
2. **Saint S**, Go A, Frances C, Tierney LM. Case records of the Massachusetts General Hospital: A home-court advantage? *N Engl J Med*. 1995; 333(13):883-884.
3. Salzmann P, **Saint S**, Tierney LM. Mad cow disease: An opportunity for preventive medicine? *West J Med*. 1997; 167:417-419.
4. **Saint S**, Saha S, Tierney LM. Clinical problem-solving: A square peg in a round hole. *N Engl J Med*. 1998; 338:379-383.
5. **Saint S**, Matthey MA. Risk reduction in the intensive care unit. *Am J Med*, 1998; 105:515-523.
6. **Saint S**, Elmore J, Sullivan SD, Emerson S, Koepsell TD. The efficacy of silver alloy-coated urinary catheters in preventing urinary tract infection: A meta-analysis. *Am J Med*, 1998; 105:326-341.
7. **Saint S**, Veenstra DL, Sullivan SD. The use of meta-analysis in cost-effectiveness analysis: Issues and recommendations. *PharmacoEconomics*, 1999; 15(1):1-8.
8. Veenstra DL, **Saint S**, Saha S, Lumley T, Sullivan SD. Efficacy of antiseptic-impregnated central venous catheters in preventing catheter-related bloodstream infection: A meta-analysis. *JAMA*, 1999; 281:261-267.
9. Saha S, **Saint S**, Tierney LM. Clinical problem-solving: A balancing act. *N Engl J Med*, 1999; 340(5):374-378.
10. **Saint S**, Lipsky BA. Preventing catheter-related bacteriuria: Can we? Should we? How? *Arch Intern Med*, 1999; 159:800-808.
11. **Saint S**, Scholes D, Fihn SD, Farrell R, Stamm WE. The effectiveness of a clinical practice guideline for the management of presumed uncomplicated urinary tract infection in women. *Am J Med*, 1999; 106:636-641.
12. Bent S, **Saint S**, Vittinghoff E, Gady D. Antibiotics in acute bronchitis: A meta-analysis. *Am J Med*, 1999; 107(1):62-67.

13. Veenstra DL, **Saint S**, Sullivan SD. Cost-effectiveness of antiseptic-impregnated central venous catheters to prevent catheter-related bloodstream infection. *JAMA*, 1999; 282(6):554-560.
14. Fisk DT, **Saint S**, Tierney LM. Clinical problem-solving: Back to the basics. *N Engl J Med*, 1999; 341:747-750.
15. **Saint S**, Atherton S, Lipsky BA, McDonald L, Strausbaugh L. Controlling the spread of vancomycin-resistant enterococci with contact precautions: Time for a randomized trial? *Int J Infect Dis*, 1999; 3(4):179-180.
16. **Saint S**, Lipsky BA, Baker PD, McDonald LL, Ossenkop K. Urinary catheters: What type do men and their nurses prefer? *J Amer Geriatr Soc*, 1999; 47(12):1453-1457.
17. Saha S, Christakis DA, **Saint S**, Whooley MA, Simon SR. A survival guide for generalist physicians in academic fellowships: Part I. *J Gen Intern Med*, 1999; 14(12):745-749.
18. Saha S, **Saint S**, Christakis DA, Simon SR, Fihn SD. A survival guide for generalist physicians in academic fellowships: Part II. *J Gen Intern Med*, 1999; 14(12):750-755.
19. Gulati M, **Saint S**, Tierney LM. Clinical problem-solving: Inpatient inpatient care. *N Engl J Med*, 2000; 342(1):37-40.
20. **Saint S**, Christakis DA, Baldwin LM, Rosenblatt, R. Is hospitalism new? An analysis of Medicare data from Washington State in 1994. *Effect Clin Pract* 2000; 35-39.
21. **Saint S**. State of the Science: Clinical and economic consequences of nosocomial catheter-related bacteriuria. *Amer J Infect Control*, 2000; 28(1):68-75.
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23. **Saint S**, Veenstra DL, Lipsky BA. The clinical and economic consequences of nosocomial central venous catheter-related infection: Are antimicrobial catheters useful? *Infect Cont Hosp Epid*, 2000; 21(6):375-380.
24. Christakis DA, **Saint S**, Saha S, Elmore JG, Welsh DE, Baker P, Koepsell TD. Do physicians judge a study by its cover? *J Clin Epi*, 2000; 53:773-778.
25. **Saint S**, Veenstra DL, Sullivan SD, Chenoweth C, Fendrick AM. The potential clinical and economic benefits of silver alloy urinary catheters in preventing urinary tract infection. *Arch Intern Med*, 2000; 160:2670-2675.
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80. Parekh V, **Saint S**, Furney S, Kaufman S, McMahon L. What effect does inpatient specialty and experience have on clinical outcomes and resource utilization on an academic general medical service? *J Gen Intern Med* 2004; 19(5):395-401.
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82. Hu KK, Veenstra DL, Lipsky B, **Saint S**. Use of maximal sterile barriers during central-venous catheter insertion: Clinical and economic outcomes. *Clin Infect Dis* 2004; 39:1441-1445.
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84. Fletcher KE, Davis SQ, Underwood W, Mangrulkar RS, McMahon LF, **Saint S**. Systemic review: Effects of resident work hours on patient safety. *Ann Intern Med* 2004; 141(11):851-857.
85. Nallamothu BK, Shojania KG, **Saint S**, Hofer TP, Humes HD, Moscucci M, Bates ER. Is acetylcysteine effective in preventing contrast-related nephropathy? A meta-analysis. *American Journal of Medicine* 2004; 117:938-947.
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