

*****My C.V. at the time of promotion to Associate Professor*****

Vikas I Parekh, M.D.
Assistant Professor of Internal Medicine
3119 Taubman Center, Box 5376
Ann Arbor, MI 48109
(734) 647-2892
viparekh@umich.edu

Education and Training

9/1991 - 6/1995 B.A., University of Virginia, Charlottesville, Virginia
with distinction, Interdisciplinary Studies

9/1995 - 6/1999 M.D., Harvard Medical School, Boston, Massachusetts.

6/1999 - 6/2002 University of Michigan Health System, Ann Arbor,
Michigan. Internal Medicine Residency

Certification and Licensure

2002 Diplomate, American Board of Internal Medicine (#210704)
2002 Michigan Medical License (#4301073980)
2002 Federal DEA License (#BP7734800)

Academic Appointments

7/2002 - 8/2005 Instructor on the Clinical Track, University of Michigan

9/2005 - present Assistant Professor on the Clinical Track, University of Michigan

Administrative Appointments

4/2004 - 6/2006 Director, Non-Housestaff Hospitalist Services, Department of
Internal Medicine, University of Michigan

7/2006 - 7/2008 Assistant Director, Hospitalist Program, Department of Internal
Medicine, University of Michigan

7/2005 - present Associate Director, Internal Medicine Residency Program,
University of Michigan

7/2006 - present Director for Quality, Hospitalist Program, Department of Internal
Medicine, University of Michigan

10/2007 - present Physician Lead, Inpatient Services, Department of Internal
Medicine, University of Michigan

7/2008 - present Associate Director, Hospitalist Program, Department of Internal
Medicine, University of Michigan

Clinical Appointments

7/2002 - present Attending Physician, University of Michigan Hospitals

Research Interests

1. Organization and Delivery of Inpatient Care
2. Patient Safety and Quality improvement
3. Residency Education
4. Overuse of Proton pump Inhibitors

Grant Support

Previous

Del Valle J (Principal Investigator), Mangrulkar R, Lukela M, **Parekh VI** (Co-Investigators). Competency Based Education in Patient Safety and Quality Improvement. 6/01/06 – 6/30/09; University of Michigan GME Innovations Fund. (\$900,000).

Parekh VI (Principal Investigator). Hospitalization as a Driver of Inappropriate Use of Acid Suppressive Medication. 7/01/04 - 6/30/05; Blue Cross Blue Shield of Michigan Foundation. (\$9,806).

Flanders SA (Principal Investigator), Saint S (Co-PI), **Parekh VI** (Project Manager). Hospitalists as Emerging Leaders in Patient Safety (HELPS) Consortium of Southeastern Michigan. Targeting few to affect many. Widespread dissemination of patient safety best practices. 4/1/05 - 4/1/07; Blue Cross Blue Shield of Michigan Foundation. (\$117,000).

Honors and Awards

1991 - 1995 Echols Scholar, University of Virginia

1991 - 1995 Virginia Scholar. Highest state level academic award

1994 Phi Beta Kappa

1994 Lawn Resident. University of Virginia. Awarded to fourth-year students
for significant contributions to the university

1998 Aesculapian Club, Harvard Medical School. Elected for contributions to
the student community

2004 University of Michigan Top Quintile Teaching Faculty

2005 University of Michigan Top Quintile Teaching Faculty

2006	H. Marvin Pollard Award for Outstanding Teaching of Residents. Highest Award for Resident Teaching in the Department of Medicine.
2006	University of Michigan Top Quintile Teaching Faculty
2007	America's Best Doctors, Internal Medicine, Best Doctors, Inc.
2008	University of Michigan Top Quintile Teaching Faculty
2009	America's Best Doctors, Internal Medicine, Best Doctors, Inc.
2010	University of Michigan Provost's Teaching Innovation Prize. University-wide prize awarded for our Patient Safety Program for Residents.

Memberships in Professional Societies

1999 - present	Member, American College of Physicians
2002 - present	Member, Society of Hospital Medicine
2002 - present	Member, Society of General Internal Medicine
2004 - present	Member, Association of Program Directors in Internal Medicine
2010 - present	Fellow, American College of Physicians (FACP)
2010 - present	Senior Fellow, Society of Hospital Medicine (SFHM)

Editorial Positions, Boards, and Peer-Review Service

Editorial Boards

2005 - present	Today's Hospitalist, Editorial Board Member
----------------	---

Peer Review Service

2003 - present	Journal of General Internal Medicine
2005 - present	Journal of Hospital Medicine
2007 - present	Annals of Internal Medicine

Teaching

Harvard Medical School

1998 - 1999	Tutor, Harvard Medical School - Physical examination course for second-year medical students.
-------------	---

University of Michigan

Pre-clinical:

2000 - 2001	Clinical Skills Instructor, Clinical skills course for medical students
May 2003	Small Group Leader, Evidence Based Medicine Course (M2)
Aug 2003	Small Group Leader, Medical Decision Making Course (M1)
2003 - 2004	Clinical Skills Instructor, Clinical skills course for medical students

2003 - 2005	Clinical Skills Educator, Funded position (10% effort) teaching history and physical exam skills to 1 st and 2 nd year medical students
Aug 2004	Small Group Leader, Medical Decision Making Course (M1)
Aug 2005	Small Group Leader, Evidence Based Medicine Course (M2)
Feb 2007	Faculty, Comprehensive Clinical Assessment (M2)

Clinical:

2002 - present	Ambulatory Preop Clinic Resident Preceptor
2002 - present	General Medicine Ward Attending (3-6 months/year)

Committee and Administrative Service

Medical School

1995 - 1999	Faculty Committee on Financial Aid, Harvard Medical School
1995 - 1999	Multicultural Affairs Committee, Harvard Medical School
2000 - 2002	President (2001-02); House Officers' Association, U of M
2001 - 2002	Executive Committee on Clinical Affairs, U of M
2005 - present	Internal Medicine House Officer Evaluation and Promotion Committee, U of M
2009 – present	Co-chair, Internal Medicine House Officer Evaluation and Promotion Committee, U of M
2005 - present	Internal Medicine House Officer Selection Committee, U of M
2009 – 2010	Co-chair, Internal Medicine House Officer Selection Committee, U of M
2005 - present	Institutional Falls Prevention Committee, U of M
2005 - present	Rapid Response Team Steering Committee, U of M
2005 - 2008	Centers for Medicare Services Demonstration Project - Pharmacy Facilitated Discharge Committee, U of M
2005 - 2008	Lean Design Team Committee – Medicine Faculty Hospitalist Service Patient Throughput, U of M
2006 - present	CPR Committee, U of M
2007 - present	Attending Identification Project Team, U of M
2007 - 2008	5B Model Inpatient Unit Committee, U of M
2008 - 2010	Co-Lead, Acute MI EKG Process Improvement Team, U of M
2009 - present	Bed Utilization Committee, U of M
2009 - present	Co-Lead, Medical Admissions Process Improvement Team, U of M
2009 - present	Co-Lead, Paging and Communication Improvement Team, U of M

National:

2003 - 2008	Member, National Certification Exam Content Relevance Group, American Board of Internal Medicine
2005 - present	Member, Society of Hospital Medicine, Annual Meeting Clinical Vignette Abstract Committee

2006 - present	Co-Chair, Society of General Internal Medicine, Academic Hospitalist Task Force
2008 - present	Co-Director, Society of General Internal Medicine and Society of Hospital Medicine, Academic Hospitalist Academy Faculty Development Course
2009 - 2010	Chair, Society of Hospital Medicine, Education Committee
2010 - present	Chair, Society of Hospital Medicine, Education Cluster (Executive Oversight of following Committees: Education, Annual Meeting, Leadership, Quality Improvement Education)
2009 - present	Member, Society of Hospital Medicine, Annual Meeting Committee
2009 - present	Member, Society of Hospital Medicine, QI Education Committee

Intramural Invited Presentations

2002

Faculty Discussant. Resident Report. University of Michigan. Quarterly.

2003

Faculty Discussant. Resident Report. University of Michigan. Quarterly.

Faculty Discussant. Ambulatory Report. University of Michigan. Quarterly.

2004

University of Michigan Grand Rounds. CPC Discussant: Abdominal Pain in Renal Transplant Patient. January 30, 2004.

Faculty Discussant. Resident Report. University of Michigan. Quarterly.

Resident Ambulatory Report. "Introduction to Health Care Finances". University of Michigan. April 23, 2004.

2005

Faculty Discussant. Resident Report. University of Michigan. Monthly.

Faculty Discussant. Intern Report. University of Michigan. Quarterly.

"Introduction to Health Care Finances." Intern Conference. University of Michigan. March 8, 2005.

2006

Faculty Discussant. Resident Report. University of Michigan. Monthly.

Faculty Discussant. Intern Report. University of Michigan. Quarterly.

Chief Rounds. University of Michigan Residency Program. Quarterly.

“Introduction to Health Care Finances.” Intern Conference. University of Michigan. March 30, 2006.

2007

Faculty Discussant. Resident Report. University of Michigan. Monthly.

Faculty Discussant. Intern Report. University of Michigan. Quarterly.

Chief Rounds. University of Michigan Residency Program. Quarterly.
“Introduction to Health Care Finances.” Intern Conference. University of Michigan. January 4, 2007.

University of Michigan Grand Rounds. CPC Discussant. “Adrenal Mass and Hypotension” July 27, 2007.

2008

Faculty Discussant. Resident Report. University of Michigan. Quarterly.

Faculty Discussant. Intern Report. University of Michigan. Quarterly.

Chief Rounds. University of Michigan Residency Program. Quarterly.

“Introduction to Health Care Finances.” Intern Conference. University of Michigan. February 26, 2008.

2009

Faculty Discussant. Resident Report. University of Michigan. Quarterly.

Faculty Discussant. Intern Report. University of Michigan. Quarterly.

Chief Rounds. University of Michigan Residency Program. Quarterly.

Patient Safety Conference. University of Michigan Residency. Monthly.

“Macroeconomics of Health Care.” Resident Lecture Series. University of Michigan. March 4, 2009.

Intern Conference. “Introduction to Health Care Finances.” University of Michigan. June 4, 2009.

2010

Faculty Discussant. Resident Report. University of Michigan. Quarterly.

Chief Rounds. University of Michigan Residency Program. Quarterly.

Patient Safety Conference. University of Michigan Residency. Monthly.

“Macroeconomics of Health Care.” Resident Lecture Series. University of Michigan. March 10, 2010.

Extramural Invited Presentations

2005

Interest Group Co-Leader. Academic Hospitalists. Society of General Internal Medicine Annual Meeting, May 14, 2005, New Orleans, Louisiana.

2006

Interest Group Co-Leader. Academic Hospitalists. Society of General Internal Medicine Annual Meeting, April 28, 2006, Los Angeles, California

“Covering the Uncovered Service,” Society of Hospital Medicine Annual Meeting. May 5, 2006. Washington, DC.

2007

“Hospitalists and Quality Improvement,” Society of General Internal Medicine Annual Meeting, April 28, 2007, Toronto, Canada.

Interest Group Co-Leader. Academic Hospitalists. Society of General Internal Medicine Annual Meeting. April 28, 2007, Toronto, Canada.

“Keeping the Academic in Academic Hospitalist Programs,” Society of Hospital Medicine Annual Meeting. May 25, 2007, Dallas, Texas.

“Academic Hospitalist Programs: Nuts and Bolts”, Association of Chiefs of General Internal Medicine Summit. December 3, 2007. Scottsdale, Arizona.

2008

“Lean Thinking Applied to Optimize Hospital Flow,” Society of Hospital Medicine Annual Meeting. April 5, 2008. San Diego, CA

“Integrating Residents into Health System Quality Improvement,” Society of General Internal Medicine Annual Meeting, April 11, 2008, Toronto, Canada

Interest Group Co-Leader. Academic Hospitalists. Society of General Internal Medicine Annual Meeting. April 11, 2008, Pittsburgh, Pennsylvania

“Patient Safety and Quality Improvement: Background and an Approach to Physician Involvement,” Michigan State Medical Society Annual Scientific Meeting, October 24, 2008, Troy, Michigan

2009

“Integrating Residents into Institutional Quality Improvement and Patient Safety Initiatives,” Association of Program Directors in Internal Medicine Annual Meeting, April 29, 2009, Dallas, Texas

“Using Physician Assistants and Nurse Practitioners in Hospital Medicine Practices,” 5th Annual Midwestern Hospital Medicine Conference, Northwestern University, October 2, 2009, Chicago, Illinois

“Applied Principles of Quality Improvement,” Academic Hospitalist Academy, Society of Hospital Medicine, Society of General Internal Medicine and Association of Chiefs of General Medicine, November 9, 2009, Atlanta, Georgia

“Team and Time Management,” Academic Hospitalist Academy, Society of Hospital Medicine, Society of General Internal Medicine and Association of Chiefs of General Internal Medicine, November 9, 2009, Atlanta, Georgia

“The Quality Portfolio: A New Tool to Facilitate Promotion,” Association of Chiefs of General Internal Medicine Summit. December 7, 2009, Scottsdale, Arizona

2010

“Making Quality Improvement Count in Your Academic Career: How to Document, Disseminate and Promote your Work,” Society of Hospital Medicine Annual Meeting, April 9, 2010, Washington, DC

“Creative Compensation Methods in Hospital Medicine (Panel),” Society of Hospital Medicine Annual Meeting, April 10, 2010, Washington, DC

“Making Quality Count: The Quality Portfolio,” Society of General Internal Medicine Annual Meeting, April 30, 2010, Minneapolis, Minnesota

Interest Group Co-Leader. Academic Hospitalists. Society of General Internal Medicine Annual Meeting. April 30, 2010, Minneapolis, Minnesota

“Applied Principles of Quality Improvement,” Academic Hospitalist Academy, Society of Hospital Medicine, Society of General Internal Medicine and Association of Chiefs of General Medicine, September 23, 2010, Atlanta, Georgia (Anticipated)

“Team and Time Management,” Academic Hospitalist Academy, Society of Hospital Medicine, Society of General Internal Medicine and Association of Chiefs of General Internal Medicine, September 23, 2010, Atlanta, Georgia (Anticipated)

Bibliography

Publications in Peer-Reviewed Journals

1. Langenberg SE, **Parekh VI**, Blackbourne LH, Mauney MC, Buchanan SA, Bianchi J, Kron IL, Tribble CG. Preconditioning for spinal cord protection during aortic cross clamping. *FASEB Journal*, 1994;8: A655.
2. Buchanan SA, Mauney MC, DeLima NF, Langenburg SE, Bianchi J, Shockey KS, **Parekh VI**, Tribble CG, Kron IL. Pulmonary function following non-heart beating lung donation in a survival model. *Annals of Thoracic Surgery*, 1995;60: 38-46.
3. Buchanan SA, Mauney MC, **Parekh VI**, DeLima NF, Binns OA, Cope JS, Shockey KS, Tribble CG, Kron IL. Intratracheal surfactant administration preserves airway compliance during lung reperfusion. *Annals of Thoracic Surgery*, 1996;62: 1617-21.
4. **Parekh VI**, Saint S, Kaufman SK, Furney S, McMahon, L. What Effect Does Inpatient Physician Specialty and Experience Have on Clinical Outcomes and Resource Utilization on a General Medicine Service? *Journal of General Internal Medicine*, 2004;19: 395-401.
5. Bump G, **Parekh VI**, Saint S. Above or Below? *Journal of Hospital Medicine*, 2006;1: 36-41.
6. Malani A, Trimble K, **Parekh VI**, Chenoweth C, Kaufman S, Saint S. A Review of Clinical trials of Skin Antiseptic Agents to Reduce Culture Contamination. *Infection Control and Hospital Epidemiology*. 2007;7: 892-5.
7. Bhavsar J, Montgomery D, Li J, Kline-Rogers E, Saab F, Motivala A, Froehlich J, **Parekh VI**, Del Valle J, Eagle K. Impact of Duty Hours Restrictions on Quality of Care and Clinical Outcomes. *American Journal of Medicine*. 2007;11: 968-74.
8. Fletcher K, **Parekh VI**, Halasyamani L, Kaufman S, Schapira M, Ertl K, Saint S. The Work Hours Rules and Contributors to Patient Care Mistakes: A Focus Group Study With Internal Medicine Residents. *Journal of Hospital Medicine*, 2008;3: 228-237.
9. Sehgal N, Shah H, **Parekh VI**, Roy C, Williams M. Non-Housestaff Medicine Services in Academic Centers: Models and Challenges. *Journal of Hospital Medicine*, 2008;3: 247-255.

10. Flanders SA, Kaufman S, Saint S, **Parekh VI**. Hospitalists as Emerging Leaders in Patient Safety (HELPS): Lessons Learned and Future Directions. *Journal of Patient Safety*. 2009;5: 3-8.
11. **Parekh VI**, Roy C. Non-physician providers in hospital medicine: Not so fast. *Journal of Hospital Medicine*, 2010;5: 103-106.
12. Regal R, Osta A, **Parekh VI**. Interventions to Curb the Overuse of Acid Suppressive Medications on a General Medicine Service. *Pharmacy and Therapeutics*, 2010;2: 86-90.
13. Kim C, Lukela M, **Parekh VI**, Mangrulkar R, DelValle J, Spahlinger D, Billi J. Teaching Internal Medicine Residents Quality Improvement and Patient Safety: A Lean Thinking Approach. *American Journal of Medical Quality*, 2010;3: 211-217.

Non-peer reviewed publications

1. **Parekh VI**, Flanders S. Resident Work Hours, Hospitalist Programs and Academic Medical Centers. *The Hospitalist*, 2005;Jan/Feb:30-33.

Chapters in Books

1. **Parekh VI** (manuscript reviewer). In: *Saint-Frances Guide to Inpatient Medicine (2nd edition)*. Saint S, Frances C, authors. Williams & Wilkins, Baltimore, Maryland, 2003.
2. **Parekh VI**, Saint S. "Fluid, Acid-Base, and Electrolytes." In: *Essential of Diagnosis and Treatment (3rd edition)*. Saint S, Tierney L, Whooley MA, editors. McGraw-Hill, New York, New York, 2005.
3. **Parekh VI**, Riddell J. "Septic Arthritis" In: *Comprehensive Hospital Medicine*. Williams M editor. Elsevier, Philadelphia, Pennsylvania, 2007.

Books

1. Flanders SA, **Parekh VI**, Halasyami L. Co-editors. *Hospital Medicine: The Medical Clinics of North America*. Elsevier. Philadelphia, PA: 92(2) xi-xii. 2008.

Abstracts, Preliminary Communications, Clinical Papers

1. **Parekh VI**, Saint S, Kaufman S, McMahon L. Who Should Care for Hospitalized Medical Patients: Generalists or Specialists? National Association of Inpatient Physicians 6th Annual Meeting, San Diego, California, March 2003 and the Society of General Internal Medicine 26th Annual Meeting, Vancouver, British Columbia April 2003.

2. **Parekh VI**, Trimble K, Chenoweth C, Saint S. How Should We Reduce False Positive Blood Cultures? An Evidence-Based Systematic Review. Society of Hospital Medicine 7th Annual Meeting, New Orleans, Louisiana, April 2004.
3. **Parekh VI**, Saint S, Fendrick AM. Hospitalization as a Driver of Inappropriate Outpatient Use of Acid-Suppressive Medications. Society of Hospital Medicine 8th Annual Meeting, Chicago, Illinois, April 2005.
4. **Parekh VI**, Fletcher K, Sharpe B, Cornia P, Vidyarthri A. The Impact of Resident Work Hours Limits on Internal Medicine Resident's Continuity Clinic Experience. Society of General Internal Medicine 28th Annual Meeting, New Orleans, Louisiana, May, 2005.
5. Fletcher K, **Parekh VI**, Kaufman S, Saint S. Internal Medicine Residents' Perspective on Contributors to Patient Care Errors. Society of Hospital Medicine 8th Annual Meeting, Chicago, Illinois, April 2005 and the Society of General Internal Medicine 28th Annual Meeting, New Orleans, Louisiana, May 2005.
6. Flanders S, **Parekh VI**, Saint S. The Michigan HELPS Patient Safety Consortium: Targeting Few to Affect Many. Society of Hospital Medicine 8th Annual Meeting, Chicago, Illinois, April 2005.
7. Wesorick D, Kramer M, Cohen M, Mangrulakar R, Fiona L, **Parekh VI** et al. Standardized Observations of Cross-Cover Events in Hospitalized Patients: What Goes Bump in the Night? Society of Hospital Medicine 9th Annual Meeting, Washington, DC, May 2006.
8. Bhavsar J, Montgomery D, Kline-Rogers E, Saab F, Motivala A, Froehlich J, **Parekh VI**, Del Valle J. Impact of the ACGME Residency Duty Hours Restrictions on Quality of Care, Efficiency and Outcomes of Patients with Acute Coronary Syndrome. The American Heart Association's 7th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke, Washington, DC, May, 2006.
9. Chang R, **Parekh VI**, Bahl V, Flanders S. Fostering Improvement in DVT Prophylaxis Rates in High-Risk Patients by Applying the Caprini Risk Score to an Administrative Database. Society of Hospital Medicine Annual Meeting, San Diego, CA. April, 2008.
10. Flanders SA, Kaufman SR, Saint S, **Parekh VI**. Hospitalists as Emerging Leaders in Patient Safety (HELPS): Lessons Learned and Future Directions. Society of Hospital Medicine Annual Meeting, San Diego CA and Society of General Internal Medicine Annual Meeting, Pittsburgh, PA. April 2008.
11. Kim C, Chang R, Flanders S, McClish D, Grunawalt J, Bombach K, Calarco M, **Parekh VI**, Spahlinger D, Billi J. Hospitalist-Unit Staff Partnership to Implement and Evaluate Improvements in the Discharge Process: Utilizing Lean Thinking as a Common Methodology. Society of Hospital Medicine Annual Meeting, San Diego, CA and Society of General Internal Medicine Annual Meeting, Pittsburgh, PA. April 2008.

12. Lukela M, Mangrulkar R, **Parekh VI**, Gosbee J, Del Valle J. Competency Based Education in Patient Safety and Quality Improvement: A Longitudinal, Mentored, Outcomes-Oriented Approach for Internal Medicine Residents. Society of General Internal Medicine Annual Meeting, Pittsburgh, PA. April 2008.
13. Mangrulkar R, Lukela M, **Parekh VI**, Bortimer N, Peet M, Del Valle J. Integration of an Electronic Portfolio Within a Patient Safety Education Curriculum for Residents to Promote Reflection and Feedback on Adverse Events and Near Misses. Society of General Internal Medicine Annual Meeting, Pittsburgh, PA. April 2008.
14. Mangrulkar R, Lukela M, **Parekh VI**, Gosbee J, Hamstra S, Del Valle J. Improving Safety at the Ground Level: Impact of a Longitudinal, Mentored, Multi-Faceted Patient Safety Learning Program for Internal Medicine and Medicine-Pediatrics Residents. Central Group on Educational Affairs of the Association of American Medical Colleges Annual Meeting. Rochester, MN. March 2009.
15. Osta A, **Parekh VI**, Regal R. Educational Interventions to Curb the Inappropriate Use of Acid-Suppressive Agents on a University Based Internal Medicine Inpatient Service. ACCP/ESCP International Congress on Clinical Pharmacy. Orlando, FL. April 2009.
16. Lukela M, Hamstra S, Mangrulkar R, **Parekh VI**, Del Valle J. Medical Error and Self-Reflection: Analysis of Internal Medicine Residents' Adverse Event Self Reflective Exercises. Society of Hospital Medicine Annual Meeting, Chicago, IL, May 2009.