

## CURRICULUM VITAE FOR PROMOTION AND TENURE

PAULA K. SKARDA

### PROFESSIONAL ADDRESS

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### IDENTIFYING INFORMATION

#### Education and Training

Degree	Institution	Date Degree Granted
B.S.	University of Minnesota, Minneapolis, MN Biochemistry	1989
M.D.	University of Minnesota, Minneapolis, MN	1993
Internship and Residency in Internal Medicine/Pediatrics	University of Minnesota, Minneapolis, MN	1993-1997

#### Certifications, Licenses

Diplomate of the American Board of Pediatrics	1999-present
Diplomate of the American Board of Internal Medicine	1998-present
Minnesota State Medical License (#38484)	1997-present
DEA Registration Certificate (#BS4806305)	1997-present
BLS/ACLS	1997-present
Lean Six Sigma Yellow Belt Certification	2019-present

#### Academic Appointments

University of Minnesota, Twin Cities Campus, Department of Medicine Adjunct Assistant Professor	2001-present
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#### Academic Administrative Appointments

Associate Program Director (0.55 FTE) Internal Medicine Residency Program Regions Hospital	2014-present
Director Regions Equitable Approachable Community Health (REACH) Longitudinal Integrated Clerkship	2017-present
Core Faculty, University of Minnesota	2000-present

Internal Medicine Residency Program Regions Hospital	
Rotation Director Adult Health Care Clinic	2000-present
Rotation Director Geriatrics	2015-present
Instructor, Simplifying Precepting HealthPartners Medical Group	2018-present

**Clinical/Hospital Appointments**

Hospitalist, Regions Hospital	1997-present
Primary Care Physician and Resident Preceptor HealthPartners Medical Group	1997-present
Member, Foundation Board Executive Committee Regions Hospital	2016
Member, Graduate Medical Executive Committee Regions Hospital	2014-present
Regional Assistant Medical Director Specialty Care Division, HealthPartners	2005-2014
Member, Congestive Heart Failure Committee Regions Hospital	2013-present
Chief of Staff Emeritus, Regions Hospital	2010-2011
Chair, Peer Review Regions Hospital	2010-2012
Member, Regions Hospital Imaging Council	2010-2012
Member, Regions Hospital Board Foundation	2010-2016
Chief of Staff, Regions Hospital	2008-2009
Chair, Medical Executive Committee Regions Hospital	2008-2009
Member, Regions Hospital Board	2008-2009
Member, Best Care Best Experience Regions Hospital	2008-2009
Member, Access and Flow Regions Hospital	2008-2009
Member, Expansion 2009 Regions Hospital	2008-2009
Member, Quality Peer Review Regions Hospital	2006-2012
Member, Regions Hospital Board Quality	2006-2008
Chief of Staff Elect, Regions Hospital	2006-2007
Chair, Patient Care Committee Regions Hospital	2006-2007
Chief of Professional Services, Adults and Seniors Health	2005-2008

Division Head, Primary Care Regions Hospital	2000-2005
Chief of Professional Services Midway Clinic	2000-2005
Chair, Medical Records Committee	2000-2006

**Current Membership and Offices in Professional Organizations**

Association of Program Directors in Internal Medicine	2014-present
American College of Physicians	2018-present
American Medical Association	2019-present
Society of Hospital Medicine	2020-present

**HONORS AND AWARDS FOR RESEARCH WORK, TEACHING, PUBLIC ENGAGEMENT, AND SERVICE**

**University of Minnesota**

Department of Medicine Outstanding Teacher Award, Regions Hospital	2012
Department of Medicine Outstanding Teacher Award, Regions Hospital	2005

**External Sources**

<i>Minnesota Monthly</i> Best Doctors	2014-2016, 2020
<i>Minneapolis Saint Paul Magazine</i> Top Doctors	2008
Excellence in Primary Care	2001
HealthPartners Medical Group	

**RESEARCH AND SCHOLARSHIP**

**Grants and Contracts**

**External Sources**

**Current**

Role: Co-investigator  
 Granting Agency: Red Fund, Regions Quality Improvement Grant  
 Grant Title: A Video Study of Nursing Perception of Physician Performance in a Critical Care Setting  
 Project Dates: July 1, 2019-present  
 Total Cost: \$14,957  
 Effort: 0% (in kind)

Role: Co-investigator  
 Granting Agency: HealthPartners Institute  
 Grant Title: Gout SIRS  
 Project Dates: 2019 - 2020  
 Total Cost: 10.000  
 Effort: 0% (in kind)

**Past**

Role: Principal Investigator  
 Granting Agency: Red Fund, Regions Quality Improvement Grant  
 Grant Title: Defining the True Costs of Teaching

Project Dates: July 1, 2018-August 13, 2019

Total Cost: \$21,562

Effort: 0% (in kind)

Role: Principal Investigator

Granting Agency: Red Fund, Regions Quality Improvement Grant

Grant Title: HIV Screening Using EMR Alerts For At-Risk Populations

Project Dates: January 1, 2017-January 31, 2019

Total Cost: \$5,000

Effort: 0% (in kind)

Role: Principal Investigator

Grant Agency: Red Fund, Regions Hospital Quality Improvement Grant

Grant Title: EMR Health Maintenance Impacts on HIV and Hepatitis C in the Outpatient Setting

Project Dates: January 1, 2017-August 7, 2018

Total Cost: \$15,000

Effort: 0% (in kind)

Role: Principal Investigator

Grant Agency: Red Fund, Regions Quality Improvement Grant

Grant Title: The Effects of Electronic Medical Record Display on Provider Ordering Behavior: Leveraging the EMR to Improve Quality and Costs

Project Dates: January 1, 2017-February 5, 2018

Total Cost: \$5,000

Effort: 0% (in kind)

Role: Co-Investigator

Grant Agency: Red Fund, Regions Hospital Quality Improvement Grant

Grant Title: QI Center for Excellence in Quality Improvement Education and Research for Internal Medicine

Project Dates: November 1, 2014-September 30, 2016

Total Cost: \$50,000

Effort: 0% (in kind)

## Publications

Analytics from Google Scholar

H(fl)-index is not available to affiliate faculty

## Impact Analytics Grid

<i>h-index</i>	<i>h(fl)-index</i>	Total Publications	First/Last Author Publications	Total Citations	First/Last Author Citations
3	n/a	5	2	36	1

## Peer-Reviewed Publications

\*Denotes trainees

1. Baldomero, A. K., **Skarda, P. K.**, Marini, J. J. (2019). Driving Pressure: Defining the Range. *Respiratory Care*, 64(8), 883–889. doi: 10.4187/respcare.06599. Dr. Skarda acquired data and reviewed the manuscript.

Impact factor: XXX (20XX); Sum of times cited: 3.

2. Schnaus, M. J.\*, Michalik, M.\*, **Skarda, P.** (2017). Effects of Electronic Medical Record Display on Provider Ordering Behavior: Leveraging the EMR to Improve Quality and Costs. *The American Journal of Medicine*, 130(12), 1366–1371. doi: 10.1016/j.amjmed.2017.08.019. Dr. Skarda developed study design, defined intellectual content, conducted literature research, acquired data, edited and reviewed the manuscript, and is the guarantor of the content.  
Impact factor: XXX (20XX); Sum of times cited: 1.
3. Peeraphatdit, T.\*, Gulleen, E.\*, Anderson, K.\*, **Skarda, P.** (2015). Letter: Underutilization of Albumin Infusion in High-risk Spontaneous Bacterial Endocarditis. *Alimentary Pharmacology and Therapeutics*, 41-42. Doi: 10.1111/apt.13252. Dr. Skarda developed study design, edited and reviewed the manuscript, and is the guarantor of the content.
4. Mosser, G., Frisch, K. K., **Skarda, P. K.**, Gertner, E. (2009). Addressing the Challenges in Teaching Quality Improvement. *The American Journal of Medicine*, 122(5), 487–491. doi: 10.1016/j.amjmed.2009.01.013. Dr. Skarda edited and reviewed the manuscript, and is the guarantor of the content.  
Impact factor: XXX (20XX); Sum of times cited: 29.
5. Hoyer, J. D., McCormick, D. J., Snow, K., Lawler, J., Jadick, M., Grageda, R., Early, J., Ball, C., **Skarda, P.**, Kubik, K., Holmes, M., Fairbanks, V. F. (2002). THREE NEW VARIANTS OF THE $\alpha$ 1-GLOBIN GENE WITHOUT CLINICAL OR HEMATOLOGIC EFFECTS: Hb HAGERSTOWN [ $\alpha$ 44(CE2)Pro $\rightarrow$ Ala ( $\alpha$ 1)]; Hb BUFFALO [ $\alpha$ 89(FG1)His $\rightarrow$ Gln ( $\alpha$ 1)], A HEMOGLOBIN VARIANT FROM SOMALIA AND YEMEN; Hb WICHITA [ $\alpha$ 95(G2)Pro $\rightarrow$ Gln ( $\alpha$ 1)]; AND A SECOND, UNRELATED, CASE OF Hb ROUBAIX [ $\alpha$ 55(E4)Val $\rightarrow$ Leu ( $\alpha$ 1)]. *Hemoglobin*, 26(3), 291–298. doi: 10.1081/hem-120015033. Dr. Skarda edited and reviewed the manuscript  
Impact factor: XXX (20XX); Sum of times cited: 3.

#### Non-Peer-Reviewed Publications

1. Schnaus, M.J.\*, **Skarda, P.**, Michalik, M.\* (2017). EMR Health Maintenance Alert Impacts HIV and Hepatitis C in Outpatient Screening. *AMGA Group Practice Journal*. Volume 66, Number 9, October 2017.
2. Ahmed, I., Frisch, K., **Skarda, P.**, & Gertner, E. (2009). Attitudes and Satisfactions of Primary Care Physicians and Hospitalists in Communication Regarding Hospitalized Patient Care: 4. *Journal Of Hospital Medicine*, 4.

#### Electronic Publications

1. Fisher, R., Nixon, L., Duran, A., Rothenberger, M., **Skarda, P.**, Duffy, B., Olson, A., Danieli, R., Wetherbee, E., Lorence, E., Rank, K., Voight, J., Palmer, A., Ercan-Fang, N. An Iterative Approach to Milestone Assessments Across Settings. *AAIM Curated Milestone Evaluation Exhibit*. <https://www.im.org/resources/ume-gme-program-resources/evaluation-exhibit>

#### Articles Submitted for Publication

#### Poster Abstract Presentations at Professional Meetings, Conferences, etc.

\*Denotes trainees

1. Michalik, M.\*, Schnaus, M.J.\*, **Skarda, P.** The Deadliest Catch: An Analysis of Current HIV and HCV Screening Practices in HealthPartners Clinics. Twin Cities Quality Improvement Forum, Minneapolis, MN, May 2017.

2. Schnaus, M.J.\*, Michalik, M.\*, **Skarda, P.** EMR Health Maintenance Alert on HIV and Hepatitis C Outpatient Screening. Twin Cities Quality Improvement Forum, Minneapolis, MN, May 2017.
3. Michalik, M.\*, Schnaus, M.J.\*, **Skarda, P.** The Use of Electronic Medical Record Display and Pre-selection to Influence Provider Ordering Behavior. Minnesota ACP Chapter Meeting, November 2017.
4. Schnaus, M.J.\*, Huepfel, W.\*, Onizuka, T.\*, **Skarda, P.** Post-Intervention Assessment of Routine HIV Screening. Twin Cities Quality Forum, May 2016.
5. Alpern, M.\*, Anugwom, C.\*, Regan, J.\*, **Skarda, P.** Improvement in Outpatient Asthma Control with Registered Nurse Phone Visits. Twin Cities Quality Forum, May 2016.
6. Cortes-Puentes, G.A.\*, Moulki, N.\*, Lin, L.\*, Medina, A., **Skarda, P.** Improving Advance Directive Documentation in the Outpatient Setting. Twin Cities Quality Forum, May 2016.
7. Moser-Bleil, K.\*, **Skarda, P.** Post-Intervention Assessment of Hepatitis C Birth Cohort Screening. National ACP Meeting, June 2016. 1<sup>st</sup> Place Winner Quality Improvement resident research Minnesota ACP Chapter Meeting, November 2015.
8. Chomilo, N.\*, Reddy, P.\*, Jongwutiwes, U.\*, Saab, A.\*, Vawter, L.\*, **Skarda, P.** Pro-caliWHAT?? Procalcitonin Use at Regions Hospital. Minnesota ACP Chapter Meeting, November 2011.
9. Krohn, K.\*, Mathews, B.\*, Poduska, G.\*, Haveman, L.\*, Schafhauser, E.\*, Harahan, B.\*, Hanson, B.\*, Nguyen, S.\*, Pogemiller, H.\*, Beg, S.\*, Hofbauer, E.\*, **Skarda, P.** Improving Steroid Use in COPD Exacerbations. Minnesota ACP Chapter Meeting, November 2011.
10. Olson, A.\*, Schultz, S.\*, Khalid, H.\*, Korenfeld-Kaplan, Y.\*, McCabe, J.\*, Lick, S.\*, Jorgenson, M.\*, **Skarda, P.** Improving Utilization of Palliative Care in End-Stage Heart Failure. National ACP Meeting, June 2011. 1<sup>st</sup> Place Winner Quality Improvement resident research. Minnesota ACP Chapter Meeting, November 2010. 1<sup>st</sup> Place Winner Quality Improvement resident clinical research.
11. Ahmed, I., Frisch, K., **Skarda, P.**, Gertner, E. Attitudes and Satisfactions of Primary Care Physicians and Hospitalists in Communication Regarding Hospitalized Patient Care. Abstract published at Hospital Medicine, 2009, May 14-17, Chicago, Ill. Abstract 4. *Journal of Hospital Medicine*. 2009; 4 (suppl 1).
12. Darling, R.\*, Jama, D.\*, Kaiser, R.\*, Otto, J.\*, Rhodes, M.\*, Valaas, A.\*, Wait, C.\*, Frisch, K., **Skarda, P.**, Mosser, G., Gertner, E. Teaching Process Improvement: Residents Learn by Redesigning Their Own Care Processes. APDIM Spring Meeting, April 2007.

## Other Key Activities and Accomplishments

### TEACHING AND CURRICULUM DEVELOPMENT

#### University of Minnesota

#### Course/Lecture List

#### Adult Health Care Clinic

Course Director, Adult Health Care Clinic	2000-present
Facilitator, Journal Club (weekly)	2006-present
Facilitator, Mock RCA (monthly)	2014-2018

Case discussion facilitator, In the Clinic (weekly)	2006-2016
Case discussion facilitator, Patient Care Conference (weekly)	1997-2016

## Graduate Medical Education

Facilitator, Clinic Case Conference: Lead case-based discussion for 3-4 residents During weekly continuity clinic (twice monthly)	2012-present
Intern-to-Senior Resident Transition Annual Workshop. Teach interactive sessions on how to function as a senior resident to end-of-year interns (40 residents/session)	2018-2019
Facilitate Food Insecurity Project for residents (5-8 residents monthly)	2015-2018
Facilitate nutrition modules for residents (5-8 residents monthly)	2015-2018
Lecturer, "Root Cause Analysis" (monthly to 5-8 residents)	2014-present
Lecturer, "Failure Mode Analysis and Design" (monthly to 5-8 residents)	2014-2018
Lecturer, "Jeopardy-Governing Bodies of Healthcare" (monthly to 5-8 residents)	2014-2018
Lecturer, "Quality Improvement" (monthly to 5-8 residents)	2015-2017
Lecturer, "Common Ophthalmologic Disorders in Primary Care" (monthly to 5-8 residents)	2010-2016
Lecturer, "Hepatitis" (monthly)	2010-2016
Quality Improvement Curriculum.	2006-2016.

## Undergraduate Medical Education

Principles of Clinical Care, University of Minnesota Medical School	2019-present
Seminar facilitator, Thriving in the Culture of Medicine, Becoming a Doctor Course	August 2018
Lecturer and facilitator, "Quality Improvement Basics" (bi-annually)	2018-present
Lecturer, "The Impact of Social Determinants of Health"	2018-present

## Curriculum Development

### Major Innovations

#### Graduate Medical Education

- I. 2019 – 2020  
Development of a Quality Improvement Curriculum, Quality Improvement site-based rotation and objectives as well as mentoring model for the Internal Medicine Residency (with Byron Vaughn, MD, Reut Danieli, MD, and Michael Schnaus, MD.) Implementation is ongoing. Developed a system wide quality improvement training program and rotation for all our internal medicine residents at the University of Minnesota. All residents will have quality improvement and patient safety training during their intern year. During subsequent years they will each be assigned to one of our three training sites for a clinical quality rotation where they will receive additional training and mentoring in QI. They will all participate in a research of quality improvement project over the course of their rotation.
- II. 2017 – 2019  
Four and Four Scheduling Design (with Amy Candy, MD). To help address burnout and well-being issues among trainees, we developed a modified four and four training model to limit the number of months residents are exposed to long training hours on inpatient rotations by eliminating back to back inpatient rotations for our residents. This was modified slightly in 2019 to allow for international rotations which may extend over several months as well as research blocks.
- III. Started 2012 – 2013  
Development of Milestone-Based Evaluations for Internal Medicine and Internal Medicine-Pediatrics Residencies (with Briar Duffy, MD, Michael Aylward, MD, Colin Turner, MD, James Nixon, MD, and Reut Danieli, MD), implementation is ongoing. Milestone based evaluations are an innovative approach to

assessing resident progression to competence. Milestones are observable markers of development as a physician. I developed milestone evaluations for general internal medicine rotations and specialty consult rotations which were disseminated nationally and used by multiple other programs to develop their site specific evaluations and tools. Evaluations published online on Alliance for Academic Internal Medicine toolbox: <http://www.im.org/toolbox/NASResources/Pages/Milestone-basedEvaluationForms.aspx>

- IV. 2006-2016  
Created a quality improvement curriculum based on IHI teachings for the University of Minnesota Internal Medicine Residency Program. Used the quality improvement curriculum as a framework to developing and completing over 40 projects involving more than 300 residents. These projects were implemented within Regions Hospital and HealthPartners Medical Group.
- V. 2014 – Present  
Continuity clinic curriculum for Internal Medicine. Implementation is ongoing. Develop curricular content for the Internal Medicine Residency through a case-based format. Co-created a quality improvement curriculum and web-based toolbox for preceptors and residents to utilize for quality improvement projects within the continuity clinic sites.
- VI. 2015 - Present  
Geriatrics course structure and curriculum for Internal Medicine for **all** residents. Implementation is ongoing. Developed course structure, learning objectives and curriculum for the geriatrics rotation including topics unique to the aging population. Residents have exposure to geriatrics clinic, home-based medicine, transitional care, assisted living, memory care and long-term care facilities.
- VII. 2008 - Present  
Adult Health Care Clinic rotation curriculum for Internal Medicine. Implementation is ongoing. Developed course curriculum including RCA teaching, development of a mock RCA for our residents to participate in, quality improvement, food security, in addition to facilitating nutrition modules and teaching about food insecurity.
- VIII. 2014 - Present  
Oversee the training of 90 internal medicine residents yearly, focusing on the educational experience at Regions Hospital and all outpatient HealthPartners Clinics. Ensure that all Regions resident rotations are compliant with the Accreditation Committee on Graduate Medical Education requirements. Provide intensive mentorship for 30 residents annually. Supervise Regions Chief Residents and work with residency core faculty to enact curricular and rotation changes. Review approximately 400 residency applications and participate in 20 residency interview days. In addition, during my time as APD, I have developed new rotations for the program at Regions including toxicology and geriatrics and have helped transition the CCC committee to a new model where all residents are reviewed biannually by the program to ensure that they are meeting their academic goals.
- IX. 2017 - Present  
Founded and created the curriculum and longitudinal experiences for the REACH Longitudinal Integrated Clerkship at Regions Hospital with special emphasis on how social determinants of health impact the health of a community. Designed an outreach experience with Higher Ground Shelter where our students and staff physicians provide health advice and service for homeless clients both in the shelter as well as the medical respite unit at Higher Ground. Created an advocacy curriculum including working at the Capital with the Regions legislative team and participating in a book club which delves into a variety of societal issues such as mental health, racial disparities in our criminal justice system, drug addiction, poverty, and housing issues. Mentor 6 medical students in the program as they prepare for



residency to ensure they are meeting their professional goals and lead both a group quality improvement project as well as individual scholarly activities in QI, case presentations and research.

- X. 2000 - Present  
Responsible for overseeing the outpatient experiences for the internal medicine residency program including providing oversight for all continuity clinic sites within the program ensuring they are all compliant with the Accreditation Committee on Graduate Medical Education requirements. Responsible for assigning all residents to their continuity clinics during residency and helping clinics troubleshoot issues that arise. Develop and maintain the continuity clinic curriculum and ensure all clinic preceptors and residents have access to educational materials. Helped develop and set up a web-based quality improvement curriculum for residents and clinic preceptors. Teach and mentor quality improvement projects within the HealthPartners system for internal medicine residents within their continuity clinic. During my time as core faculty I have helped develop new milestone evaluations for the program based on the core competencies, worked on transitioning our program to a modified 4 and 4 scheduling system.
- XI. 2000 - Present  
Responsible for curricular development and leading journal club and patient care conference for this two-month outpatient rotation. Create multisite rotation schedule for 5-8 residents each two-month block and oversee rotation experiences for 30-40 residents/year.
- XII. 2015 – Present  
Developed topics for lecture series and recruit faculty to teach. Create multisite rotation schedule for 24 residents/year including home-based medicine, geriatric clinic, assisted living, transitional care, and long-term care experiences. Oversee rotation experiences for 24 residents/year.
- XIII. 2015 - Present  
Responsible for developing content and teaching faculty at HealthPartners how to teach various learners we encounter in the training environments we work in such as the hospital and clinic settings. This quarterly course is offered to physicians and advanced practice providers within the HealthPartners system and I am responsible for instruction on how to teach within the constraints of the competing forces of a typical day in the life of a practitioner.

## **Undergraduate Medical Education**

Regions Equitable Affordable Community Health Program (REACH). 2017-present. Created a longitudinal integrated clerkship for 3<sup>rd</sup> year medical students with an emphasis on advocacy and how social determinants of health impact the health of our patients and the community as a whole. Integrated community experiences for the medical students including working with the HealthPartners government team at the Capital on issues such as homelessness and opiate addiction. Developed a partnership with Catholic Charities with both medical and service work at the Higher Ground Shelter in St. Paul. Developed a lecture series focusing on health disparities as well as a book club focused on various societal issues such as drug addiction, mental health, poverty and homelessness. Partnered with local hospitalists to bring a communication workshop to our medical students called Medical Improv where students learn communication tools aimed at improving relationships with patients and improving their overall satisfaction with medicine.

REACH workshop development. 2019-present. Creating workshops for our 3<sup>rd</sup> year LIC students to present on an ongoing basis at Higher Ground as a way to educate this vulnerable population on important topics. Current workshops in design include “Diabetes Care on the Streets”, “How to Access Healthcare”, and “Basic Footcare and How to Avoid Frostbite”.

Becoming a Doctor workshop proposal, faculty sponsor, "Medicine on the Streets". 2020. Faculty sponsor for our REACH students in creating a workshop for educating their peer medical students as to how social determinants of health impact the delivery of healthcare within our community.

### **Faculty Development Activities regarding teaching**

Simplifying Precepting, 2018-present. Developed a half day workshop for new, early and mid-career preceptors aimed at improving their teaching skills and improving their overall satisfaction with teaching and learners. My responsibility for this course is teaching preceptors how to teach within the confines of competing factors in their day. This course is run quarterly at HealthPartners and open to all faculty within the organization who teach or are interested in having learners in the future. This is a multi-disciplinary workshop.

### **Continuing Medical Education**

Updates in Primary Care 2017. Created and presented a talk, "The 10 Best Articles of 2017 Which Every Primary Care Physician Should Know About" highlighting important studies of 2017 and their impact on the care we deliver.

## **ADVISING AND MENTORING**

### **Undergraduate Student Activities**

#### **Undergraduate research projects**

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|---|--------------|
| 1. Whitney Savage, Nicholas Reiners: Basic Footcare and How to Avoid Frostbite  | 2019-present |
| 2. Diana Rubio, John McGrory: Diabetes Care on the Streets  | 2019-present |
| 3. Chelsey Petrich, Allie Atkins: How to Access Healthcare  | 2019-present |
| 4. Meera Sury, Michael Michalik, Thomas Schmidt, Anna Baumgartner: Ensuring Narcan at Discharge for Heroin and Opioid Overdoses | 2019         |
| 5. Michael Michalik: EMR Health Maintenance Alert on HIV and Hepatitis C Outpatient Screening                                   | 2017         |
| 6. Michael Michalik: The Use of Electronic Medical Record Display and Pre-selection On Provider Ordering Behavior               | 2017         |

#### **Undergraduate advising**

- |                     |              |
|---------------------|--------------|
| 1. Meera Sury       | 2018-2019    |
| 2. Thomas Schmidt   | 2018-2019    |
| 3. Anna Baumgartner | 2018-2019    |
| 4. Chelsey Petrich  | 2019-present |
| 5. John McGrory     | 2019-present |
| 6. Diana Rubio      | 2019-present |
| 7. Alexandra Atkins | 2019-present |
| 8. Nicholas Reiners | 2019-present |
| 9. Whitney Savage   | 2019-present |

### **Residents Supervised**

As an Associate Program Director of the Internal Medicine Residency Program, I directly mentor 30 Internal Medicine Residents yearly. For these residents, I provide career counseling, guidance for developing scholarly projects in QI or research and help with areas residents are struggling in such as improving test taking abilities or clinical skills. Average time commitment 5 hours per year per resident. 2014-present

### Resident Scholarly Projects

1. Michael Schnaus, MD, The Effects of Electronic Record Display and Pre-Selection On Provider Ordering Behavior 2017
2. Michael Schnaus, MD, Post-Intervention Assessment of Routine HIV Screening 2016
3. Mollie Alpern, MD, Improvement in Outpatient Asthma Control with Registered Nurse Phone Visits 2016
4. Gustavo Cortes-Puentes, MD, Improving Advance Directive Documentation in the Outpatient Setting 2016
5. Kendahl Moser-Bleil, MD, Post-Intervention Assessment of Hepatitis C Birth Cohort Screening 2015
6. Sievers, Tyson, MD, Using Low Resolution CT to Screen for Lung Cancer in High Risk Patients 2015
7. Lin, Lucy, MD, Barriers to Completion of Colonoscopy in Patients with Positive FIT Testing 2015
8. Peeraphatdit, Thoetchai, MD, Gulleen, Elizabeth, MD, Anderson, Katie, MD, Schwerkoske, John, MD, Oluleye, Oludamilola, MD, Goldman, Oksana, MD, Adherence to Albumin Infusion Utilization in Spontaneous Bacterial Peritonitis 2015
9. Baldomero, Arianne, MD, Capecchi, Timothy, MD, Doose, Margaret, MD, Newman, Michael, MD, Pfannes, Loretta, MD, Routine HIV Screening 2014
10. Bert, Joseph, MD, Bowman, Jill, MD, Gordon, Rachel, MD, Hagen, Patrick, MD, He, Fiona, MD, Newman, Carolyn, MD, Electronic Cigarettes 2014
11. Dickinson, Oana, MD, Gillen, Kate, MD, Ketterl, Tyler, MD, Lorence, Erin, MD, Schwarze, Lacy, MD, Tokar, Esra, Novel Oral Anticoagulants 2014
12. Alpern, Jon, MD, Carlson, Michelle, MD, Chang, Ian, MD, Chuang, Charles, MD, Esten, Andrew, MD, Kim, Chul, MD, Stiy, David, MD, VTE Prophylaxis 2013
13. Craig, Ethan, MD, Drake, Tyler, MD, Fabrizius, Ryan, MD, Kerdsirichairat, Tossapol, MD, McIntire, Sarah, MD, Roat, James, MD, Winkelman, Tyler, MD Effect of Palliative Care Consultations on Readmissions and Mortality in Advanced Heart Failure 2013
14. Bekwelem, Wobo, MD, Chan, Aaron, MD, Doll, Natalie, MD, Groth, Morgan, MD, Ko, Byung-Soo, MD, Willson, Tyler, MD, Adherence to ACCF/AHA/HRS Guidelines For ICD Placement in Patients at Regions Hospital 2013
15. Donahue, Renee, MD, Greiner, Ryan, MD, Hurley, Peter, MD, Jin, Ying, MD, Maust, Thomas, MD, Olson, Brenda, MD, Win, Sithu, MD, Early Palliative Care Referral in Severe COPD 2012
16. Aburjania, Nana, MD, Alexy, Tamas, MD, Wing, Alison, MD, PPI Use for Stress Ulcer Prophylaxis 2012
17. Emerson, James, MD, Kraszkievicz, Wojtek, MD, FFP: Not So Fresh and Not So Clean 2012
18. Abassi, Mahsa, MD, Stockhausen, Anna, MD, Scanlon, Erin, MD, Jeffery, Elizabeth, MD, Rabenau, Karen, MD, Maalim, Salahudin, MD, Werpy, Matthew, MD, CKD and When to Refer to Nephrology 2012
19. Chang, Catherine, MD, Quarles, Jerrod, MD, Yamaguchi, Sarah, MD, Bahr, Nathan, MD, Kazaglis, Louis, MD, Khamis, Firas, MD, Yasukawa, Kosuke, MD, Muthukrishnan, Preetika, MD, Fossland, Nicholas, MD, Opioid Induced Constipation 2011
20. Chomilo, Nathan, MD, Reddy, Preetham, MD, Jongwutiwes, Ubonvan, MD, Saab, Ali, MD, Vawter, Lemuel, MD, Procalcitonin Use 2011

21. Ramler, Chad, MD, Trottier, Bryan, MD, Jones, Mathew, MD, Schnobrich, Daniel, MD Boull, Christina, Hebl, Virginia, MD, Improving Discharges to TCU's and Skilled Nursing Facilities	2011
22. Andrew Olson, MD, Improving Utilization of Palliative Care in End-Stage Heart Failure	2010
23. Abeln, Mathew, MD, Cawcutt, Kelly, MD, Gourley, Brett, MD, Grafton, Gillian, MD, Holth, Michael, MD, Kapalis, Mathew, MD, Karban, Jacklyn, MD, Kiblawi, Nahi, MD, Sharda, Anish, MD, Selickman, John, MD, Assessing the Use of FFP	2010
24. Haw, J. Sonya, MD, Advance Directives: Respecting and Honoring Choices	2010
25. Coumbe, Ann, MD, Vats, Shashank, MD, Pico, Peter, MD, Leuck, Anne-Marie, MD, Kluka, Libby, MD, Juhl, Kirsten, MD, Howard, Justin, MD, Dorf, Natalie, MD, Clarke, Libby, MD, AAA Screening	2009
26. Ayub, Semi, MD, Olson, Jody, MD, Powell, Steven, MD, Raza, Sadi, MD, Razzaque, Saqib, MD, Rehman, Nadia, MD, Sadaf, Aliyah, MD, Sebasky, Meghan, MD, Weber, Gregory, MD, Streamlining Admissions: Transition from the ER to Medicine	2009
27. Krause, Ange, MD, Dham, Shailly, MD, Fine, Lauren, MD, Fritsch, Bryan, DO, Gomez, Lourdes, MD, Massie, Cory, MD, Navaravong, Leenhapong, MD, Ogle, Kimberly, MD Saeed, Aalia, MD, Sheikh, Shehla, MD, Measures in Chronic Kidney Disease	2009
28. Muthylala, Brian, MD, Goblirsch, Matthew, MD, Is Quantiferon Gold Superior to PPD for TB Screening	2009
29. Bormann, Alison, MD, Deen, Jason, MD, Denny, Kara, MD, Jeppesen, Hans, MD, Johnson, Heather, MD, Kong, Wei-Yen, MD, Timpe-Dupuis, Chrisanne, MD, Ton, Quy, MD, Palliating the Pain Pandemic	2008
30. Borke, Kim, MD, Lambrecht, Taryn, MD, Keen, Henry, MD, Mustapha, Taj, MD, Stark, Karen, MD, Wood, Tim, MD, Zylla, Dylan, MD, DVT Prophylaxis	2007
31. Kaiser, Robyn, MD, Rhodes, Michael, MD, Valaas, Ann, MD, Improving Resident Sign-Outs	2006

### **Resident Career/Clinical Mentoring**

1. Christina Lee, MD	2019-present
2. Daniel VanDerhoef, MD	2019-present
3. Fatima Hassan, MD	2018-present
4. Molly Clark, MD	2018-present
5. Ruoying Feng, MD	2018-present
6. Onyi Uchime, MD	2018-present
7. Tsige Gebreslasse, MD	2017-present
8. Abigail Peterson, MD	2017-present
9. Monica Youseff, MD	2017-present
10. Erica Levine, MD	2017-present
11. Hima Mamillapalli, MD	2017-present
12. Naoko Onizuka, MD	2017-present
13. Erin Main, MD	2016-2019
14. Stephen Groves, MD	2016-present
15. Leo Laub, MD	2016-2019
16. Elizabeth Nieto, MD	2016-2019
17. Teresa Hanson, MD	2016-2019
18. Michael Schnaus, MD	2015-2018
19. William Huepfel, MD	2015-2018
20. Takeshi Onizuka, MD	2015-2018
21. Chimaobi Anugwom, MD	2015-2018
22. Krista Newman, MD	2015-2018

23. Rachael Patterson, DO	2015-2018
24. Julie Schaefer, MD	2015-2018
25. Lucy Lin, MD	2015-2018
26. Christine Lambert, MD	2015-2018
27. Naeem Moulki, MD	2014-2017
28. Edra Nordstrom, MD	2014-2017
29. Emily Moody, MD	2013-2017
30. Tyler Ulbrich, MD	2013-2016
31. Gustavo Cortes Puentes, MD	2013-2016
32. Kimberly Cummings, MD	2013-2016
33. Ruth Verner, MD	2013-2016
34. Tarrek Hegab, MD	2013-2016
35. Jeanette Heidelberg, MD	2012-2016
36. J. Sonya Haw, MD	2012-2016

### Chief Resident Leadership Mentoring

1. Teresa Hanson, MD	2019-present
2. Sarah Atkins, MD	2019-present
3. Christine Tran, MD	2018-2019
4. Pierre Tawfik, MD	2018-2019
5. Teresa Fox, MD	2017-2018
6. Mathew Mielke, MD	2017-2018
7. Peter Cathcart, MD	2016-2017
8. Ruth Verner, MD	2016-2017
9. Zachary Kaltenborn, MD	2015-2016
10. Elizabeth Gulleen, MD	2015-2016
11. Jonathan Alpern, MD	2014-2015
12. Ethan Craig, MD	2014-2015
13. Jonathan Shelver, MD	2013-2014
14. Sarah Yamaguchi, MD	2013-2014

## CLINICAL SERVICE

### Clinical Leadership Accomplishments

Chief of Staff, Regions Hospital 2008-2009. During tenure brought hospital up on the Electronic Health Record and helped plan and open the South Tower Expansion, converting the majority of the hospital to private rooms.

Regional Assistant Medical Director, Specialty Care, 2005-2014. Physician lead for the 3 major specialty care centers within the HealthPartners network: North Memorial, Riverside, and the Phalen Specialty Centers, 401 and 435. Leader in planning and opening the largest HealthPartners Specialty Centers, 401 and 435 Phalen Blvd.

Chief of Professional Services, HealthPartners Specialty Center 2005-2008.

Division Head, Primary Care for Regions Hospital, 2000-2005. Leader and representative for Primary Care at Regions Hospital.

Chief of Professional Services, Midway Clinic, 2000-2005.

## Quality Improvement Projects

Defining the True Costs of Teaching, 2018-2019. Asked by Regions Leadership to explore the difference in hospital costs dependent upon primary team assignment on Internal Medicine. Analysis revealed a statistically shorter length of stay on teaching services as well as lower cost especially in sicker patients. There was noted to be no statistical difference overall in patient satisfaction or complications between teaching and non-teaching services.

## Clinical Service Responsibilities

Hospitalist Service Regions Hospital: 10 weeks attending per year.	1997-present
University Avenue Clinic: 3 staff clinics per week and 1 continuity clinic per week	1997-present

## PROFESSIONAL SERVICE AND PUBLIC OUTREACH

### Organization of conferences, workshops, panels, symposia

Resident Orientation Planning Committee, Regions Hospital	2018-present
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### Committee memberships

Women in Medicine, Regions Hospital	2019-present
Graduate Medical Executive Committee, Regions Hospital	2014-present
Congestive Heart Failure Committee, Regions Hospital	2013-present
Regions Hospital Foundation Board	2010-2016
Regions Hospital Foundation Board Executive Committee	2016

## Service to the University/Medical School/Department

### Medical School Service and Intercollegiate Service

Clinical Education Committee	2017-present
All LIC Committee	2017-present
Interviewer, University of Minnesota Medical School, Twin Cities Campus	2013-2014

### Department/Unit Service

Resident Clinical Competency Committee, voting member	2014-present
Medical Education Committee, voting member	2014-present
Internal Medicine Residency Program Evaluation Committee	2014-2018

### Community Outreach Activities

Higher Ground, frequent volunteer and fundraiser for community outreach	2017-present
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