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The Division of General Internal Medicine (DGIM) continues its success in clinical care, research, teaching, and administration. The inpatient clinical activities have expanded in volume, outpatient services remain strong, and the DGIM continues to receive robust funding from the National Institutes of Health (NIH) to pursue a wide array of clinical research.

In FY2019, the DGIM experienced changes in leadership. Doris Rubio, PhD, took over as the Director of the Institute for Clinical Research Education (ICRE) on February 1, 2019. Wishwa Kapoor, MD, MPH, who founded and led the ICRE for over a dozen years, has moved into the position of Founder and Director of Strategic Planning. Dr. Rubio has been ICRE co-director since 2007 and has led efforts to forge partnerships with nine minority-serving institutions, enabling the ICRE to have a broader impact on workforce diversity. Dr. Rubio was also announced as the assistant vice chancellor for clinical research education and training for the Schools of the Health Sciences, effective June 1, 2019. And, in 2018, Sonya Borrero, MD, MS, became Associate Director of the VA Center for Health Equity Research and Promotion (CHERP), a VA HSR&D Center of Innovation (COIN), and a dual-site, cross-VISN center, with investigators in Pittsburgh and Philadelphia.

**Professional Development**

FY2019 brought a much-needed emphasis on faculty professional development. On the clinical end, the Division was an active participant in UPMC’s system-wide wellness survey, which aimed to measure levels of...
burnout and professional fulfillment. The results showed that general internal medicine attending physicians reported lower rates of burnout than the average, and higher rates of professional fulfillment. However, our hospitalists and palliative care physicians reported higher rates of burnout and lower rates of professional fulfillment than the averages. In response to these findings, each section (hospitalists, palliative care, primary care) developed volunteer committees to identify “low hanging fruit” for increasing joy in practice. The division also received approval for two UPMC Thrive Grants to impact wellbeing.

The Division of General Internal Medicine also implemented changes to the format of its professional continuing education activities, which take place every Friday. These activities were reorganized to alternate between grand rounds, journal club, or other case discussion presentations. On those months with a fifth Friday, the Division held a Leadership Book Club, with titles such as Radical Candor by Kim Scott and Coddling of the American Mind by Jonathan Haidt and Greg Lukianoff.

Another new initiative was to offer leadership development to all members of the division. This included distributing books, such as Strengths Based Leadership by Tom Rath and Barry Conchie, which includes an online self-assessment of leadership strengths. Subsequent group debriefing sessions led by Marina Huckaby-Bison from UPMC HR led to brainstorming about how to harness the incredible and varied skills of the faculty in our Division. These enhanced activities have reenergized our faculty and helped each member see how they fit into the overall mission of the Division.
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CLINICAL ACTIVITIES

The Division continues to grow its volume and maintain high quality outcomes. DGIM operates primary care sites at UPMC Montefiore, the Shea Medical Center (UPMC Shadyside), the medicine-pediatrics site at Turtle Creek, and UPMC General Internal Medicine – South in West Mifflin. Over the last year, DGIM’s three major primary care sites at Montefiore, Shea, and the South Hills saw an 8%, 10%, and 34% growth in patient volume, respectively. This totals a combined increase of more than 5,300 patient visits. All sites embody a team-based approach to managing chronic diseases and providing preventive care, allowing primary care physicians to focus on patients with more complex cases. Panel management has assumed a central role using more innovative methods to support patients. In addition to general internist physicians, the multidisciplinary team includes registered nurses, certified diabetes educators, pharmacists, ob-gyns, a psychiatric social worker, nutritionists, and a psychologist. Phone calls to patients and MyUPMC messaging have increased, while hospitalization, readmissions, and visits to the emergency department (ED) have decreased. The DGIM continues to provide high-quality care in its ambulatory sites and ended the year with Centers for Medicare and Medicaid Services (CMS) star rating of 4.5 out of 5 for UPMC Health Plan patients for whom the data is available.

In FY2019 the Division launched the Inpatient Addiction Medicine Consult Service at UPMC Presbyterian. Led by both Internal Medicine and Toxicology physicians, this interdisciplinary service has begun to provide bedside interventions to patients with substance use disorders (SUDs) to address their substance use, associated withdrawal, and underlying medical comorbidities. Through these interventions, our team’s aim is to provide post-discharge treatment plans, including the initiation of medication-assisted treatment (MAT) and a coordination of efforts between the inpatient care team and the planned bridge clinic at Mercy Health Center. Similar efforts at outside institutions have led to a reduction in 30-day readmissions, average admissions per year, and ED utilization—leading to enhanced health outcomes in this particularly vulnerable patient population. In addition to increasing positive treatment outcomes for patients, this new service will improve the experience for UPMC staff in caring for these patients. Since October 2018, the service has provided care to more than 300 patients, resulting in a 14% decrease in hospital readmissions within 30 days and a near 70% decrease in 90-day mortality. Educational opportunities have been made available for graduate medical trainees and clinical staff members to provide them with the knowledge and skills necessary to provide state-of-the-art care for patients with substance use disorders. Nursing students, medical students, and internal medicine and emergency medicine residents and fellows have all rotated on the service in the past year and more than 10 rotational students are planned in the upcoming six-months.
The **Section of Palliative Care and Medical Ethics** continues to increase access to specialty palliative care. This past year the Palliative Care team consulted on 5,376 new patients in the hospital and 503 new ambulatory visits. Palliative Care ambulatory sites include cardiology, renal, HIV, cancer, and geriatrics. In addition, Palliative Care continues to grow its community resources and has both a home palliative care and advanced illness program. In addition to medicine, advanced practitioners, and social workers, the Palliative Care team includes pharmacists, psychiatrists, spiritual care, music therapy, pet therapy, and volunteers both for support and bereavement follow up. The Palliative Care team are working closely with UPMC hospice, the largest in Western Pennsylvania, to ensure seriously ill patients—regardless of where they are seen—receive excellent palliative care.

The DGIM completed its fifth year of the **Enhanced Care Program (ECP)** and anticipates continuing this service utilizing funding from the UPMC Health Plan. Working with UPMC Health Plan, we developed the ECP as an interdisciplinary clinical program, based at our Montefiore practice site, to provide comprehensive and highly coordinated care to the most complex patients who have extensive use of services and high levels of unplanned care. Thus far, the ECP Program has enrolled a total of 350 patients, with 189 active patients in treatment. The program is providing 24/7 access to the team, frequent home visits, community support, and extensive behavioral health support. The program has achieved decreases in ED visits and all unplanned care, along with decreases in hospitalization rates. In addition, markers of clinical quality (such as provision of preventative and chronic disease management services) improved in this patient population (see “Clinical Quality Improvement Initiatives”).

The DGIM’s **Center for Opioid Recovery (COR)**, established in January 2017 due to a state grant, has had an excellent FY2019. Patients with opioid use disorders are provided medication-assisted treatment with buprenorphine or naltrexone. The COR clinic is located within the Montefiore site and is staffed by 13 physicians who have been waivered to prescribe medication-assisted treatment. Additional services provided include behavioral health counseling, community-based support from peer recovery specialists, and social services support from licensed social workers. We have enrolled a total of 576 patients with 215 being active in the program. To accommodate demand, COR is relocating to UPMC Mercy Health Center with plans to build a bridge clinic to help patients transition to long-term substance use treatment.
The **Section of Hospital Medicine (SHM)** is a thriving component of the Division of General Internal Medicine’s overall clinical operations and teaching mission. SHM has programs at UPMC Presbyterian, UPMC Magee-Womens Hospital, UPMC Mercy, and UPMC Shadyside. Across all programs our hospitalists discharged a total of 20,612 patients in FY2019.

The Section of Hospital Medicine had another successful recruitment season in terms of physicians and APPs (advanced practice providers). With this new recruitment class, we are looking to reduce turnover of both physicians and APPs.

As mentioned in the previous year’s report, the Section of Hospital Medicine has been actively involved in a pilot program aimed at streamlining care for patients of the UPMC Health Plan. The pilot program, named the **Integrated Inpatient Care Program (IICP)**, has continued to focus on facilitating multidisciplinary care to patients in FY2019. In particular, the IICP aims to reduce readmissions by executing discharge transitions thoroughly and by developing Advanced Care Plans for medically complex patients. Both within the pilot and on other inpatient units, the hospitalist team is focused on improving the patient experience. In FY2019 the IICP, which began at UPMC Presbyterian, expanded to UPMC Shadyside.

The UPMC DGIM Section of Hospital Medicine is continually seeking to promote professional development of our physicians, which is positioning us as Hospital leaders across UPMC and a national leader in the specialty of Hospital Medicine.

The past academic year brought many changes to the **UPMC Presbyterian (PUH) Hospitalist** team. With a strong presence already in place on the PUH campus, we have expanded our team to the **UPMC Magee-Womens Hospital**, where we provide consultative services for our surgical colleagues and care for medical inpatients. Our mission of clinical excellence has led us to embark on a more value-based approach to clinical care. Initiatives such as earlier discharges, optimal VTE prophylaxis ordering, avoidance of unnecessary labs, reducing hospital-acquired infection, and eliminating unnecessary testing in the perioperative period are but a few of the efforts put forth this past year.

With a focus on patient-centered care, the PUH hospitalist team has led a number of initiatives including leading goals of care conversations and documentation, participating in motivational interviewing and de-escalation training, continuing physician-nurse rounding, and continuing to use biocards and hospitalist brochures to ensure patients are familiar with the physicians directing their care. In addition, as a part of UPMC’s system-wide initiative to reimagine the UPMC patient experience, the PUH hospitalist team is integrating the AIDET communication framework (Acknowledge–Introduce–Duration–Explanation–Thank You) into our daily rounds. In FY2019 the PUH hospitalist team had several hospitalists recognized by the Division of General Internal Medicine with the Patient Experience Physician of the Month award.

Education of medical students, interns, and residents continues to be a critical aspect of our mission. We have continued to host several lectures, presentations, and conferences throughout the year and have demonstrated our patients’ satisfaction with our service on the 8N unit—forging relationships with nursing and support staff who had previously worked with us.

We have renewed our efforts around APP on-boarding, education, and evaluation in hopes of increasing APP retention and career satisfaction as well. And, we are proud to piloted by the hospitalist team at PUH. We have renewed our efforts around APP on-boarding, education, and evaluation in hopes of increasing APP retention and career satisfaction as well. And, we are proud to.

Over the past year, the UPMC Shadyside Hospitalist Service, **Crimson Service** Annual Conference in Washington, DC, in March 2019.

The Division of DGIM uses multidisciplinary care to reduce readmissions and improve the patient experience.
part of our mission. This past academic year, in addition to developing a Clinician-Educator Track for hospitalist teaching faculty (see “Teaching” section), the hospitalist team has led the newest PUH teaching service on the 8N unit—forging relationships with nursing and support staff who had previously worked with residents very little. Additionally, we are partnering with the orthopedic residency to incorporate general medicine consults and inpatient care into their training and education. As we begin our inaugural year, we will have 7 orthopedic interns working with us. Increasing our presence in the realm has led to a great deal of physician satisfaction and positions our team nicely for ongoing growth.

In January 2019, a new contract plan for hospitalist APPs was introduced and implemented. Optimizing patient care and APP integration into our team, a new team service structure was developed and is being piloted by the hospitalist team at PUH. We have renewed our efforts around APP on-boarding, education, and evaluation in hopes of increasing APP retention and career satisfaction as well. And, we are proud to report that Victoria Snyder, PA-C, presented alongside Ann Perrin, MD, at the Society of Hospital Medicine Annual Conference in Washington, DC, in March 2019.

Over the past year, the UPMC Shadyside Hospitalist Service, Crimson Service, has had many changes, focused on a number of improvements, and worked on several goals. Specifically, we have incorporated a strong APP presence onto our service and now have APPs as part of our night team. We will soon have four physician assistants to complement our group, along with our four nurse practitioners. Our APPs have redefined their workload, seeing many more patients and contributing independently to the care and management of the patients on our service. We have also seen excellent retention of physicians with only three departures, all of which were for personal reasons. We have worked closely with the Internal Medicine Residency Program to staff patients with residents on the overnight shift and to provide the residents with a source of education and a resource for assistance when needed. The Crimson Service was involved in several projects to increase patient satisfaction, reduce length of stay and readmission rate, increase meds to beds utilization, and increase goals of care discussions. We have also worked hard on early discharges and to enhance the relationship we have with the nursing staff on the 4 and 5 Pavilion units and with the Orthopedic surgery department where we serve as a preferred consult service. We have also completed an initiative where the physicians whose patients we cover in the hospital were visited in their offices to establish lines of communication during a patient’s hospital stay and at the time of discharge. Finally, we have continued to add patients to our service, recently taking on the patients of Dr. George Sestric, who will no longer round in the hospital. We currently cover the patients of more than 200 outpatient physicians.

The Hospitalist program at UPMC Mercy also had an excellent FY2019. It was a year of “firsts” in terms of recruitment and growth: the program hired one full-time nocturnist for the first time, hired two nocturnist APPs, and operated consistently with an average morning census of more than 100 patients. FY2019 also saw improvements in service design: the program developed a medical-psych integrated care unit on the 12 Tower area. The new 8-bed unit has one hospitalist and one resident rounding with the psychiatric team. In additional, we have improved the geographic operation of our hospitalists and patients, and are now geographically assigning patients on two different floors for a specific teaching team. One ongoing project at the Mercy hospitalist program is an Orthopedic Co-management Model, which will involve a hospitalist team working with the Orthopedic team to provide better care. The guidelines have been developed for this new model, and we are currently in the final stages of recruiting additional hospitalists to support this model.

The Program for Health Care to Underserved Populations (PHCUP) celebrated its milestone 25th Anniversary in service to the community in FY2019, solidifying its status as one of the foremost providers of
integrated care to the uninsured and medically vulnerable in southwestern Pennsylvania. This past fiscal year saw a change in PHCUP medical directorship from Dr. Maggie Benson to Drs. Jen Corbelli and Eliana Bonifacino.

Patient visits increased for the third consecutive year at the Program’s Birmingham Clinic (6% increase) and for the second consecutive year for its Women’s Center Clinic (3%), for a total of 3,773 patient visits program-wide. The Program also accomplished significant increases in grant award, event, and donor support fundraising levels. This included a $155,000 increase on a two-year ($299,000 total) award from the Pennsylvania State Department of Health to improve outcomes for patients with chronic disease and a $44,000 increase on a two-year grant from The Pittsburgh Foundation ($88,000 total) to expand contraceptive access for uninsured women and establish an Enhanced Care Clinic session to provide integrated psycho-social and medical care to patients at-risk for, or experiencing, homelessness, both taking place at the Birmingham Clinic.

Additionally, the PHCUP has improved its exposure and connection to inpatient care and social work teams, and emergency department and psychiatric resident staffs, to increase direct referrals of uninsured and complex patients to the Birmingham Clinic, pre-discharge, to reduce patients lost to follow-up. The DGIM residency donated $5,000 to the Birmingham Clinic from funds earned by the residents as part of a special grant program for meeting quality metrics within the Department of Medicine. Student-led fundraising events, including Pitt Dhirana Classical Indian Dance Competition and the PittMed Student Auction, raised $38,000, and the Program’s Annual Individual Donor Appeal raised $17,000, making fiscal year 2019 one of the most successful in PHCUP history. Student and DGIM resident donations supported the purchase of new ultrasound transducers and a tablet at Birmingham, to improve its point of care triage and diagnostic capabilities.

The Birmingham and Women’s Center Clinics remain some of the most robust, community-based experiential training sites for University of Pittsburgh health professional students, and University of Pittsburgh and UPMC medicine and pharmacy residents, with all disciplines in the Schools of the Health Sciences participating in either a volunteer or curricular capacity. DGIM Global Health Track residents continue to have their continuity clinic at Birmingham’s Wednesday session (579 hours this past year), and Ambulatory Care interns and residents rotate each month during Monday and Tuesday sessions. DGIM Fellows and Chief Residents also participate at both Birmingham and the Women’s Center Clinic. DGIM and University of Pittsburgh clinical faculty provided a record 3,925 hours of teaching and precepting time for students and residents across both clinics.

PHCUP clinics could also not function without the generosity of our volunteer providers. This past year, DGIM faculty members donated 580 hours of time to both clinics, and DGIM residents donated 246 hours. Total volunteer time donated by all clinical faculty and resident providers (all disciplines), health professional students and lay individuals was just over 4,000 hours.

After 25 years, the PHCUP continues to be a regional leader in quality, integrated care for uninsured and vulnerable community members throughout our region, while providing a unique and robust experiential learning and training opportunity to students and residents across the health disciplines.
CLINICAL QUALITY IMPROVEMENT INITIATIVES

The Division continues to excel in its quality outcome performance. Faculty patient panels meet or exceed the 90th percentile rate of national performance for most QI measures for diabetes management. Our team-based continuous-quality-improvement approach to preventative care has resulted in DGIM practices being in the top 20% in a composite ranking of chronic disease management and preventative care. As another measure of quality, DGIM is second in quality among all of the UPMC-Health Plan shared savings partners, when quality is looked at through its Medicare, Medicaid, and Commercial insurance products.

DGIM instituted three main quality improvement projects this year: 1) implementing a standardized process to discuss advance care plans (ACP) with targeted patients, 2) implementing Transitional Care Management to better manage patients who have been discharged from the inpatient setting, and 3) improving the no-show rate for the Montefiore residents patient panel.

Advance Care Plans
At the beginning of calendar year 2019, DGIM instituted a process in which patients who may benefit from a discussion about advance care plans (ACPs) (i.e., patients 90 years old or older or at least 65 years old with a chronic disease and 2 hospitalizations in the previous year) would get a call prior to their office visit asking them to bring in any ACP documents they have and letting them know that someone would be reviewing this with them at the visit. A trained staff person would meet with the patient either before or after the visit to initiate a discussion about ACP and document this discussion in the electronic health record. Any existing documents are given to the MD at the visit to discuss with the patient as well. The percentage of patients seen in the office meeting our criteria who have documented ACP discussions rose from 33% in January to 59% by May.

Transitional Care Management
In October 2018, DGIM started providing the Transitional Care Management service to selected patients discharged from the inpatient setting. Patients were selected based on discharge diagnoses, comorbidities, age, and predicted readmission risk. An RN receives a list of patients discharged on the previous day, calls selected patients, determines if they have any immediate needs, and makes an appointment with the PCP, or with another provider if the PCP is not available, within 14 days. Procedures were put in place to ensure that PCPs provide necessary services at the visit and bill the visit properly. From October to March, we targeted 53% of the 1417 discharges for outreach. Of these, 74% had appointments made and 70% completed these appointments. Preliminary analysis showed a decrease in 7-day readmission rate (from 5.3% to 4.7%) when looking at the whole practice, as compared to the same time period a year ago. Similarly, there was a decrease from 13.7% to 12.8% in the 30-day readmission rate.

No-Show Rate
Finally, the Division of General Internal Medicine received a grant from the Department of Medicine to work on improving the No-Show Rate for resident patients, which in 2017-18 was ~31%. This project made use of a machine-learning algorithm designed by the clinical analytics team in the Department of Medicine, which provides a prediction percentage for each patient’s likelihood to “No Show” for their appointment. Patients with a >20% likelihood of being a “No Show” for their appointment, as determined by the algorithm, received a phone call 48 hours prior to their appointment. The project began in October, and our monitoring of the monthly No Show rates revealed an overall decline in the no-show rate by about 4% over the 9 months since. In addition, the overall rate of completed appointments increased from 73% to 77% (4% increase) from
Oct through June 2019 (Figure 1). This is a significant improvement as it translates to more patient contact and experience for our trainees, helps improve quality of care, and increases the opportunity to address preventive screening. We plan to analyze the data further to see what other factors may play a role, including patient characteristics, socioeconomic status and appointment specifics.

Quality Improvement Training

QI training is a requirement by the Accreditation Council for Graduate Medical Education (ACGME) for all Internal Medicine residency training programs. Since 2014, the Division of General Internal Medicine has employed a longitudinal QI curriculum at all three of our clinic sites: Montefiore, Shea, and the VA. We developed this curriculum, which spans one academic year and employs the Plan-Do-Study-Act (PDSA) cycle, to allow residents to carry out one project each year that is focused on improving an area in primary care and chronic disease care. The project varies by site and is chosen based on the quality indicators, division priorities, and site-specific needs. The topics have included diabetes foot and eye exam targeting A1C > 9, blood pressure control, and colon cancer and cervical cancer screening rates. We have regularly observed meaningful improvement in these areas at the end of each project. In addition to improving our quality benchmarks, several system-related processes have been integrated into the clinic. The value of this curriculum is that residents at all three clinic sites actively participate, are engaged and work as a team in managing their patients within their health system, and are achieving success. Additionally, focusing QI projects on key metrics that inform clinic performance and improve care may better prepare trainees for their future careers.

FY2019 was the fifth year running this longitudinal QI curriculum. This year in 9S Montefiore, the residents worked on Hypertension control. The goal was to improve BP control by 5% in their patient population. They developed a handout that explains important information about goals, diet, and resources to patients. As of Mar 2019 (when the most recent data was available), the residents’ BP control improved from 52% to 56% (Figure 2). Of particular note is that this longitudinal curriculum was accepted for publication in April 2019 in the American Journal of Medical Quality.
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Enhanced Care Program

The Division of General Internal Medicine’s Enhanced Care Program continues to improve quality of care delivered to its vulnerable patients achieving substantial improvement results (Table 1, next page).

The Division of General Internal Medicine has also implemented clinical care processes that have sustained high-quality outcome results (Table 2), with new or aging patients, for a population of ~21,000 unique patients at the Montefiore site, and several thousand additional patients at the Shea Medical Center and the UPMC General Internal Medicine – South sites.

Quality Improvement in Palliative Care

Finally, the Section of Palliative Care and Medical Ethics conducted inpatient and outpatient quality improvement projects with a strong focus on improving patient-centered care for all seriously ill patients. These projects include promoting advance directive conversations, establishing patient-centered goals of care for the sickest patients, increasing completion rates for Physician Orders for Life-Sustaining Treatment (POLST), and promoting the use of naloxone for patients being discharged on opiates. To date, this work has resulted in one manuscript accepted for publication in the Journal of Palliative Medicine, one presentation at the Annual Assembly of the American Academy of Hospice and Palliative Medicine, and two poster presentations at other national meetings. The Section’s team continues to meet quality metrics for improving symptom management and goals-of-care conversations.
### Table 1. QI Improvements from the ECP Program

<table>
<thead>
<tr>
<th>ECP Clinical QI Criteria</th>
<th>ECP QI Pre-Post Data re Pts w ≥ 6 Mo LOS</th>
<th>Benchmark</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PRE Enrollment Data % Met Criterion</td>
<td>Outcome Data as of March 18 % Met Criterion</td>
</tr>
<tr>
<td><strong>Diabetes Management Criteria</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HbA1c &lt; 8.0</td>
<td>45%</td>
<td>53%</td>
</tr>
<tr>
<td>HbA1c &lt; 9.0</td>
<td>57%</td>
<td>74%</td>
</tr>
<tr>
<td>HbA1c Average</td>
<td>8.6</td>
<td>8.1</td>
</tr>
<tr>
<td>Eye Exam done past 12 months</td>
<td>45%</td>
<td>86%</td>
</tr>
<tr>
<td>Foot Exam done past 12 months</td>
<td>67%</td>
<td>82%</td>
</tr>
<tr>
<td><strong>Hypertension Management Criteria</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DM Pts BP &lt; 140/90, 18-75 yo</td>
<td>60%</td>
<td>83%</td>
</tr>
<tr>
<td>DM Pts BP &lt; 160/100, 18-75 yo</td>
<td>88%</td>
<td>98%</td>
</tr>
<tr>
<td>All HTN Pts BP &lt; 140/90, 18-75 yo</td>
<td>68%</td>
<td>82%</td>
</tr>
<tr>
<td>All HTN Pts BP &lt; 160/100, 18-75 yo</td>
<td>88%</td>
<td>95%</td>
</tr>
<tr>
<td><strong>Preventive Health Criteria</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mammogram past 2 yr if 50-74 yo</td>
<td>52%</td>
<td>63%</td>
</tr>
<tr>
<td>Pap Smear 21-64 yo, q 3 or 5 yr as per recs</td>
<td>60%</td>
<td>86%</td>
</tr>
<tr>
<td>Colo-rectal Ca screen if 50-75 yo as per recs</td>
<td>68%</td>
<td>88%</td>
</tr>
<tr>
<td><strong>ECP Behavioral Health Criteria</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% MH Patients linked to Psych Care</td>
<td>40%</td>
<td>94%</td>
</tr>
</tbody>
</table>
### Table 2. Prevention and Chronic Disease Management Indicators from the ECP Program

<table>
<thead>
<tr>
<th>GIM Quality Improvement Criteria FY2019</th>
<th>Faculty 18 Month End-Mar 2019</th>
<th>QI Target</th>
<th>Target Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM: HbA1c checked past 12 months</td>
<td>0.98</td>
<td>0.95</td>
<td>Commercial 90th %</td>
</tr>
<tr>
<td>DM: HbA1c &lt; 8.0</td>
<td>0.70</td>
<td>0.69</td>
<td>Commercial 90th %</td>
</tr>
<tr>
<td>DM: HbA1c &lt; 9.0</td>
<td>0.83</td>
<td>0.81</td>
<td>Commercial 90th %</td>
</tr>
<tr>
<td>DM: DM Pts &gt;=40/On Statin</td>
<td>0.86</td>
<td>0.80</td>
<td>UPP Network Rate</td>
</tr>
<tr>
<td>DM: DM Pts w/ HTN on ACE/ARB</td>
<td>0.89</td>
<td>0.87</td>
<td>UPP Network Rate</td>
</tr>
<tr>
<td>DM: Nephropathy check past 12 mo</td>
<td>0.93</td>
<td>0.91</td>
<td>Commercial 90th %</td>
</tr>
<tr>
<td>DM: Eye Exam done past 12 months</td>
<td>0.63</td>
<td>0.74</td>
<td>Commercial 90th %</td>
</tr>
<tr>
<td>DM: Foot Exam done past 12 months</td>
<td>0.74</td>
<td>0.80</td>
<td>ADA/NCQA Goal</td>
</tr>
<tr>
<td>DM: DM Pts w BP &lt; 140/90, 18-75 yo</td>
<td>0.69</td>
<td>0.79</td>
<td>Commercial 90th %</td>
</tr>
</tbody>
</table>

#### Diabetes Score

<table>
<thead>
<tr>
<th></th>
<th>Faculty 18 Month End-Mar 2019</th>
<th>QI Target</th>
<th>Target Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>1*P: Flu Shot past 12 mo if ≥ 65 yo</td>
<td>0.78</td>
<td>0.72</td>
<td>Medicare Average</td>
</tr>
<tr>
<td>1*P: Pneumococcal Vaccine anytime if 65-79 yo</td>
<td>0.91</td>
<td>0.81</td>
<td>Medicare 90th %</td>
</tr>
<tr>
<td>1*P: Mammogram past 2 yr if 50-74 yo</td>
<td>0.75</td>
<td>0.82</td>
<td>Commercial 90th %</td>
</tr>
<tr>
<td>1*P: Pap Smear 21-64 yo, q 3 or 5 yr as per recs</td>
<td>0.82</td>
<td>0.84</td>
<td>Commercial 90th %</td>
</tr>
<tr>
<td>1*P: Cholesterol past 5 yr if 50-79 yo</td>
<td>0.96</td>
<td>0.90</td>
<td>GIM Division Goal</td>
</tr>
<tr>
<td>1*P: Colo-rectal Ca screen if 50-75 yo as per recs</td>
<td>0.75</td>
<td>0.76</td>
<td>Commercial 90th %</td>
</tr>
</tbody>
</table>

**Primary Prevention Score**

<table>
<thead>
<tr>
<th></th>
<th>Faculty 18 Month End-Mar 2019</th>
<th>QI Target</th>
<th>Target Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>2*P: CAD Pts on Statins</td>
<td>0.95</td>
<td>0.89</td>
<td>UPP Network Rate</td>
</tr>
<tr>
<td>2*P: Pts w AFib w CHADS 2+ on Anti-coag</td>
<td>0.84</td>
<td>0.79</td>
<td>UPP Network Rate</td>
</tr>
<tr>
<td>2*P: HTN Pts w BP &lt; 140/90,18-75 yo</td>
<td>0.66</td>
<td>0.77</td>
<td>Commercial 90th %</td>
</tr>
<tr>
<td>2*P: All Pts w BP &lt; 140/90,18-75 yo</td>
<td>0.81</td>
<td>0.80</td>
<td>GIM Division Goal</td>
</tr>
<tr>
<td>2*P: All Pts Non-Smokers</td>
<td>0.90</td>
<td>0.80</td>
<td>GIM Division Goal</td>
</tr>
</tbody>
</table>

**Secondary Prevention Score**

<table>
<thead>
<tr>
<th></th>
<th>Faculty 18 Month End-Mar 2019</th>
<th>QI Target</th>
<th>Target Source</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.83</td>
<td>0.81</td>
<td>Secondary Prevention Target</td>
</tr>
</tbody>
</table>

**Overall Score**

<table>
<thead>
<tr>
<th></th>
<th>Faculty 18 Month End-Mar 2019</th>
<th>QI Target</th>
<th>Target Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>FYI: Flu Shot past 12 mo if 50-64 yo</td>
<td>0.56</td>
<td>0.50</td>
<td>Commercial Average</td>
</tr>
</tbody>
</table>

*Note: QI = Quality Improvement, FY = Fiscal Year*
CLINICAL LOCATIONS

1. UPMC General Internal Medicine—UPMC Montefiore
   3459 Fifth Avenue, 9 South
   Pittsburgh (Oakland), PA 15213

2. UPMC General Internal Medicine—UPMC Shadyside
   Shea Medical Center
   5200 Centre Avenue, Suite 509
   Pittsburgh (Shadyside), PA 15232

3. UPMC General Internal Medicine—Turtle Creek
   Penn Plaza
   208 Penn Avenue, Suite 108
   Turtle Creek, PA, 15145

4. UPMC General Internal Medicine, South
   2397 Mountain View Drive
   West Mifflin, PA, 15122

5. UPMC Hypertension Clinic
   Mercy Professional Building
   1350 Locust Street, Suite 100
   Pittsburgh, PA 15216
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The DGIM has more than 40 faculty members—MDs and PhDs—who devote the majority of their efforts to research. DGIM faculty focus on health services research, with special emphases on health disparities, medical decision making, palliative care and pain management, substance use disorders, pharmaceutical prescribing, women’s health, and the intersection of technology, media, and health care. Our faculty also possess an impressive breadth of methodological expertise including biostatistics, clinical trial coordination, comparative effectiveness research, cost-effectiveness analysis and insurance claims analysis, survey methods, and qualitative research. The majority of research is carried out through the Center for Research on Health Care (CRHC) and the Center for Health Equity Research and Promotion (CHERP). These centers provide avenues for interdisciplinary collaboration and research with faculty members throughout the University of Pittsburgh and with members of the RAND-University of Pittsburgh Health Institute (RUPHI). Research education is also a major part of Division activities and is executed through the ICRE.

In FY2019, DGIM faculty submitted 103 research grants to external funding agencies, with 64% of proposals going to NIH and the remainder to other federal agencies, private foundations, the Patient Centered Outcomes Research Institute (PCORI), and others. In the past year DGIM faculty participated in 34 NIH R01 proposals (6 as Principal Investigator), 4 career development K-series proposals, and 9 U-series grants. Moreover, Division faculty serve as Principal Investigators on 12 funded NIH R01 awards, as well as 5 independent K awards. Other major research awards include 3 contracts from PCORI, and one from the newly established People Centered Research Foundation (PCRF). In FY2019, total research expenditures exceeded $20 million.

Moreover, DGIM faculty remain extremely productive in regards to publishing, with over 300 publications resulting from their respective research projects in FY2019, including 33 in the following high-impact journals: New England Journal of Medicine, JAMA (as well as others in the JAMA Network including JAMA Oncology, Internal Medicine, Pediatrics, and Cardiology), Lancet Oncology, the European Heart Journal, Annals of Internal Medicine, the American Journal of Respiratory and Critical Care Medicine, and the Proceedings of the National Academy of Sciences of the U.S.A.
The Center for Research on Health Care (CRHC) provides a forum for talented multidisciplinary investigators from throughout the university community to collaborate in high-quality health services research and train future investigators in methods and practices critical to the conduct of rigorous and exemplary research. The CRHC continues to grow, hiring one new faculty researcher in FY2019 and actively recruiting additional candidates throughout the year at the Professor, Associate Professor, and Assistant Professor levels. The past year also saw a newly updated CRHC website, and the expansion of DGIM’s social media presence with the launching of a new @PittGIM Twitter feed that highlights our faculty’s research accomplishments. In FY2019 the CRHC also completed a successful expansion of its infrastructure into its new office space at 3609 Forbes Avenue. This newly renovated space, with an open floor plan and ample meeting space, has facilitated interdisciplinary collaborations with other researchers sharing the space.

The Center for Health Equity Research and Promotion (CHERP), a VA HSR&D Center of Innovation, successfully competed for renewal in FY2019 under the leadership of Michael Fine, MD, MS, and Sonya Borrero, MD, MS. The renewal included the establishment of a new Health Equity Capacity Building Core, co-directed by Leslie Hausmann, PhD. During the current 5-year funding period, CHERP research will focus on improving the quality and equity of health and health care for vulnerable populations, improving the quality, safety, and value of medication therapy, and other VA priorities, such as suicide prevention and the expansion of VA Community Care mandated by the Mission Act. CHERP has an impressive record of publication in high-impact journals, acquisition of HSR&D and QUERI funding, and dissemination of research that consistently influences and informs VA clinical care and policy. For example, ongoing research by Walid Gellad, MD, MPH, demonstrating increased risks for Veterans who receive opioid medications from both VA and Medicare, led to an official agreement between the Department of Veterans Affairs and the Centers for Medicare & Medicaid Services to improve opioid safety monitoring by providing VA with access to prescription records from Medicare for medications dispensed to VA enrollees who are dually enrolled. CHERP investigators received several prestigious national honors this year, including Michael Fine, MD, MS (Daniel Deykin Award for Outstanding Mentor), Sonya Borrero, MD, MS (SGIM Mid-Career Research Mentorship Award), and Walid Gellad, MD, MPH (Presidential Early Career Award for Scientists and Engineers). In FY2019, CHERP recruited Utibe Essien, MD, MPH, from internal medicine fellowship at the Massachusetts General Hospital, who began in the DGIM in September 2018. Dr. Essien’s research focuses on racial and ethnic health disparities in the use of novel therapeutics and technologies in the management of chronic diseases.
The CRHC Data Center, under the direction of Kaleab Abebe, PhD, greatly facilitates the conduct of research and supports investigators from across the entire institution. The Data Center has three cores—data management/information systems (DM/IS), biostatistics, and qualitative research services—which allow it to support a variety of research studies in a number of ways. The DM/IS Core develops state-of-the-art web-based data management systems designed to facilitate data capture and enhance the workflow of clinical research studies. The Biostats Core carries out statistical analyses and collaborates with principal investigators to interpret the findings and disseminate study results. Finally, the Qualitative Core of the Data Center (Qual EASE) collaborates with investigators to integrate qualitative research services into clinical research studies, including data collection, transcription, coding, and analyses. Under the leadership of Dr. Abebe, the Data Center continues to expand and has become solidly self-supporting as a cost recharge center.

Collaborative Research Centers and Programs, and New Initiatives & Collaborations

In June 2019, the NIH announced that it would provide $5.8 million in funding to establish an Appalachian Node of the National Institute on Drug Abuse Clinical Trials Network (CTN), which will be led by Division Chief Dr. Jane Liebschutz, in partnership with Judith Feinberg, MD, of West Virginia University and Sarah Kawasaki, MD, of the Pennsylvania State University. The Appalachian node will conduct opioid-related research in our region, with a particular focus on rural and other underserved populations. Dr. Liebschutz and her collaborators will work with individual clinical practices throughout Appalachia to enroll patients in national studies related to opioid use and treatment. They will also explore novel methods of delivering treatment to these hard-to-reach populations, including through local pharmacies, peer navigators, and coaches and digital technology.

The PaTH Clinical Data Research Network is a major program created by the Patient-Centered Outcomes Research Institute (PCORI) to develop infrastructure to support multi-site health research using real-world evidence. Established in 2014, it has had a major impact on our capacity to conduct patient-centered outcomes research. PaTH is one of nine networks that make up the national PCORnet initiatives. Collaborators include Geisinger Health System, Johns Hopkins University, Johns Hopkins Health System, Penn State College of Medicine, Penn State Milton S. Hershey Medical Center, Temple Health System, Lewis Katz School of Medicine at Temple University, the University of Pittsburgh, UPMC and UPMC Health Plan, The Ohio State University, The Ohio State University Wexner Medical Center, University of Michigan, and Michigan Medicine. De-identified data from over 13 million patients are accessible through the PaTH Common Data Model. PaTH investigators have co-led the PCORnet Bariatric Study and have participated in nine PCORnet studies led by investigators from other PCORnet institutions (e.g., ADAPTABLE, INVESTED, PROVIDE-HF, PCORnet PCSK9i Study). In addition, researchers at PaTH-affiliated institutions have undertaken studies (total grant awards over $41,000,000) that address topics such as low-back pain treatment, prevention of fragility fractures, comparative effectiveness of the CMS obesity counseling policy, the impact of timing on eating and weight loss, and provider-targeted interventions to prevent unsafe opioid prescribing. In Phase II of PCORnet, PaTH research teams used innovative recruitment approaches to enroll over 13,700 patients (7,792 from UPMC alone) to participate in health research. The University of Pittsburgh is the lead site for PaTH, with Kathleen McTigue, MD, MPH, serving as lead PI and Michael Becich, MD, PhD (Dept. of Biomedical Informatics), acting as co-PI.
The Section of Treatment, Research, and Education in Addiction Medicine (STREAM), led by KEVIN KRAEMER, MD, MSc, seeks to build programs and human capital at the University of Pittsburgh in this area. STREAM leverages existing substance use disorder research, training, and clinical care programs at the VA Pittsburgh Healthcare System, UPMC, and the University of Pittsburgh. This research program conducts studies on approaches to substance use disorders in non-specialty settings, fosters research collaborations across disciplines, and endeavors to gain program project funding. STREAM leads the Center for Opioid Recovery (see the “Clinical Care” section) and STREAM faculty participate in the newly established Addiction Medicine Consult Service. STREAM had a very successful year, with Dr. Kraemer initiating a PCORI $4.2 million multi-site project to decrease unsafe opioid prescribing for acute pain. The project uses provider-targeted behavioral interventions to prevent unsafe opioid prescribing for acute non-cancer pain in primary care. In addition, as mentioned above, Dr. Jane Liebschutz received funding to establish an Appalachian Node of the NIDA Clinical Trials Network, to carry out opioid-related research that has the potential to change policy and improve treatment for hard-to-reach populations. STREAM is helping to build the careers of an impressive group of K-supported young clinical investigators, including DEANNA WILSON, MD, MPH (opiod use disorders in adolescents and young adults), SHARI ROGAL, MD, MPH (substance use disorders in patients with advanced liver disease), HAWRE JALAL, MD, PhD (dynamic simulation modeling of the opioid epidemic), and COLEMAN DRAKE, PhD (analysis of geographic access to medication therapy for opioid use disorder). To maintain momentum in clinical research career development in this area, Dr. Kraemer submitted a K12 program application to NIDA to support 2-3 additional junior faculty in substance use disorder research.

The Center for Research on Media, Technology, and Health (MTH), founded in 2014 by BRIAN PRIMACK, MD, PhD, has been conducting research investigating associations between media messages, technological innovations, and health outcomes. Of particular interest to MTH has been health outcomes related to substance use, mental health, and communication between patients and healthcare providers. The center’s overall goal has been to develop, implement, and evaluate interventions related to media messages and technological advances to improve health outcomes. It has produced significant research that has changed our understanding of the relationships between technology and health, particularly with the seminal publication, “Social Media Use and Perceived Social Isolation Among Young Adults in the U.S.,” published in the American Journal of Preventive Medicine in July 2017. The article is in the top 5% of all research outputs scored by the data science company Altmetric and in September 2018 was announced as the American Journal of Preventive Medicine’s 2017 article of the year. In FY2019, researchers at MTH gave 11 presentations at the annual meetings of the Society of Behavioral Medicine and Society of Adolescent Health and Medicine and published over 20 peer-reviewed manuscripts, including those in press. Research produced by MTH has garnered significant attention from news outlets such as CNN, Newsweek, Washington Post, and the U.S. News & World Report. A significant leadership change has also taken place in FY2019 at MTH as the result of Dr. Primack’s departure in June 2019 to become the Dean of the College of Education and Health Professions at the University of Arkansas. One of DGIM’s goals for FY2020 will be to determine a successful organizational and structural model to support the vital research done at MTH.

The Center for Women’s Health Research and Innovation (CWHRI), led by SONYA BORRERO, MD, MS, comprises an interdisciplinary group of researchers dedicated to improving women’s health through innovative, high-quality health services research. The research conducted by CWHRI seeks to understand not only how individual-, provider-, and system-level factors influence women’s health care, but also how social
and cultural norms and health and social policies support or interfere with women’s ability to achieve optimal wellbeing and health, across the lifespan and across diverse populations. CWHRI researchers are particularly interested in understanding the experiences of socially marginalized women and interrogating the systems that perpetuate marginalization and disempowerment. In the past year, Dr. Borrero established the FemTech Collaborative, a subdivision of CWHRI focused on the development and testing of digital technology to improve women’s reproductive health care. CWHRI seeks to foster collaboration across academic communities to advance the field of women’s health and provide mentorship and training opportunities to students, residents, fellows, and junior faculty committed to women’s health services research.

The Center for Behavioral Health and Smart Technology, founded in 2015 by Bruce Rollman, MD, MPH, is a cross-disciplinary group within the Center for Research on Health Care and the Department of Medicine. It facilitates research conducted at the intersection of clinical medicine, computer science, health services research, and healthcare delivery and supports the careers of new and junior investigators through mentorship, consultations, seed money awards, and collaborative clinical research opportunities with faculty across the Schools of the Health Sciences. In November 2018, the CBHST’s 4th annual health technology conference was attended by over 230 University and local community stakeholders. The Center was also invited to host the 11th Scientific Conference for the International Society for Internet Interventions (ISRII), which will attract approximately 500 registered attendees to the University campus in September 2020, with half of these attendees expected to come from outside the U.S. Additionally, this past year, CBHST core faculty within the Department were awarded over $10 million in new R01 or similar funding from PCORI, NCI, and NHLBI for their behavioral health technology-related studies. The CBHST also serves as the Methods Core for the ETUSES Center, which was awarded $6 million from NIMH in July 2018 and which aims to help prevent adolescent suicide; ETUSES also supports several CBHST and CRHC Data Center faculty and staff (PI: D. Brent, Psychiatry).

The Center for Pharmaceutical Policy and Prescribing, of which Dr. Walid Gellad is the Director, had a successful FY2019, with several high-impact publications and frequent media appearances from Dr. Gellad and other Center faculty. The Center fosters multidisciplinary collaboration to improve the quality, safety, and efficiency of medication use, and focuses on informing the regulation and coverage of pharmaceuticals and improving patient and prescriber decision-making on prescription drugs. CP3 began FY2019 with two grant awards. The first, from the Richard King Mellon Foundation (PI: Gellad), is applying machine learning analyses to Allegheny County service use data to improve risk prediction for opioid overdose. The second grant is a K01 from the NHLBI to Inmaculada (Inma) Hernandez, PharmD, PhD, mentored by Dr. Gellad, to study “Patient and System-Level Determinants of Oral Anticoagulation Use in Atrial Fibrillation.” In July 2018, Dr. Hernandez joined CP3 leadership as Associate Director and was named as one of Forbes’ “30 Under 30” in November. CP3 also launched a speaker series to promote interdisciplinary scholarship and discussion of topics in pharmaceutical policy. In FY2019, CP3-affiliated faculty published 48 peer-reviewed papers and presented their work at a number of national and international conferences, including AcademyHealth, the Society for General Internal Medicine, and the International Society of Pharmacoeconomics and Outcomes Research Europe. Finally, CP3 welcomed its first student interns this year, with two medical students contributing to research and writing projects.

The Palliative Research Center (PaRC), was established in 2019 as the official organization for the robust research enterprise within the Section of Palliative Care and Medical Ethics. Led by Yael Schenker, MD,
**MAS, PaRC seeks to improve care for patients with serious illness and their families through the development, evaluation, and dissemination of evidence-based palliative care interventions.** In FY2019 the team published over 49 articles in well-known journals, including the *New England Journal of Medicine*, *Journal of General Internal Medicine*, and *JAMA*. PaRC faculty had roles on 11 grants, 6 of which were funded to begin in FY2019. Dr. Yael Schenker’s R01, “Patient-Centered and Efficacious Advance Care Planning in Cancer: The PEACe comparative effectiveness trial,” received $3.1 million in funding from NCI. Faculty members won national recognition for their scholarly accomplishments including Dr. Jessica Merlin, Associate Director of the GIM Research Fellowship and Associate Program Director for Research for the Internal Medicine Residency Program, who received the 2018 AMERSA New Investigator/Education Award. Dr. Dio Kavalieratos received the 2019 Early Career Investigator Award from the American Academy of Hospice and Palliative Medicine and was recently appointed to its nominating committee. Finally, PaRC has expanded in FY2019 with the addition of Dr. Hailey Bulls, who was recruited from the H. Lee Moffitt Cancer Center in Florida and who joins the faculty as Assistant Professor; Dr. Natalie Ernecoff, who began a postdoctoral appointment with the Clinical and Translational Science (TL1) Fellowship Program; and 6 new staff members hired by the research team.

The **Center for Clinical Trials and Data Coordination (CCDC)**, which serves as a data coordinating center for numerous randomized controlled trials (RCTs), was established in 2015 under the direction of Dr. Kaleab Abebe. The CCDC guides clinical trials from conception to closeout, employing a system that seamlessly integrates critical elements of clinical trial management. Using clinical research data coordinators who function as conduits between the clinical, data, and statistical teams of each study, the CCDC is quickly becoming a leader in data coordination of single- and multicenter clinical trials. The CCDC currently leads data coordinating centers for 3 multi-institutional RCTs in the areas of polycystic kidney disease, sickle cell disease, and von Willebrand disease. In FY2019, the CCDC was instrumental in obtaining funding for 2 single-center RCTs within the CRHC: the R01-funded *Family Partners for Health Action (FAM-ACT)* Program (PI: DGIM faculty member Dr. Ann-Marie Rosland), and the R61-funded *A Mobile Relational Agent to Enhance Atrial Fibrillation Self-Care (AfibLITT)* (PI: J. Magnani).

### Faculty Research Interests and Activities

**Jane M. Liebschutz, MD, MPH  Division Chief**

Dr. Liebschutz’s research is focused on developing interventions to combat the current crisis in opioid use disorders. More broadly her research focuses on substance use, violence, and mental health within the practice of general medical care. Earlier in her career, she studied violence and its health impacts—knowledge that she uses in her current work on substance abuse disorders. Dr. Liebschutz has conducted numerous observation and intervention studies, including research on opioid prescribing for chronic pain in primary care. She has also directed randomized trials to study the treatment of opioid and injection drug use disorders in hospitalized patients. Dr. Liebschutz has a sustained history of funding, including current R01 funding to study “Implementing opioid risk reduction strategies into primary care practice.”

Her research has been supported by the NIH’s National Institute on Drug Abuse, Health Resources and Services Administration, the Robert Wood Johnson Foundation, the American Cancer Society, the Substance Abuse and Mental Health Services Administration, and the Agency for Healthcare Quality and Research. She has been a frequent speaker at national and international conferences held by, among others, the Society of...
General Internal Medicine, the American College of Physicians, the College on Problems of Drug Dependency, and the National Drug Abuse Treatment Clinical Trials Network. Her topics have ranged from intimate partner violence and chronic pain management to work-life integration.

**Advisory Committee Memberships and Leadership Positions**

- Founding Member, Physicians Against Violence Interest Group, Society for General Internal Medicine, 1998-present
- Member, Alcohol, Tobacco, and Other Drugs Interest Group, Society for General Internal Medicine, 2004-present
- Member, Pain Interest Group, Society for General Internal Medicine, 2006-present
- Advisor, Women’s Task Force, Career Advising Program, Society of General Internal Medicine, 2014-present
- Member, Mental Health and Substance Abuse Task Force, Society for General Internal Medicine, 2016-present
- Member, International Conference on Physician Health Planning Committee, Toronto, ON, Canada, 2018-2019
- Member, National Academy of Sciences workshop on Pain and Symptom Management for People with Serious Illness in the Context of the Opioid Epidemic, 2018-2019
- Member, Physician Scientist Incubator Career Development Committee, University of Pittsburgh/UPMC, 2018-2023
- Member, Wellness Symposium Planning Committee, UPMC, 2018-present
- Member, Center for Health Equity and Research Promotion Planning Committee, VA Pittsburgh Healthcare System, 2018-present

**Editorships**

- Peer Reviewer, Drug and Alcohol Abuse, Annals of Family Medicine, 2003-present
- Peer Reviewer, eTreatment, The Journal of Pain, Annals of Internal Medicine, 2018-2019

**Major Lectureships and Seminars**

- Presenter, PA Prescription Drug Monitoring Program Seminar, August 2018
- Presenter, Pain and Opioid regional seminar, UPMC Health Plan, October 2018
- Presenter, Update in Internal Medicine CME course, University of Pittsburgh School of Medicine, October 2018
- Presenter, International Conference on Physician Health Planning Committee, Toronto, ON, Canada, October 2018
- Presenter, Keynote talk, National Academy of Sciences workshop on Pain and Symptom Management for People with Serious Illness in the Context of the Opioid Epidemic, November 2018
- Presenter, Grand Rounds, West Virginia University Department of Psychiatry, December 2018
- Presenter, Pinnacle Grand Rounds, Harrisburg, PA, December 2018
- Presenter, Wellness Symposium, UPMC Shadyside Herberman Conference Center, January 2019
- Presenter, Grand Rounds, New York University, January 2019
- Presenter, Grand Rounds, UPMC Shadyside, February 2019
- Presenter, School of Pharmacy Grand Rounds, University of Pittsburgh, March 2019
- Presenter, Center for Research on Health Care (CRHC) Seminar, April 2019
- Presenter, Pulmonary Grand Rounds, University of Pittsburgh, April 2019
- Presenter, Magee OBGYN Research Day, May 2019
Kaleab Z. Abebe, PhD
Dr. Abebe’s collaborative research focuses on the design, conduct, and analysis of multicenter, randomized, controlled trials (RCTs), namely in polycystic kidney disease (PKD). He is the PI of the Data Coordinating Center (DCC) for the TAME-PKD study, which is a phase II RCT that is assessing safety and tolerability of metformin in PKD as well as for the STERIO-SCD study, a phase II trial in sickle cell disease. Most recently, he was the PI of the Data Coordinating Center (DCC) for the HALT-PKD Network, which comprised two 7-site clinical trials evaluating the impact of hypertensive medications and blood pressure control on the progression of PKD. Dr. Abebe also oversees statistical cores of several comparative-effectiveness studies in gestational diabetes and adolescent medicine. In addition, he is the founding director of the Center for Clinical Trials & Data Coordination, created to standardize the design, conduct, and analysis of RCTs.

Study Sections
- Ad hoc Reviewer, Kidney, Nutrition, Obesity, and Diabetes Study Section, NIH Center for Scientific Review, October 2018 and June 2019
- Reviewer, Special Emphasis Panel ZDK1 GR-B R M2 1, NASH-CRN, National Institute of Diabetes and Digestive and Kidney Diseases, April 2019

Advisory Committee Memberships and Leadership Positions
- Chapter Representative, Pittsburgh Chapter, American Statistical Association, 2016-present
- Chair, Advisory Panel on Clinical Trials, Patient-Centered Outcomes Research Institute, 2018-2019

Editorships
- Statistical Editorial Board Member, Journal of the American Society of Nephrology, 2018-present

Andrew D. Althouse, PhD
Dr. Althouse received a Bachelor’s of Science in Statistics from Carnegie Mellon University in 2008 before moving to the University of Pittsburgh for post-graduate study. He earned a Master’s degree in Applied Statistics in 2010 en route to a doctoral degree in Epidemiology at the Graduate School of Public Health in August 2013, authoring cardiovascular outcomes papers from the multicenter, international BARI 2D clinical trial as part of his graduate work. Dr. Althouse began his post-graduate career as a faculty statistician for Magee Womens Research Institute from 2013-2015, then served in a similar capacity at the UPMC Heart and Vascular Institute from 2015-2018 before he was recruited to the Center for Research on Health Care in August 2018. Dr. Althouse has presented work at national meetings of the American Diabetes Association, American Heart Association, American Statistical Association, and International Biometrics Society as well as co-authoring over 100 published manuscripts in peer-reviewed journals across various specialties, including...
cardiovascular disease, diabetes, exercise, maternal & child health.

**Advisory Committee Memberships and Leadership Positions**
- Vice Chair, American Heart Association Statistics Task Force, 2018-2019

**Editorships**
- Statistical Editor, *Circulation: Cardiovascular Interventions*, 2018-2019
- Deputy Statistical Editor, *Journal of Thoracic and Cardiovascular Surgery*, 2018-2019

**Major Lectureships and Seminars**

**Eric J. Anish, MD**
Dr. Anish precepts medical students and residents in an outpatient, primary care medicine practice. He also serves as a teaching attending on a general internal medicine, hospitalist service. He is heavily involved in teaching medical students the fundamentals of the adult physical examination, as well as teaching medical students, residents, and practicing physicians how to perform arthrocentesis and joint/soft tissue injections.

**Study Sections**
- Abstract Review Board Member, National Abstract Competition in Internal Medicine, American College of Physicians, 2006-present

**Advisory Committee Memberships and Leadership Positions**
- Director, Pittsburgh Public High School Football Program, UPMC Center for Sports Medicine, Pittsburgh, Pennsylvania, 2010-present

**Editorships**
- Ad hoc reviewer, *Current Sports Medicine Reports*, 2008-present

**Major Lectureships and Seminars**
- Invited speaker, Primary Care Sports Medicine Grand Rounds, UPMC, October 2018 and January 2019
- Invited Teaching Faculty, Clinical Skills Workshops, Annual Session of the American College of Physicians, Philadelphia, PA, April 2019

**Robert M. Arnold, MD**
Dr. Arnold focuses on how clinicians operationalize ethical precepts in the care of seriously ill patients. He works at the interface of communication skills training, medical ethics, and palliative care, all in an effort to improve clinicians' skills. Current research focuses on teaching palliative care communication skills to clinicians using both face-to-face courses and new technologies and on understanding the impact of these educational interventions. He also works with junior investigators to better understand the impact of primary palliative care interventions in oncology and cardiology. Finally, Dr. Arnold is interested in studying health system-wide interventions to improve seriously ill patients' and families' experiences.

**Advisory Committee Memberships and Leadership Positions**
- Member, Hospice and Palliative Care Interest Group, American Society of Bioethics and Humanities, 1998-present
- Member, American Academy of Hospice and Palliative Medicine Clinical Quality Measures Working Group, 2017-present
Robert M. Arnold, MD

Dr. Arnold focuses on how clinicians operationalize ethical precepts in the care of seriously ill patients. He also works with junior investigators to better understand the impact of primary educational interventions. He serves as a teaching attending on a general internal medicine, hospitalist service. He is heavily involved in teaching medical students the fundamentals of the adult physical examination, as well as teaching medical residents and students, residents, and practicing physicians how to perform arthrocentesis and joint/soft tissue injections.

Eric J. Anish, MD

Dr. Anish serves as a teaching attending on a general internal medicine, hospitalist service. He is heavily involved in teaching medical students the fundamentals of the adult physical examination, as well as teaching medical residents and students, residents, and practicing physicians how to perform arthrocentesis and joint/soft tissue injections.

Major Lectureships and Seminars

- Lecturer, Grand Rounds, Thomas Jefferson Hospital, Philadelphia, PA, August 2018
- Lecturer, Grand Rounds, Plastic Surgery Residency Program, UPMC, September 2018
- Lecturer, Grand Rounds, Department of Urology, University of Pittsburgh, November 2018
- Lecturer, Theil College, Greenville, PA, November 2018
- Lecturer, American Society of Hematology National Meeting, San Diego, CA, December 2018
- Lecturer, American Academy of Hospice and Palliative Medicine Annual Assembly, Orlando, FL, March 2019
- Lecturer, Jewish Healthcare Foundation, Pittsburgh, PA, April 2019
- Lecturer, Wishwa Kapoor Grand Rounds, ICRE, April 2019
- Lecturer, American Academy of Communication in Healthcare (AACH), Pittsburgh, PA, May 2019
- Lecturer, Grand Rounds, Thomas Jefferson Hospital, Philadelphia, PA, May 2019

Honors and Awards

- Awardee, Who’s Who in the World, 2017-present
- Awardee, Albert Nelson Marquis Lifetime Achievement Award, December 2018
- Honoree, Pittsburgh’s Best Doctors, Pittsburgh Magazine, 2019

John R. Blosnich, PhD, MPH

Dr. Blosnich’s research areas of expertise include interpersonal and self-directed violence among lesbian, gay, bisexual, and transgender (LGBT) individuals. His program of health equity research at the VA focuses on LGBT veterans, with specific attention to suicide prevention and examining ways that patients’ social determinants of health data can be integrated into adaptive health care systems. His 5-year VA Health Services Research & Development Career Development Award is the first to study transgender health nationally across the VA.

Advisory Committee Memberships and Leadership Positions

- Co-director, VA National Workgroup on Developing Health Services Research Priorities for Identifying and Addressing Social Determinants of Health among Veterans, Philadelphia, PA, November 2018
- Invited participant, Meeting on gun violence involving LGBTQ people, UCLA School of Law & Williams Institute, November 2018

Editorships


Major Lectureships and Seminars

- Invited speaker, Homeless Evidence and Research Synthesis Roundtable Series Cyber-Seminar, National Center on Homelessness among Veterans, September 2018
**Honors and Awards**
- Recipient, CARE Award for Outstanding LGBT Veteran Service by the LGBT Health Program in the VA Office of Patient Care Services, July 2018

**Eliana Bonifacino, MD**
Dr. Bonifacino’s academic focus is on teaching medical students and residents about clinical reasoning and medical decision making. As one of the medical directors of the local Birmingham Free Clinic, another focus of hers is on caring for underserved populations.

**Major Lectureships and Seminars**
- Invited Presenter, UPMC Physician Well-being Symposium, January 2019
- Invited Presenter, UPMC Psychiatry Residency Program- Residents as Teachers Series, February 2019
- Invited Presenter, UPMC Division of OB/GYN Grand Rounds, February 2019
- Invited Presenter, UPMC Division of Plastic Surgery Grand Rounds, March 2019
- Workshop Presenter, Academic Internal Medicine Week 2019, Philadelphia, PA, April 2019

**Honors and Awards**
- Finalist, Milton W. Hamolsky Jr. Faculty Scientific Presentation Award, Society for General Internal Medicine Annual Meeting, Washington DC, May 2019

**Sonya A. Borrero, MD, MS**
Dr. Borrero’s work strives to advance reproductive health equity. Her research has been funded by NIH, VA, and foundation grants and has focused on understanding multilevel influences on contraceptive and pregnancy decision making in marginalized populations in order to identify targets for social, clinical, and policy interventions that will decrease people’s risk for undesired pregnancy and that will augment reproductive autonomy. Her current projects include optimizing pre-pregnancy and contraceptive care provision within the VA Healthcare System; developing patient-centered digital tools to support women’s reproductive decision making and facilitate provider provision of family planning care; and advancing understanding of how social and structural factors and inequalities shape and constrain low-income men’s and women’s reproductive agency, intentions, and behaviors.

**Study Sections**
- Standing Member, NIH Study Section, Health, Behavior, and Context, NICHD, 2016-present

**Advisory Committee Memberships and Leadership Positions**
- Leader, Disparities Workgroup, VA Women’s Health Research Consortium, VA Health Services Research and Development (HSR&D) Service, 2012-present
- Member, Board of Directors, Society of Family Planning, 2013-present
- Member, Adagio Health Medical Standards Committee, 2014-present
- Co-Chair, Scientific Committee, Meeting of the North American Forum on Family Planning, 2014-present
- Member, Advisory Committee, Upstream, 2014-present
- Member, Advisory Council, New Voices Pittsburgh, 2015-present
- Member, Stakeholder Committee, RK Mellon Foundation Infant Mortality Initiative, 2016-present
- Founding Member, Reproductive Bridges Coalition, 2016-present
- Site co-leader, VA Women’s Health Practice-Based Research Network, VA HSR&D Service, 2016-present
• Member, Governor’s Advisory Council on Veterans Services, 2017-2018
• Secretary, Board of Directors, Society of Family Planning, 2017-present
• Member, External Advisory Board, Center for Reproductive Health Research in the SouthEast, 2017-present
• Member, Intentionality Steering Committee, National Campaign to Prevent Teen and Unplanned Pregnancy, 2017-present
• Member, Board of Directors, Health Careers Future, Jewish Healthcare Foundation, 2018-present
• Member, Regional Advisory Committee, Women’s Health Activist Movement Global, Jewish Healthcare Foundation, 2018-present
• Member, Family Planning Counseling and Education Technical Expert Panel, Office of Population Affairs, U.S. Department of Health and Human Services, 2018
• Member, Pennsylvania Maternal Mortality Review Committee, Pennsylvania Department of Health, 2018-present
• Expert Reviewer, Continuous Identification of Research Evidence System, Department of Reproductive Health and Research, World Health Organization, 2018-present
• Member, Gulf War and Health Technical Expert Panel, Office of Patient Care Services, Department of Veterans Affairs, 2019

Major Lectureships and Seminars
• Speaker, Patient-Centered Care Workshop, Packard Foundation, Los Altos, California, October 2018
• Speaker, Society of Family Planning Career Development Seminar, New Orleans, Louisiana, October 2018
• Panelist speaker, North American Forum on Family Planning, New Orleans, Louisiana, October 2018
• Speaker, University of North Carolina Center for Maternal and Infant Health webinar series, November 2018
• Speaker, Preconception Health and Reproductive Justice Convening, Preterm Birth Initiative, University of California San Francisco, San Francisco, California, January 2019
• Plenary speaker, National Family Planning and Reproductive Health Association (NFPRHA) National Conference, Washington, DC, March 2019
• Panelist, 7th Annual Adolescent Health Research Symposium, Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, March 2019
• Speaker, University of North Carolina Center for Maternal and Infant Health webinar series, April 2019

Honors and Awards
• Honoree, Mid-Career Research Mentorship Award, Society of General Internal Medicine, 2019

Robert C. Brooks, MD, PhD

Professional Affiliations and Society Memberships
• Peer Reviewer, Case Reviews for Quality Improvement, VA Pittsburgh Healthcare System, 2001-
present

- Member, Peer Review Committee, VA Pittsburgh Healthcare System, 2012-present
- Member, National VA Inter-professional Academic PACT Workgroup, 2014-2019
- Member, Veterans Research Foundation, Medical Education Patient Safety (MEPS) Grant Review Committee, April 2019

**Editorships**
- Reviewer, *Journal of General Internal Medicine*, 2018

**Honors and Awards**
- Recipient, VAPHS Chief of Staff Clinical Excellence Award, July 2019

**Thuy D. Bui, MD**

Dr. Bui’s research is on global health workforce and training and interventions to address social determinants of health.

**Study Sections**
- Abstract Reviewer, Society of General Internal Medicine, 2010-present
- Abstract Reviewer, Consortium of Universities for Global Health, 2011-present

**Advisory Committee Memberships and Leadership Positions**
- Member, Gold Humanism Honor Society Advisory Council, 2014-present

**Editorships**
- Reviewer, *Malawi Medical Journal*, 2015-present

**Peter D. Bulova, MD**

Among Dr. Bulova’s research interests are Down syndrome and Alzheimer’s disease, improving the quality of life for adults with special needs, and improving the quality of outpatient medical education.

**Study Sections**
- Abstract Reviewer, National Down Syndrome Medical Interest Group, 2013-present

**Advisory Committee Memberships and Leadership Positions**
- Member, National Down Syndrome Medical Interest Group, 2011-present
- Member, Transitional Care for Youth with Chronic Disease Interest Group, Society of General Internal Medicine, 2011-present
- Member, International Medical Graduates Interest Group, Society of General Internal Medicine, 2011-present
- Member, Clinical Symposium Planning Committee, National Down Syndrome Medical Interest Group, 2012-present
- Member, National Down Syndrome Registry Operations Board, National Institutes of Health, 2013-present
- Vice President, Executive Council, National Down Syndrome Medical Interest Group, 2016-present
- President, Down Syndrome Medical Interest Group – USA, 2018-2020

**Editorships**

**Major Lectureships and Seminars**

- Lecturer, Down Syndrome International Global Conference and Educational Symposium, Glasgow, Scotland, July 2018
- Invited Lecturer, Down Syndrome Medical Interest Group National Symposium, Dallas, TX, July 2018
- Workshop Speaker, National Down Syndrome Congress Annual Convention, Dallas, TX, July 2018
- Plenary Speaker, Annual Aging with Developmental Disability Conference, St. Charles, MO, May 2019
- Presenter, Care of People with Down Syndrome Across the Lifespan, Children’s Hospital of Pittsburgh of UPMC, June 2019
- Featured speaker, The Global Down Syndrome Foundation Research & Medical Care Roundtable, Pittsburgh, PA, June 2019
- Presenter, Down Syndrome Medical Interest Group National Symposium/National Down Syndrome Congress, Pittsburgh, PA, June 2019

**Honors and Awards**
- Recipient, National Down Syndrome Congress 2018 President’s Award (as President of the National Down Syndrome Medical Interest Group), July 2018
- Recipient, National Down Syndrome Congress 2019 President’s Award (as Medical Director of the University of Pittsburgh Adult Down Syndrome Center), June 2019
• Lecturer, Down Syndrome International Global Conference and Educational Symposium, Glasgow, Scotland, July 2018
• Invited Lecturer, Down Syndrome Medical Interest Group National Symposium, Dallas, TX, July 2018
• Workshop Speaker, National Down Syndrome Congress Annual Convention, Dallas, TX, July 2018
• Plenary Speaker, Annual Aging with Developmental Disability Conference, St. Charles, MO, May 2019
• Presenter, Care of People with Down Syndrome Across the Lifespan, Children’s Hospital of Pittsburgh of UPMC, June 2019
• Featured speaker, The Global Down Syndrome Foundation Research & Medical Care Roundtable, Pittsburgh, PA, June 2019
• Presenter, Down Syndrome Medical Interest Group National Symposium/National Down Syndrome Congress, Pittsburgh, PA, June 2019

Honors and Awards
• Recipient, National Down Syndrome Congress 2018 President’s Award (as President of the National Down Syndrome Medical Interest Group), July 2018
• Honoree, Best Doctors in Pittsburgh, Pittsburgh Magazine, 2019
• Recipient, National Down Syndrome Congress 2019 President’s Award (as Medical Director of the University of Pittsburgh Adult Down Syndrome Center), June 2019

Gregory M. Bump, MD
Dr. Bump focuses on medical education, patient safety, and quality improvement.

Advisory Committee Memberships and Leadership Positions
• Member, United States Medical Licensing Examination Patient Safety Test Material Development Committee, 2018-2022

Editorships
• Journal Reviewer, Academic Medicine, 2012-2019
• Journal Reviewer, BMJ Open, 2018-2019

Major Lectureships and Seminars
• Presenter, 9th Annual Communication Conference, UPMC Shadyside, May 2019

Raquel A. Buranosky, MD, MPH
Dr. Buranosky investigates the areas of domestic violence screening, women’s health, medical education, and curriculum development. Along with publishing and mentoring others in this area, she also is a member of the Medical Education Research Committee in the Division of General Internal Medicine, which reviews and approves research proposals for funding. Dr. Buranosky has been a Schweitzer fellow mentor to many medical students in the area of underserved women’s health.

Editorships

Honors and Awards
• Recipient, Top 5 of 7000 UPMC Physicians for Patient Satisfaction, 99.5th percentile, 2018

Andrea E. Carter, MD, MS
Dr. Carter has presented nationally and published work in a variety of different content areas including medical education, women’s health, chronic pain, and opioid use disorder.

Study Sections
- Research Abstract Reviewer, American College of Physicians Regional Meeting, Harrisburg, PA, November 2018

Advisory Committee Memberships and Leadership Positions
- Co-Facilitator, Division of General Internal Medicine Faculty Case Conference Monthly Series, University of Pittsburgh, 2018-present

Major Lectureships and Seminars
- Invited Presenter, Division of General Internal Medicine Women’s Health Seminar, University of Pittsburgh, July 2018
- Workshop Presenter, Associate of Program Directors in Internal Medicine Fall Meeting, Orlando, FL, October 2018
- Presenter, VA Pittsburgh Healthcare System Regional Fall Women’s Health Update, October 2018
- Workshop Presenter, Academic Internal Medicine Week 2019, Philadelphia, PA, April 2019

(Joyce) Chung-Chou H. Chang, PhD
Dr. Chang has a wide range of interests in theoretical and applied statistics, including time-to-event (survival) and longitudinal data analysis, missing data (competing risks and informative dropout), causal effect modeling, design and analysis of observational studies and clinical trials, design and analysis of studies of biomarkers in risk prediction, dynamic prediction, and machine learning techniques. She has served as the lead statistician on numerous research projects and has been the statistical mentor for several K-awardees. In these roles, she has helped investigators throughout the University develop new research protocols and data analysis plans for a wide range of biomedical studies and has overseen the data management and analyses of these studies. Rather than limiting her role to applying traditional statistical methodology to projects, Dr. Chang actively encourages and promotes the use of the most up-to-date appropriate statistical methods. She has applied these methods to a wide range of investigations, including research on aging, HIV/AIDS and other infectious diseases, heart diseases, liver transplantation, health services research, and acute illness.

Study Sections
- Grant reviewer, Medical Research Council, United Kingdom, 2018

Advisory Committee Memberships and Leadership Positions
- Member, Statistics in Epidemiology Mentoring Committee, American Statistical Association, 2018
- Member, Board of Directors, International Chinese Statistical Association, 2018-2019
- President, American Statistical Association Pittsburgh Chapter, 2018-2019
- Panel Reviewer, Congressionally Directed Medical Research Programs, Department of Defense/ Defense Medical Research and Development Program, 2018-2019
- Member, Waller Education Award Committee, American Statistical Association, 2018-2019
- Member, CRISMA Executive Management Committee, Department of Critical Care Medicine, University of Pittsburgh, 2018-2019
- Director, CRISMA Biostatistical and Data Management Core (BDMC), University of Pittsburgh, 2018-2019

Editorships
Joyce) Chung-Chou H. Chang, PhD

- Other infectious diseases, heart diseases, liver transplantation, health services research, and acute illness.
- She has applied these methods to a wide range of investigations, including research on aging, HIV/AIDS and other diseases.
- Chang actively encourages and promotes the use of the most up-to-date appropriate statistical methods.
- These studies. Rather than limiting her role to applying traditional statistical methodology to projects, Dr. Chang provides analysis plans for a wide range of biomedical studies and has overseen the data management and analyses of these studies.
- She has served as the lead statistician on numerous research projects and has been the statistical mentor for several K-awardees.
- In addition to her expertise in biomarkers in risk prediction, dynamic prediction, and machine learning techniques, she has served as the statistical advisor for various studies, including those related to medical education, women's health, chronic pain, and opioid use disorder.
- Dr. Chang has presented nationally and published work in a variety of different content areas including presenters on a range of topics such as network analysis to improve tobacco cessation.
- His current projects are focused on cancer surveillance and tobacco control. Dr. Chu is funded by an NIH/NCI K07 Career Development Award to integrate patient-centered research, smartphone apps, and social network analysis to improve tobacco cessation.
- Dr. Chu’s primary research focus is applying innovative methods in technology and data science to improve various health outcomes. His work includes public health surveillance, mobile health interventions, and studying big data online. Dr. Chu’s expertise in social network analysis compliments his research through understanding the use of social media and how relationships can be affected to improve health outcomes.
- His current projects are focused on cancer surveillance and tobacco control. Dr. Chu is funded by an NIH/NCI K07 Career Development Award to integrate patient-centered research, smartphone apps, and social network analysis to improve tobacco cessation.

Julie Wilson Childers, MD, MS

Dr. Childers’s research interests are teaching communication and opioid prescribing for patients with a history of addiction.

Editorships
- Reviewer, Journal of General Internal Medicine, 2018-2019

Kar-Hai Chu, PhD

Dr. Chu’s primary research focus is applying innovative methods in technology and data science to improve various health outcomes. His work includes public health surveillance, mobile health interventions, and studying big data online. Dr. Chu’s expertise in social network analysis compliments his research through understanding the use of social media and how relationships can be affected to improve health outcomes.

Advisory Committee Memberships and Leadership Positions
- Co-Chair, Network Analysis of Digital and Social Media Minitrack, Hawaii International Conference on System Sciences (HICSS) Conference, 2017-present
- Panel moderator, Social Dynamics and Community Health Conference, Graduate School of Public Health, University of Pittsburgh, October 2018

Editorships

Major Lectureships and Seminars
- Presenter, Graduate School of Public Health, University of Pittsburgh, September 2018
- Presenter, Mobile Sensing and Health Institute, University of Pittsburgh, October 2018
- Presenter, Current Issues in Tobacco Research, UPMC Hillman Cancer Center, November 2018
- Presenter, 7th Annual Adolescent and Young Adult Health Research Symposium, Children’s Hospital of Pittsburgh of UPMC, March 2019
- Keynote presenter, Tobacco Free Allegheny, December 2018, April 2019, May 2019
- Presenter, Pennsylvania LGBTQ+ Health Conference, Cranberry, PA, June 2019
- Presenter, UPMC Hillman Cancer Center, Scientific Retreat, June 2019

Honors and Awards
- Recipient, UPMC Hillman Cancer Center, Junior Scholar Award, June 2019

Rene N. Claxton, MD, MS
Advisory Committee Memberships and Leadership Positions

- Workshop organizer, Pre-Conference Course, Academy of Hospice and Palliative Medicine Annual Assembly, Orlando, FL, May 2019

Major Lectureships and Seminars

Invited presenter, UPSOM Medical Education Day, September 2018
Invited presenter, Internal Medicine Residency Faculty Retreat, October 2018
- Invited presenter, UPMC Cardiology Grand Rounds, February 2019
- Invited presenter, UPMC Palliative Medicine Grand Rounds, February 2019
- Invited presenter, UPMC Geriatrics Grand Rounds, April 2019
- Invited presenter, Women’s Health Update, VA Pittsburgh Healthcare System, May 2019

Honors and Awards

- Nominee, Hastings Center Cunniff-Dixon Mid-Career Physician Award, 2018

Tara E. Cook, MD

Dr. Cook’s research interests include teaching communication skills, application of palliative care and communication skills in neurology, and employment of communication skills to address patients’ religious concerns and distress.

Editorships

- Ad-Hoc Reviewer, Journal of Supportive Care in Cancer, May-June 2019

Major Lectureships and Seminars

- Invited Presenter, University of Pittsburgh Bioethics Medical Humanities Seminar Series, September 2018
- Presenter, University of Pittsburgh Medical Education Day, September 2018
- Invited Speaker, Department of Neurology Grant Rounds, UPMC, January 2019
- Presenter, Workshop, American Academy of Neurology Annual Meeting, Philadelphia, PA, May 2019
- Invited Speaker, Bioethics Conference, LaRoche College, Pittsburgh, Pennsylvania, May 2019

Jennifer A. Corbelli, MD, MS

Dr. Corbelli has presented nationally and published work in a variety of research content areas, including systematic review, medical education research such as curriculum development and evaluation, and women’s health. In addition, she continues to actively mentor residents and fellows in their own research and education projects.

Study Sections

- Abstract Reviewer, Society of General Internal Medicine, 2014-present

Advisory Committee Memberships and Leadership Positions

- Member, Women’s Health Education Interest Group, Society of General Internal Medicine, 2014-present

Professional Affiliations and Society Memberships

- Fellow, American College of Physicians, 2017-present

Editorships

- Reviewer, Mayo Clinic Proceedings, 2013-present
- Reviewer, Women’s Health Issues, 2014-present
- Reviewer, American Journal of Preventive Medicine, 2014-present
Dr. Davis is an NIH-funded clinical researcher with a patient-oriented research program focused on obesity-related maternal and child health outcomes and in comparative effectiveness research in obesity and tobacco. Much of her work has focused on understanding the development of obesity in women. She has contributed to the field specifically by investigating the perinatal, cultural, and behavioral factors associated with the racial and socioeconomic disparities in obesity among women that have persisted for decades. She published a novel conceptual framework that has been highly cited to help guide the testing of hypotheses associated weight change during pregnancy and the long-term development of obesity and related disparities. Dr. Davis has contributed new analytic methods in investigating pregnancy-factors associated with the development of maternal obesity and related outcomes. She is currently the principal investigator of a NIH-funded randomized controlled trial titled, "Comparison of Two Screening Strategies for Gestational Diabetes, GDM2 Study," which aims to examine differences in perinatal outcomes of women randomized to two screening/diagnostic strategies for gestational diabetes. She has also conducted studies that investigate the association between obesity and cardiac recovery and remodeling in women with postpartum cardiomyopathy. Dr. Davis also investigates the reduction reducing risk factors such as hypertension, obesity, smoking and patient attitudes associated with cardiovascular disease. She is currently a co-investigator on three NIH/FDA-funded randomized control trials that are studying effective strategies for treating hospitalized smokers and evaluating new nicotine standards for cigarettes.

Study Sections
- Reviewer, NIH/NHLBI Study Section, March 2019

Advisory Committee Memberships and Leadership Positions
- Member, Selection Committee, Amy Roberts Health Promotion Research Award, 2011-present
- Chair, Education Committee, Executive Leadership Committee, American Heart Association, Pittsburgh Region, 2012-present
- Member, Diversity Advisory Group, University of Pittsburgh School of Medicine, 2016-present
- Board Member, American Heart Association, Greater Pittsburgh Region, 2017-present
- Member at Large, Research Committee, American Academy of Family Physician Foundation, 2017-present
- Member, National Research Committee of the American Heart/American Stroke Association, Dallas, TX, Jul 2018-present

Professional Affiliations and Society Memberships
- Fellow, American Academy of Family Physicians, 2012-present
Editorships

Major Lectureships and Seminars
- Presenter, Neurosurgery Division Conference, UPMC Presbyterian Hospital, July 2018
- Invited panelist, Dean’s Summer Research Program Mid-summer colloquium, July 2018
- Invited speaker, Women’s Health Seminar Series, Chatham University, October 2018
- Invited speaker, Current Issues in Tobacco Research: Preclinical, Clinical and Policy Perspectives Retreat, University of Pittsburgh, November 2018
- Invited speaker, General Internal Medicine Grand Rounds, UPMC Presbyterian Hospital, January 2019
- Invited speaker, Cardiology Grand Rounds, UPMC Presbyterian Hospital, February 2019
- Invited speaker, Family Medicine Grand Rounds, UPMC St Margaret’s Hospital, May 2019

Honors and Awards
- Recipient, Division of General Internal Medicine MVP Award, December 2018
- Nominee, Best Doctors in America List, 2019

Deborah J. DiNardo, MD
Dr. DiNardo’s main research interests center around the development, implementation, and evaluation of curricula for teaching clinical reasoning within both undergraduate and graduate medical education. Dr. DiNardo has presented her work and teaching both locally and nationally. Dr. DiNardo has also developed clinical expertise and presented nationally in the areas of Women’s Health, breast cancer screening and risk assessment, and the provision of cancer survivorship care in primary care settings. She formed and directs the VA Pittsburgh Women’s Cancer Navigation Team, a multi-disciplinary group with a goal of improving the quality of care received by women veterans with cancer, and secured a $10,000 grant from the Veterans Research Foundation to support and evaluate these efforts.

Advisory Committee Memberships and Leadership Positions
- Site Leader, VA Pittsburgh, National VA Women’s Health Practice-Based Research Network, 2016-present
- Member, Josiah Macy Jr. Foundation Clinical Reasoning Subcommittee, Society to Improve Diagnosis in Medicine, 2017-present

Editorships
- Reviewer, Journal of General Internal Medicine, Exercises in Clinical Reasoning Series, 2017-present

Anna K. Donovan, MD, MS
Dr. Donovan has extensive experience presenting her work and teaching both locally and nationally. She maintains an interest in medical education research, with current projects in curriculum design, implementation, and evaluation. She recently designed and evaluated a new curriculum teaching interns how to teach, and she has integrated it into a longitudinal residents-as-teachers curriculum for Internal Medicine residents. Additionally, she is involved in medical education research projects related to teaching high-value care and also projects focused on improving inpatient care through educational interventions.
- Peer Reviewer, Innovations in Medical Education Abstracts for the Annual Meeting of the Society of General Internal Medicine, 2019
- Abstract Reviewer & Poster Judge, Department of Medicine Research Day, 2019

Advisory Committee Memberships and Leadership Positions
- Member, Faculty Reviewer and Selection Committee, University of Pittsburgh School of Medicine Community Service Award, 2018-present

Editorships
- Reviewer, Journal of General Internal Medicine, Medical Education Theme Issue, September 2018

Major Lectureships and Seminars
- Lecturer, UPMC Department of Pathology Grand Rounds, August 2018
- Workshop Presenter, Inaugural Women in Medicine Seminar Series, UPMC Internal Medicine Residency Training Program, November 2018

D. Michael Elnicki, MD
Medical education, at both the UGME and GME levels, is the primary focus of Dr. Elnicki’s scholarship. He has published on several educational topics that include improving aspects of teaching clinical medicine, early clinical exposures for medical students, assessment issues, improving the learning environment, teaching evidence based medicine skills, providing feedback to learners and teaching telephone medicine skills to residents. He currently is part of programs to develop curricula on pain management issues, to address issues of student mistreatment and improving assessment measures.

Advisory Committee Memberships and Leadership Positions
- Member, Committee for Review of Internal Medicine Exams, National Board of Medical Examiners, 2017-present

Professional Affiliations and Society Memberships
- Master, American College of Physicians, 2015-present

Editorships
- Abstract Reviewer, Member, Associate of Medical Education in Europe, 2010-present
- Abstract, Paper Reviewer, Research in Medical Education Committee, Association of American Medical Colleges, 2010-present
- Deputy Editor, Journal of General Internal Medicine, 2013-present
- Reviewer, Academic Medicine, 2018-2019

Honors and Awards

Utibe R. Essien, MD, MPH
Dr. Essien is a health services researcher and practicing general internist who conducts research on racial/ethnic health disparities. His specific focus is on the use of novel therapeutics and technologies in the management of chronic diseases and understanding mechanisms by which differences exist in their uptake and diffusion.

As a General Medicine Fellow, Dr. Essien applied innovative methods to study whether racial/ethnic differences exist in the use of novel anticoagulants in patients with atrial fibrillation, including after
controlling for patient-level socioeconomic status factors. Additionally, he examined the role of social determinants such as food insecurity and housing instability on patients with diabetes. Currently, Dr. Essien is a Core Investigator in the Center for Health Equity Research and Promotion in the VA Pittsburgh Healthcare System. He is studying patient, provider, and system-level predictors of use of novel treatments in chronic disease management among Veterans. He is also interested in developing patient-centered interventions to increase knowledge of therapeutic options.

**Editorships**
- Editorial Board Member, SGIM Forum, 2018-2019
- Ad hoc reviewer, JAMA, Journal of General Internal Medicine, Health Literacy Research and Practice, American Journal of Cardiology, 2018-2019

**Honors and Awards**
- Recipient, Saunders Watkins Scholarship, National Heart Lung, and Blood Institute, September 2018
- Recipient, Academic Career Development Award, National Institute of Health/National Medical Association, 2018
- Recipient, National Minority Quality Forum 40 Under 40 Leaders in Minority Health Award, February 2019
- Recipient, Inaugural Distinguished Professor of Health Equity Poster Walk and Talk Award, Society of General Internal Medicine, May 2019

**Kristian Feterik, MD, MBA**
Dr. Feterik’s research interests include: optimization of electronic health records, clinical decision support systems, knowledge discovery, and data mining.

**Study Sections**
- Research, Innovations, and Clinical Vignettes Competition Judge, Pittsburgh Chapter, Society of Hospital Medicine Meeting, Pittsburgh, PA, 2018-2019

**Advisory Committee Memberships and Leadership Positions**
- Council Member and representative, Western Region Pennsylvania Chapter of the American College of Physicians, 2015-present
- Treasurer, Pittsburgh Chapter of Society of Hospital Medicine, 2017-present
- Member, Member, Executive Council of Health Information Technology Special Interest Group, Society of Hospital Medicine, Philadelphia, PA, 2018-present
- Physician representative and advisory board member, Clinical Connect Health Information Exchange Strategic Planning Committee, Pittsburgh, PA, 2018-present
- Member, Adult Geriatric Acute Care Nurse Practitioner Advisory Board, University of Pittsburgh School of Nursing, Pittsburgh, PA, 2018-present
- Co-Chair, Scientific Program, Annual Meeting of the American College of Physicians Pennsylvania Chapter, Philadelphia, PA, 2018
- Peer reviewer, American Medical Informatics Association 2019 Clinical Informatics Conference, Atlanta, GA, 2018-2019
- Peer reviewer, American College of Physicians Internal Medicine Meeting 2019, Philadelphia, PA,
Michael J. Fine, MD, MSc
Dr. Fine is a Professor of Medicine and Director of the Center for Health Equity Research and Promotion (CHERP), a VA Center of Innovation in Health Services Research at the VA Pittsburgh Healthcare System. His research focuses on ways to improve the quality and equity of medical care for patients with common medical problems. As Director of CHERP, he is particularly interested in conducting research to detect, understand, and eliminate disparities in health and health care among vulnerable patient populations. His past research employed retrospective and prospective cohort designs, with extensive emphasis on assessment of patient-centered outcomes. Dr. Fine's research has also utilized randomized clinical trial design to test the effectiveness and safety of medical practice guidelines to improve the quality and efficiency of care for patients with common medical illnesses.

Study Sections

- Grant Peer Reviewer, Ad hoc reviewer for the Swiss National Science Foundation, Berne, Switzerland, 2018
- Grant Peer Reviewer, Center for Research on Health Care, Division of General Internal Medicine, University of Pittsburgh, 2018-2019
- Grant Peer Reviewer, Center for Health Equity Research and Promotion (CHERP), VA Pittsburgh Healthcare System, 2018-2019

Advisory Committee Memberships and Leadership Positions

- Director, Center for Health Equity Research and Promotion (CHERP), VA Pittsburgh Healthcare System, 2001-present
- Member, Research and Development Committee, VA Pittsburgh Healthcare System, 2009-present
- Mock Grant Reviewer, Clinical and Translational Science (CTS) Scholars Program (KL2), Institute for Clinical Research Education, University of Pittsburgh, 2012-present
- Chair, Charleston Health Equity and Rural Outreach Innovation Center (HEROIC) Steering Committee, Charleston, South Carolina, 2013-present
- Chair, Center for Innovation for Veteran-Centered and Value-Driven Care Steering Committee, Seattle, WA/Denver, CO, 2013-present
- Member, Joint Guideline on Community and Hospital Community Acquired Pneumonia
Committee, American Thoracic Society / Infectious Diseases Society of America, 2014-present
  • Chair, Planning Committee, VA COIN Directors Meeting, Washington, D.C., November 2018

Professional Affiliations and Society Memberships
  • Fellow, American College of Physicians, 1998-present
  • Member, American Society for Clinical Investigation, 1999-present

Editorships
  • Reviewer, Clinical Infectious Diseases, JAMA Internal Medicine, 2018-2019

Major Lectureships and Seminars
  • Invited Presenter, Medical Grand Rounds, Medical College of Wisconsin, Milwaukee, WI, October 2018
  • Invited Presenter, Center for Advancing Population Science (CAPS) Seminar Series, Medical College of Wisconsin, Milwaukee, WI, October 2018

Gary S. Fischer, MD
Dr. Fischer conducts research in several areas related to quality improvement: (1) the use of health information technology (HIT) and clinical decision support to improve quality of care; (2) the use of patient-facing HIT tools to improve patient outcomes, including with weight loss, diabetes care, hypertension, and prevention; (3) electronic communication between patients and health care providers; and (4) ambulatory quality improvement.

Advisory Committee Memberships and Leadership Positions
  • Member, Society of General Internal Medicine Clinical Practice Committee and Practice Redesign Subcommittee, 2018-2019
  • Member, Society of General Internal Medicine Annual Meeting Clinical Innovations Committee, 2018-2019

Major Lectureships and Seminars
  • Invited Presenter, Epic User Group Meeting, Verona, WI, August 2018

Honors and Awards
  • Honoree, Best Doctors in Pittsburgh, Pittsburgh Magazine, 2019

Walid F. Gellad, MD, MPH
Dr. Gellad’s research focuses on physician prescribing practices and on policy issues affecting access and adherence to medications for patients. He received a career development award from the Department of Veterans Affairs to study the quality and efficiency of prescribing in the VA and is currently funded by the VA, NIH, foundations, and the state of Pennsylvania on multiple studies of pharmaceutical policy and prescription use. His work spans clinical areas, ranging from diabetes and hepatitis C to prescription drug and substance abuse. His field of policy expertise is prescription drug pricing and spending. Dr. Gellad is a former member of the Food and Drug Administration (FDA) advisory committee on nonprescription drugs and is an alternate member of the FDA Drug Safety Oversight Board. He is a nationally recognized authority on improving the measurement of medication adherence. He is board certified in internal medicine and completed a residency and chief residency in internal medicine at Brigham and Women’s Hospital and Harvard Medical School. He sees primary care patients in the VA Pittsburgh Healthcare System and attends on the inpatient general medical service.

Study Sections
  • Reviewer, Judge, Department of Medicine Research Day, 2015-present
• Ad hoc grant reviewer, NIH Special Emphasis Panel “Accelerating the Pace of Drug Abuse Research Using Existing Data”, 2018-2019
• Research Abstract Reviewer, Society of General Internal Medicine National Meeting, 2018-2019

Advisory Committee Memberships and Leadership Positions
• Alternate Member, Drug Safety Oversight Board, FDA, 2009-present
• Director, Center for Pharmaceutical Policy and Prescribing, Health Policy Institute, University of Pittsburgh, 2013 - present
• Member, Scientific Advisory Board, Health Prize, 2015-present
• Member, VA Pittsburgh Pharmacy & Therapeutics Committee, 2018-2019
• Chair, VA Pittsburgh Drug Use Evaluation Subcommittee, 2018-2019
• Co-Chair, Department of Medicine Research Day 2019 Planning Committee, 2018-2019
• Invited Panelist, University of Michigan Institute for Healthcare Policy and Innovation, May 2019

Editorships
• Editorial Board Member, Journal of General Internal Medicine, 2016-present
• Reviewer, Health Affairs, Medical Care, Annals of Internal Medicine, JAMA, NEJM, JAMA Internal Medicine, 2008–present

Major Lectureships and Seminars
• Invited Speaker, GI Research Rounds, UPMC Division of Gastroenterology, April 2019

Honors and Awards
• Awardee, Leadership Award, Association of Chiefs and Leaders of General Internal Medicine, 2018
• Awardee, Outstanding Commitment to Excellence in Research, VA Pittsburgh Healthcare System, May 2019

Lawrence D. Gerber, MD
Dr. Gerber focuses his educational interests on teaching inpatient hospitalist procedures (e.g., arthrocentesis, paracentesis, lumbar puncture); teaching urine microscopy; teaching polarized light microscopy for crystal analysis; and teaching blood-smear evaluation. He is also interested in utilizing and teaching Point of Care Ultrasound as a tool for the diagnostic evaluation.

Editorships
• Peer Reviewer, Federal Practitioner, 2018-2019

Alda Maria R. Gonzaga, MD, MS
Dr. Gonzaga focuses on adolescent and women’s health. In 2006, she established the Progressive Evaluation and Referral Center (PERC) housed within the UPP General Internal Medicine clinic to accept patients with chronic health concerns transferring care from pediatrics to adult-oriented health care. Dr. Gonzaga has always had a strong interest in patient-doctor communication skills, including motivational interviewing and universal precautions for patients of varying levels health literacy, and she is involved at various levels in the medical school’s diversity and inclusion efforts.

Major Lectureships and Seminars
• Workshop presenter, Alliance for Academic Internal Medicine (AAIM) Skills Development Conference, Orlando, FL, October 2018
• Workshop presenter, Annual Med-Peds Program Director’s Association (MPPDA) Conference, New Orleans, LA, March 2019
• Workshop presenter, Annual Association of Pediatric Program Directors (APPD) Conference, New Orleans, LA, March 2019
• Workshop presenter, Academic Internal Medicine Week, Philadelphia, PA, April 2019
• Workshop presenter, Society of General Internal Medicine Annual Meeting, Washington, DC, May 2019

C. Bernie Good, MD, MPH
As the Director for the Center for Value-Based Pharmacy Initiatives at UPMC Health Plan, Dr. Good has research interests relating to alternative payment models for pharmacy benefits including value-based contract arrangements, and the safe and effective provision of medications. He has published recently in the area of drug safety, appropriate prescribing, conflicts of interest, and cost-effectiveness.

Advisory Committee Memberships and Leadership Positions
• Member, Medical Advisory Panel, Veterans Health Administration Pharmacy Benefits Management Strategic Healthcare Group, Department of Veterans Affairs, 1999-present
• Member, VA Adverse Drug Event Reporting System Advisory Group, 2008-present
• Director, Center for Value-Based Pharmacy Initiatives, UPMC Health Plan, 2017-present

Major Lectureships and Seminars
• Presenter, Pharma Pricing and Benefit Management Conference, 2019
• Presenter, 8th Annual Premier Specialty Pharmacy Summit, Miami, FL, February 2019
• Presenter, Pharmacy Roundtable, International Society for Pharmacoeconomics and Outcomes Research Annual Meeting, New Orleans, LA, May 2019
• Presenter, Alliance of Community Health Plans Clinical Collaborative Meeting, Dallas, TX, May 2019

Thomas C. Grau, MD
Advisory Committee Memberships and Leadership Positions
• Governor, Western Pennsylvania Region, American College of Physicians, 2016-present

Megan E. Hamm, PhD
As a Qualitative Methodologist, Dr. Hamm specializes in the collection and analysis of interview, focus group, and observational data. Her background in Anthropology is in gender and sexuality, with a focus on sex worker activism in South Asia; as such, she has expertise in collecting data on sensitive and emotionally difficult subjects, which translates well into qualitative data collection in the medical context, particularly with patients suffering social stigma and emotional trauma from their illnesses. As Director of Qualitative, Evaluation, and Stakeholder Engagement Services, Dr. Hamm has participated in more than 60 research projects about an array of different topics that frequently fall under one of the following general topics: evaluation of medical educational programming, the formative evaluation of behavioral and programmatic interventions, provider communication, the adoption of new health technologies, sexuality and reproductive health, pain management, substance use in pregnancy, using qualitative data to inform user-centered design of interventions, tele-health, and stakeholder engagement.

Advisory Committee Memberships and Leadership Positions
• Director, Qualitative, Evaluation, and Stakeholder Engagement Research Services, CRHC Data Center, 2016–present
• Member, PaTH Storybooth Stakeholder Advisory Group, 2018-2019
Janel Z. Hanmer, MD, PhD

Dr. Hanmer’s primary research focus is on health-related quality of life measurement, particularly health utility measurement. Her previous work has focused on the use of legacy measures. Are the measures comparable? What happens if modes of administration are mixed? What are population averages for these measures? She has often worked with population-based datasets, such as the Medical Expenditures Panel Survey. Dr. Hanmer’s recent work has focused on developing a new health utility score for the Patient-Reported Outcomes Measurement Information System (PROMIS). This work combines item response theory and econometric theory. In addition, Dr. Hanmer is the Medical Director for Patient Reported Outcomes at UPMC where she oversees the design and implementation of patient reported outcome measure collection in clinical settings through Epic. In this role, she evaluates patient reported outcomes in clinical populations and the effect of measure collection on practices.

Study Sections

- Abstract Reviewer, Society for Medical Decision Making Annual Meeting, 2015-present
- Abstract Reviewer, Society of General Internal Medicine Annual Meeting, 2015-present
- Judge, Lee Lusted Prize, Society for Medical Decision Making Annual Meeting, 2015–present

Advisory Committee Memberships and Leadership Positions

- Reader, Sentinel Evidence-B, Health Information Research Unit, McMaster University, 2014-present
- Consultant, NeuroQoL by Evidera, Biogen, 2015-present
- Assistant Dean, Scholarly Research Project, University of Pittsburgh School of Medicine, 2017-present
- Member, National Person-Centered Assessment Resource Committee, 2017-present
- Consultant, Injury Impacts by Industrial Economics, Consumer Product Safety Commission, 2018

Editorships

- Reviewer, Medical Decision Making, 2014-present
- Reviewer, Quality of Life Research, 2014-present
- Reviewer, Value in Health, 2015-present
- Editorial Board Member, Medical Decision Making, 2016-2018

Major Lectureships and Seminars

- Invited Lecturer, Department of Population Health Sciences, University of Utah, Salt Lake City, Utah, September 2018
- Invited Lecturer, Office of Heath Economics, Lunch Seminar, London, UK, October 2018
- Invited Lecturer, The 28th Annual Medical Ethics Conference, Center for Bioethics and Health Law, Pittsburgh, March 2019

Jaishree Hariharan, MD

Advisory Committee Memberships and Leadership Positions

- Member, Society of General Internal Medicine Clinical Practice Committee, 2017-present
**Peggy B. Hasley, MD, MHSc**
Dr. Hasley has taken a scholarly approach to the development of medical education. She has developed evaluations of her curricula and has presented her findings locally and at national meetings and she has received internal and foundational funding to support her work. Dr. Hasley serves on the Faculty and Fellows Grant Committee for the Division of General Medicine. She mentors multiple residents, and her scholarly contributions to the primary care of transplant patients has led to two review publications and a book chapter published in the *Textbook of Organ Transplantation*.

**Study Sections**
- Abstract Reviewer, Medical Education Innovations, Society of General Internal Medicine Annual Meeting, 2003-2018
- Reviewer, Clinical Vignettes, SGIM Annual Meeting, 2017-2018
- Poster Judge, UPMC Medical Education 17th Annual GME Leadership Conference, 2018

**Advisory Committee Memberships and Leadership Positions**
- Member, Faculty Executive Committee, University of Pittsburgh, 2018-2019

**Honors and Awards**
- Recipient, Loren Roth Excellence in Patient Experiences Award, University of Pittsburgh School of Medicine, 2018

**Leslie R. M. Hausmann, PhD**
Dr. Hausmann is a social psychologist who conducts multidisciplinary research and quality improvement projects focused on identifying, understanding, and reducing disparities in health and health care for vulnerable patient populations. While much of her work has focused on issues of discrimination and bias in the healthcare setting, she also has extensive experience leading large-scale, multisite, mixed-methods evaluations of the longitudinal impact of efforts to improve quality of care overall or for specific vulnerable groups.

**Study Sections**
- Abstract Reviewer, Society of Behavioral Medicine Annual Meeting, 2014-present
- Internal Reviewer, VA HSR&D Career Development Awards, Merit Review Proposals, and Nursing Research Initiative Proposals, VA Center for Health Equity Research and Promotion (CHERP), 2018-present
- Judge, University of Pittsburgh Department of Medicine Research Day, 2018-2019

**Advisory Committee Memberships and Leadership Positions**
- Member, VA Health Services Research & Development Scientific Merit Review Board, 2014-present
- Co-Organizer, Workgroup Meeting to Develop Health Services Research Priorities for Identifying and Addressing Social Determinants of Health Among Veterans, November 2018
- Alternate Member, Research and Development Committee, VA Pittsburgh Healthcare System, 2018-present
- Member, VA Pittsburgh Research Scientific Evaluation Committee, 2018-present

**Editorships**
Leslie R. M. Hausmann, PhD

Dr. Hausmann is a social psychologist who conducts multidisciplinary research and quality improvement projects focused on identifying, understanding, and reducing disparities in health and health care for vulnerable patient populations. While much of her work has focused on issues of discrimination and bias in the healthcare setting, she also has extensive experience leading large-scale, multisite, mixed-methods evaluations of the longitudinal impact of efforts to improve quality of care overall or for specific vulnerable populations. Dr. Hausmann served on the Faculty and Fellows Grant Committee for the Division of General Medicine. She mentors multiple residents, and her scholarly contributions to the primary care of transplant patients has led to two review publications and a book chapter published in the Textbook of Organ Transplantation.

Peggy B. Hasley, MD, MHSc

Dr. Hasley has taken a scholarly approach to the development of medical education. She has developed grants to support her work. Dr. Hasley serves on the Faculty and Fellows Grant Committee for the Division of General Medicine. She mentors multiple residents, and her scholarly contributions to the primary care of transplant patients has led to two review publications and a book chapter published in the Textbook of Organ Transplantation.

Brian S. Heist, MD, MSc

Dr. Heist's research interests include Japanese medical education, clinical reasoning, and web-based education.

Scott R. Herrle, MD, MS

Dr. Herrle's academic interests include the teaching of physical examination and history taking skills in addition to clinical reasoning to residents and medical students. Dr. Herrle is a member of the Academy of Master Educators at the University of Pittsburgh School of Medicine, serves as the course director for the medical school's Advanced Physical Examination course along with the Prologue course, and is a member of the University of Pittsburgh School of Medicine's Curriculum Committee. He has served on the writing committees for the general medicine component of the 16th, 17th, 18th, and 19th editions of the Medical Knowledge Self-Assessment Program (MKSAP) which is published by the American College of Physicians and also currently is a member of the In-Training Exam Committee of the American College of Physicians.
Dr. Kapoor has conducted groundbreaking work in syncope and community-acquired pneumonia (CAP).

Franziska F. Jovin, MD*

Advisory Committee Memberships and Leadership Positions
- Member, Risk Evaluation for Mitigation Strategy, FDA Advisory Panel for Extended-Release Long-Acting Opiates, 2015-present
- Member, VISON Advisory Group for PACT Advancement, 2015-present

Honors and Awards

Charles R. Jonassaint, PhD, MHS

Dr. Jonassaint's research aims to use mobile technology to improve pain and mental health care for underserved populations.

Advisory Committee Memberships and Leadership Positions
- Chair, Behavioral Informatics and Technology Special Interest Group, Society of Behavioral Medicine, 2017-2018

Major Lectureships and Seminars
- Presenter, American Psychosomatic Society Annual Meeting, Vancouver, BC, Canada, March 2019
- Chair, Behavioral Informatics and Technology Special Interest Group, Society of Behavioral Medicine, 2017-2018

Honors and Awards

Erika L. Hoffman, MD

Advisory Committee Memberships and Leadership Positions
- Member, Risk Evaluation for Mitigation Strategy, FDA Advisory Panel for Extended-Release Long-Acting Opiates, 2015-present
- Member, VISON Advisory Group for PACT Advancement, 2015-present

Honors and Awards

Franziska F. Jovin, MD*

Honors and Awards

Wishwa N. Kapoor, MD, MPH

Dr. Kapoor has conducted groundbreaking work in syncope and community-acquired pneumonia (CAP).
Broadly, his interests are in health services and outcomes of common medical problems, including a focus on improving outcomes, reducing cost and providing high-quality care. His work has been published in prestigious journals, including the New England Journal of Medicine, JAMA, Circulation, and Annals of Internal Medicine. His studies have provided the building blocks for the evaluation and management of syncope, forming the foundation for guidelines on the condition. His work is used and quoted by physicians nationally and internationally. His contributions in CAP, funded by AHRQ under Patient Outcomes Research Team (PORT), led to the assembling of a team of scientists from diverse disciplines. Dr. Kapoor served as the leader of this large multicenter and multidisciplinary group, which redesigned the approach to the prevention, treatment, and prognosis of CAP. PORT produced more than 100 publications in major journals and books. The studies led to several large, randomized, controlled trials, directed by Michael Fine, MD MSc, his main collaborator and mentee on PORT.

Advisory Committee Memberships and Leadership Positions

- Co-Director, RAND-University of Pittsburgh Health Institute, 2006-present
- Member, AAMC Committee on Shortening Time to Independence for Clinical/Translational Physician Scientists, 2007-present
- Member, External Advisory Board, Institute for Integration of Medicine and Science, University of Texas Health Sciences Center, San Antonio, TX, 2010-present
- Associate Director, Clinical and Translational Science Institute, University of Pittsburgh, 2016-present

Dio Kavalieratos, PhD

Dr. Kavalieratos is a health services researcher whose work focuses on development, evaluation, and implementation of patient-centered models of palliative care in serious cardiopulmonary illness. He has expertise in qualitative methods, patient-reported outcomes, and evidence synthesis. A recipient of the 2013 Young Investigator Award from the American Academy of Hospice and Palliative Medicine (AAHPM), he serves as Chair of the AAHPM’s Scientific Subcommittee. Dr. Kavalieratos' work has been supported by the National Palliative Care Research Center (Career Development Award, 2014), AHRQ (K12, 2014), the Cystic Fibrosis Foundation (Pilot Study Grant, 2014), and NHLBI (K01, 2016). His research has appeared in journals, including JAMA, the Journal of the American Heart Association, the Journal of Pain and Symptom Management, and Heart (BMJ), among others. He serves as an Associate Editor of the Journal of Palliative Medicine, and serves on the Editorial Board of the American Journal of Public Health.

Study Sections

- Member, Palliative Care Research Cooperative Study Section, 2016-present
- Judge, Department of Medicine Research Day, 2018-2019

Advisory Committee Memberships and Leadership Positions

- Advisor, Investigator Development Core, Palliative Care Research Cooperative, 2015-present
- Chair, Scientific Subcommittee, American Academy of Hospice and Palliative Medicine, 2016-present
- Co-Chair, Palliative Care Guidelines Development Committee, Cystic Fibrosis Foundation, 2016-present
- Member, Scientific Review Committee, National Palliative Care Research Center, 2016-present
- Co-Director, Palliative Care Initiatives, Cystic Fibrosis Foundation, 2017-present
- Associate Director for Research, Section of Palliative Care and Medical Ethics, Division of General Internal Medicine, 2018-2019
Kevin L. Kraemer, MD, MSc

Dr. Kraemer researches the delivery and implementation of patient-centered strategies for the detection and early intervention of unhealthy alcohol and drug use. He also studies the application of cost-effectiveness methodology to alcohol and drug detection and treatment programs, and the comparative effectiveness of alcohol and drug addiction treatment on HIV outcomes and quality of HIV care. He serves as co-investigator and Pittsburgh Principal Investigator for the national, multi-site Veterans Aging Cohort Study (VACS), which is assessing the impact of multi-substance use and use in a prospective cohort of 9,000 HIV-infected and uninfected veterans and a “virtual” cohort of all 47,000+ HIV-infected Veterans in care since 1998. He is currently Principal Investigator of a five-year NIAAA R01 "Comparative Effectiveness of Alcohol and Drug Treatment in HIV-Infected Veterans," which aims to compare the impact of different alcohol and illicit drug treatment approaches on the outcomes of HIV virologic control and quality of HIV care. Dr. Kraemer has

- Member, Research Education Strategies Task Force, American Academy of Hospice and Palliative Medicine, 2018-2019

Editorships
- Associate Editor, Journal of Palliative Medicine, 2017-present
- Editorial Board Member, American Journal of Public Health, 2011-present
- Peer Reviewer, Journal of Healthcare for the Poor and Underserved, Journal of Oncology Practice, Journal of Pain and Symptom Management, Journal of Palliative Medicine, Health Affairs, Heart, Medical Care, Palliative Medicine, Psycho-Oncology, Supportive Care in Oncology, Thorax, 2018-2019

Major Lectureships and Seminars
- Invited Presenter, Pain and Symptom Management Rounds, Princess Margaret Cancer Center, University of Toronto, September 2018
- Presenter, North American Cystic Fibrosis Conference, Denver, CO, October 2018

Honors and Awards
- Recipient, American Academy of Hospice and Palliative Medicine Early Investigator Award, 2019

Amar R. Kohli, MD

Dr. Kohli’s primary research interests include consultation medicine and doctor-to-doctor communication.

Study Sections
- Abstract Reviewer, Society of General Internal Medicine Mid-Atlantic Regional Meeting, 2015-present
- Clinical Vignette Abstract Reviewer, Society of General Internal Medicine Annual Meeting, 2015-present

Advisory Committee Memberships and Leadership Positions
- Member, National Membership Committee, Society of General Internal Medicine, 2017-present
- Chair, Membership Committee, Society of General Internal Medicine Mid-Atlantic Region, 2018-2019

Editorships
- Peer Reviewer, Journal of General Internal Medicine, 2013-present
extensive research mentoring experience across a spectrum of predoctoral students, postdoctoral fellows, and junior and mid-level faculty. Currently, he is primary mentor to several University of Pittsburgh junior faculty, fellows, and residents. He serves as a Master Mentor in the ICRE Training Early Academic Mentors program, is co-leader for the ICRE’s annual Mentoring Matters half-day workshop, and teaches in the University of Pittsburgh Office for Academic Career Development’s professional development workshop series, including the session on K awards. Nationally, he has served on the AAMC Committee on Training Physicians to be Clinical-Translational Investigators.

**Study Sections**
- Ad hoc Study Reviewer, AA-2 Health Services, Prevention, and Epidemiology Research, National Institutes of Health and National Institute on Alcohol Abuse and Alcoholism, 2006-present

**Advisory Committee Memberships and Leadership Positions**
- Member, Task Force on Substance Abuse, Society of General Internal Medicine, 1996-present
- Member, National Conference Scientific Abstract Review Committee, Association for Medical Education and Research in Substance Abuse, 2000-present
- Treasurer, Association for Medical Education and Research in Substance Abuse, 2015-2019
- Member, Board of Directors, Association for Medical Education and Research in Substance Abuse, 2015-2019

**Editorships**
- Associate Editor, *Alcohol, Other Drugs, and Health: Current Evidence*, 2003-present
- Peer Reviewer, *e Treatment*, *BMJ Open Journals*, *Addiction, and Alcohol, Other Drugs, and Health: Current Evidence, Substance Abuse*, 2018-2019

**Major Lectureships and Seminars**
- Presenter, Institute for Research, Education and Training in Addictions (IRETA) summer curriculum for medical students, July 2018
- Invited Presenter, UPMC Pain and Addiction Conference, October 2018
- Invited Presenter, UPMC Addiction Medicine Grand Rounds, October 2018
- Invited Presenter, Institute for Clinical Research Education KL2/TL1 Career Development Seminar, November 2018
- Invited Presenter, UPMC McKeensport Noon Internal Medicine Conference, March 2019
- Invited Presenter, 27th Annual Clinical Update in Geriatric Medicine, Pittsburgh, PA, April 2019
- Invited Presenter, UPMC Conference: Accelerating Stakeholder-Driven Patient-Centered Outcomes Research and Comparative Effectiveness Research in a Learning Health System, Pittsburgh, PA, May 2019

**Honors and Awards**
- Awardee, Top Reviewer, *Annals of Internal Medicine*, 2018

**Tamar P. Krishnamurti, PhD**
Dr. Krishnamurti’s research uses and develops methods in the social and decision sciences, working with experts from multiple institutions and disciplines, to examine problems that meet at the intersection of health, risk, technology, and the environment. Her current research focuses primarily on risk perception and communication and the development of mobile health strategies to identify and intervene on health risks, including pregnancy-related risks in the early postpartum period.

**Study Sections**
- Abstract Judge, 4th Integrative Conference on Technology, Social Media, and Behavioral Health,
University of Pittsburgh, November 2018
- Grant Peer Reviewer, Center for Research on Health Care, University of Pittsburgh, 2018-2019

Advisory Committee Memberships and Leadership Positions
- Member, Interventions Working Group, Richard King Mellon Foundation, 2016-present
- Participant, Focus Group, Increasing Shared Decision Making Across UPMC, 2018-present
- Co-Founder and CEO, Naima Health, LLC (electronic health interventions development company), 2018-present
- Member, Jewish Health Foundation Women’s Health Activist Movement Advisory Board, 2018-present
- Patent Co-Developer, Apparatus, system, and methods to monitor psychosocial health risks (provisional patent filed), October 2018
- Entrepreneurial Mentor, Jewish Health Foundation fellows, CMU students, 2018-2019
- Invited Participant, National Academy of Medicine Emerging Leaders in Health and Medicine Forum, Washington, DC, July 2019

Editorships
- Peer Reviewer, Medical Decision Making, PlosOne, PCORI, 2018-2019

Major Lectureships and Seminars
- Presenter, Magee-Womens Research Institute's Work-in-Progress (WIP)Conference &Research Seminar Series, September 2018
- Presenter, Mobile Sensing + Health Institute (MoSHI) Seminar Series, University of Pittsburgh, October 2018
- Presenter, Urban League of Greater Pittsburgh Lunch and Learn, November 2018
- Presenter, 4th Integrative Conference on Technology, Social Media, and Behavioral Health., University of Pittsburgh. Pittsburgh, PA, November 2018
- Presenter, Hillman Family Foundations Maternal/Child Health Convening, January 2019
- Presenter, General Internal Medicine Women’s Health Seminar Series, Pittsburgh, Pennsylvania, February 2019
- Presenter, The 7th Annual Adolescent and Young Adult Health Research Symposium, Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, March 2019
- Presenter, University of Pittsburgh Department of Medicine Research Day, Pittsburgh, Pennsylvania, April 2019
- Presenter, Pittsburgh Study Retreat, Children’s Hospital of Pittsburgh of UPMC, May 2019
- Presenter, Pittsburgh Life Sciences AI & Robotics Venture Fair, May 2019

Frank J. Kroboth, MD

Study Sections
- Abstracts judge, GME Leadership Conference, Academy of Master Educators Education Day, University of Pittsburgh School of Medicine, 2018-2019

Honors and Awards
- Honoree, Best Doctors in Pittsburgh, Pittsburgh Magazine, 2019

Colleen A. Mayowski, EdD, MLIS
Dr. Mayowski has published and presented on the use and prevalence of institution-level eportfolios for accreditation and outcomes assessment. Her current research interests focus on authorship and publication
ethics, and the assessment, evaluation, and impact of higher education programs.

**Melissa A. McNeil, MD, MPH**

Dr. McNeil’s research interests include the development and evaluation of innovations in medical education and in the care of women. She is the Director of the joint VA/University of Pittsburgh Women’s Health Fellowship and also serves as the Program Director for the NIH-sponsored Building Interdisciplinary Careers in Women’s Health grant, which is an institutional career development award for faculty members interested in developing research careers in women’s health. She has more than 50 peer-reviewed publications on diverse topics ranging from the evaluation of women’s health educational efforts, the impact of women’s health fellowships on career trajectory, an evaluation of the implementation of new breast cancer screening guidelines, and the evaluation of burnout in medical residents, with a particular interest on gender differences in burnout. In 2014, Dr. McNeil was named the Society of General Internal Medicine’s Distinguished Professor of Women’s Health in recognition of her wide-ranging and diverse initiatives in the field of women’s health.

**Advisory Committee Memberships and Leadership Positions**

- Member, American College of Obstetrics and Gynecology Task Force, Women’s Preventive Services Initiative, 2016-present
- Governor Elect, Western Pennsylvania ACP, 2018

**Editorships**


**Major Lectureships and Seminars**

- Workshop Presenter, Association of Program Directors in Internal Medicine, Orlando, FL, October 2018
- Invited speaker, Pennsylvania State ACP Meeting, Harrisburg, PA, December 2018

**Kathleen M. McTigue, MD, MPH, MS**

Dr. McTigue is interested in the prevention of chronic disease, with a focus on obesity, women’s health, and information technology. Her research interests are in the prevention of chronic disease, with a focus on obesity, women’s health, and information technology. She has considered both evidence-based clinical medicine and public health approaches to escalating U.S. weight trends. She led the development, implementation, and evaluation of the first online adaptation of the Diabetes Prevention Program’s lifestyle intervention. This work uses technology to bring evidence-based self-management support to primary care patients. Dr. McTigue’s work on improving the quality of patient care comprises a focus on the development of infrastructure for supporting patient-centered clinical research, via the PaTH Clinical Data Research Network, which is a member of the National Patient-Centered Clinical Research Network (PCORnet).

**Advisory Committee Memberships and Leadership Positions**

- Member, Obesity Interest Group, Society of General Internal Medicine, 2015-present
- Member, PCORnet Council, National Patient-Centered Clinical Research Network (PCORnet), 2015-present
- Member, Department of Medicine Appointments and Promotions Committee, 2017-present
- Panel Chair, Obesity Week 2018, Nashville, TN, November 2018
- Member, PCORnet 2.0 Steering Committee, National Patient-Centered Clinical Research Network (PCORnet), 2018-present
Dr. Jessica S. Merlin’s research focuses on chronic pain in people living with HIV (PLWH), and more generally, individuals with comorbid mental illness and addiction. She currently holds a K23 career development award from the National Institute of Mental Health to develop and pilot test a behavioral intervention for chronic pain in PLWH, and earned a PhD in health behavior in 2017 to supplement these pursuits. She is the PI of the first large-scale national study of chronic pain epidemiology in PLWH, and also leads projects relating to roles of pain sensitivity and inflammation in chronic pain pathogenesis among PLWH and management approaches to concerning behaviors that arise among individuals on long-term opioid therapy.

Jessica S. Merlin, MD, PhD, MBA

Dr. Merlin’s research interests include improving the care of individuals with limited English proficiency and inter-professional, team-based care in the inpatient and outpatient settings.

Tanya Y. Nikiforova, MD, MS

Dr. Nikiforova’s research interests include improving the care of individuals with limited English proficiency and inter-professional, team-based care in the inpatient and outpatient settings.

Alexandra E. C. Mieczkowski, MD, MS

Dr. Mieczkowski’s research interests are educational, focusing on trainee autonomy and wellness, and, in particular, trainee financial wellness.

Sarah B. Merriam, MD

Dr. Merriam’s research interests are educational, focusing on trainee autonomy and wellness, and, in particular, trainee financial wellness.

Major Lectureships and Seminars

- Presenter, Patient-Centered Outcomes Research Institute (PCOR) Annual Meeting Afternoon Plenary Session, Washington, D.C., November 2018

Advisory Committee Memberships and Leadership Positions

- Founding Chair, American Pain Society Primary Care Shared Interest Group, 2014-present
- Co-Chair, Association for Medical Education and Research in Substance Abuse Conference Abstract Committee, 2017-present
- Member, Awards Committee, American Pain Society, 2018
- Member, Review Committee, Center to Advance Palliative Care Opioid Course, 2018-present

Editorships

- Reviewer, Clinical Journal of Pain, 2010-present
- Associate Editor, Pain Medicine, 2012-present

Major Lectureships and Seminars

- Invited Speaker, Medicine Grand Rounds, University of Pittsburgh Medical Center, Pittsburgh, PA, 2018
- Invited Speaker, Vermont Center on Behavior and Health Conference, Burlington, VT, 2018
- Invited Speaker, Infectious Diseases Society of America Fellows’ Conference, Naples, FL, November 2018
- Invited Speaker, Workshop on Pain and Symptom Management for People with Serious Illness in the Context of the Opioid Epidemic, The National Academies of Sciences, Engineering, and Medicine, Washington, DC, November 2018
- Invited Speaker, University of Pittsburgh Medical Center Pain and Addiction Conference, Pittsburgh, PA, December 2018
- Invited Speaker, Emory University, Palliative Care Grand Rounds, Atlanta, GA, 2019
- Invited Speaker, International Antiviral Society-USA Improving the Management of HIV Disease Advanced Course, Washington, DC, April 2019
Sarah B. Merriam, MD
Dr. Merriam’s research interests include curriculum development and evaluation, as well as leadership and faculty development.

**Study Sections**
- Reviewer, Clinical Vignettes, American College of Physicians Western Pennsylvania Regional Scientific Meeting, 2015-present
- Reviewer, Women’s Health Oral Abstract Award, Women in Medicine Task Force, Society of General Internal Medicine Annual Meeting, 2016-present
- Reviewer, Medical Education Research Abstracts, Society of General Internal Medicine Annual Meeting, 2016-present

**Advisory Committee Memberships and Leadership Positions**
- Member, Women and Medicine Commission, Society of General Internal Medicine, 2017-present

**Editorships**
- Ad Hoc Reviewer, *Journal of General Internal Medicine*, 2017-present
- Ad Hoc Reviewer, *Teaching and Learning in Medicine*, 2017-present

**Major Lectureships and Seminars**
- Invited Presenter, Society of General Internal Medicine Annual Meeting, April 2019
- Invited Presenter, Academy of Master Educators, University of Pittsburgh School of Medicine, May 2019
- Invited Presenter, Department of Medicine Grand Rounds, June 2019

Alexandra E. C. Mieczkowski, MD, MS
Dr. Mieczkowski’s research interests are educational, focusing on trainee autonomy and wellness, and, in particular, trainee financial wellness.

**Study Sections**
- Workshop Reviewer, Society of General Internal Medicine, 2015-present

**Professional Affiliations and Society Memberships**
- Fellow, American Academy of Pediatrics, 2013-present

**Editorships**
- Reviewer, *Journal of General Internal Medicine*, 2015-present

Tanya Y. Nikiforova, MD, MS
Dr. Nikiforova’s research interests include improving the care of individuals with limited English proficiency and inter-professional, team-based care in the inpatient and outpatient settings.

**Study Sections**
- Reviewer, Clinical vignettes, ACP Western Pennsylvania Annual Regional Meeting, 2018-2019
- Poster Judge, Department of Medicine Annual Research Day, 2018-2019
- Reviewer, Clinical vignettes, 2018 SGIM Mid-Atlantic Regional Meeting, Morristown, NJ, November 2018
• Reviewer, Workshops, clinical vignettes, SGIM National Meeting, Washington, DC, May 2019

**Editorships**

• Peer Reviewer, *AAIM Perspectives in the American Journal of Medicine*, Medical Education Theme Issue in *Journal of General Internal Medicine*, *Journal of General Internal Medicine*, 2018-2019

**Major Lectureships and Seminars**

• Presenter, University of Pittsburgh Department of Medicine Annual Update in Internal Medicine, October 2018
• Presenter, Division of General Internal Medicine Grand Rounds, University of Pittsburgh School of Medicine, February 2019

**Marie K. Norman, PhD**

Dr. Norman’s research interests include the application of research-based learning principles to teaching (whether face-to-face or online), the uses of video for learning, factors affecting faculty satisfaction and retention, and cross-cultural issues in education. She co-authored the book, *How Learning Works: Seven Research-Based Principles for Smart Teaching*, which has been translated into seven languages and is used widely as a teaching resource in higher education. Dr. Norman speaks regularly about teaching and learning and writes a blog for *Synapse*, an education publication on the blogging platform, Medium.

**Advisory Committee Memberships and Leadership Positions**

• Member, External Advisory Board, Washington University Clinical Research Training Center, 2018-present
• Member, External Advisory Board, Penn State University Clinical and Translational Science Institute, 2018-present

**Editorships**

• Editorial Board Member, *Faculty Focus*, 2018-present
• Editorial Board Member, *College Teaching*, 2018-present

**Major Lectureships and Seminars**

• Presenter, STAR Academy Summer Workshops in Clinical Research 2018: Communication in Science, Icahn School of Medicine at Mt. Sinai, July 2018
• Presenter, Center for Doctoral and Postdoctoral Career Development, University of Pittsburgh, August 2018
• Presenter, Center for Health Equity Research Promotion, VA Pittsburgh Healthcare System, August 2018
• Presenter, Penn State Berks 60th Anniversary Teaching Symposium, September 2018
• Presenter, Medical University of South Carolina, October 2018
• Presenter, University of Pittsburgh Assessment and Teaching Conference, January 2019
• Presenter, Department of Pediatrics, United Fellows Seminar Series, University of Pittsburgh, February 2019
• Presenter, School of Dental Medicine Teaching and Learning Seminar Series, University of Pittsburgh, February 2019
• Presenter, Faculty Training Workshop, University of Pittsburgh – Greensburg, May 2019

**Natasha K. Parekh, MD**

Dr. Parekh’s research interests include assessing the impact of varying healthcare delivery and payment models on clinical, cost, utilization, and satisfaction outcomes; designing and implementing value-based
payment models, specifically related to medications; exploring the value of medications in the context of rising drug costs; women's health issues; and social determinants of health.

**Study Sections**
- Reviewer, Essay Contest, Consortium of Universities for Global Health National Conference, 2015-2018

**Advisory Committee Memberships and Leadership Positions**
- Member and UPMC Representative, Pharmacy Quality Alliance Research Coordinating Committee Representative (PQA RCC), 2017-2019

**Editorships**

**Major Lectureships and Seminars**
- Invited Presenter, Grand Rounds, UPMC Passavant, Pittsburgh, PA, January 2019
- Invited Presenter, Health Services Research Seminar Series, University of Pittsburgh, Pittsburgh, PA, January 2019
- Invited Presenter, Podium Presentation, International Society of Pharmacoeconomics and Outcomes Research Annual Conference, New Orleans, LA, May 2019
- Presenter, Society of General Internal Medicine Annual Meeting, Washington, DC, May 2019

**Honors and Awards**
- Recipient, Best Podium Presentation (New Investigator category), International Society for Pharmacoeconomics and Health Outcomes Research Annual Conference, New Orleans, Louisiana, May 2019
- Nominee, Hamolsky Award Finalist, Society of General Internal Medicine Annual Meeting, Washington, DC, May 2019

**Seo Young Park, PhD**

**Study Sections**
- Reviewer, Clinical Research on Mind-Body Interventions Study Section, National Center for Complementary and Integrative Health (NCCIH), 2018

**Editorships**
- Reviewer, *BMJ Open*, 2014-present
- Deputy Statistical Editor, *Journal of Thoracic and Cardiovascular Surgery*, 2017-present

**Lisa M. Podgurski, MD**
Dr. Podgurski’s research interests focus on physician wellbeing, in particular involving mindfulness-based interventions, and on faculty development initiatives, especially as medical educators. She is also interested in assessment of educational interventions in early longitudinal patient contact for medical students and in communication and palliative care at all levels.

**Advisory Committee Memberships and Leadership Positions**
- Member, Planning Committee, Inaugural Physician Well-Being Symposium, UPMC, 2018-2019
- Member, UPMC Physician Wellbeing Committee, 2019

**Editorships**
- Reviewer, *Supportive Care in Cancer*, 2019
Ruth M. Preisner, MD
Dr. Preisner’s research focuses on finding the best way to employ simulation for learning procedures that are commonly performed by internists.

Brian A. Primack, MD, PhD*
Dr. Primack has been the principal investigator on multiple federal grants from NCI, NIDA, and AHRQ, and he has also been a co-investigator on multiple NIH research projects funded by NICHD. The diversity of these award sources reflects his multifaceted research interests, his penchant for collaboration, the marketability of his innovative ideas, and his passion for bridging disciplines. Dr. Primack is broadly interested in improving interpersonal communication, health care, and health outcomes in an increasingly technological and media-driven world. This includes trying to improve the patient-provider bond, reducing mental health problems, and decreasing addiction. His work in these areas has been published in a wide variety of leading peer-reviewed journals in public health, medicine, and social science, including American Journal of Public Health, American Journal of Preventive Medicine, Journal of the National Cancer Institute, Preventive Medicine, JAMA Pediatrics, JAMA Psychiatry, Public Health Reports, Tobacco Control, Journal of Adolescent Health, American Journal of Health Promotion, and Addiction.

Advisory Committee Memberships and Leadership Positions
- Member, Biobehavioral Research Program, University of Pittsburgh Cancer Institute, 2008-2019
- Member, Council of Deans, University of Pittsburgh, 2017-2019
- Member, Undergraduate Education Task Force, University of Pittsburgh, 2017-2019
- Member, Special Committee for Honors Convocation, Commencement Speakers, and Honorary Degree Recipients, 2017-2019
- Member, Provost’s Advisory Committee on Undergraduate Programs, University of Pittsburgh, 2017-2019
- Member, Enrollment Management Committee, University of Pittsburgh, 2017-2019
- Co-Chair, Emma W. Locke Memorial Award Selection Committee, University of Pittsburgh, 2017-2019

Professional Affiliations and Society Memberships
- Elected Member, American Society for Clinical Investigation, 2019

Editorships
- Ad hoc Reviewer, Tobacco Research, 2005-2019

Major Lectureships and Seminars
- Keynote Presenter, Kelley School of Business, Indianapolis, IN., October 2018
- Presenter, Association of Medicine and Psychiatry Meeting, Chicago, IL, October 2018
- Presenter, Society of Behavioral Medicine Meeting, Washington, D.C., March 2019
- Presenter, Society of Adolescent Health and Medicine Meeting, Washington, D.C., March 2019
- Keynote Presenter, Institute for Clinical Research Education Commencement Speaker, May 2019

Honors and Awards
- Awardee, Article of the Year 2017, American Journal of Preventive Medicine, July 2018

Thomas R. Radomski, MD, MS
Dr. Radomski is a practicing general internist and health services researcher. His research focuses on ways to accurately measure and reduce low-value care and how the receipt of care across multiple healthcare systems
influences health service utilization, outcomes, and value. As a General Medicine Fellow, Dr. Radomski applied innovative methods to study the dual use of VA and non-VA care. Specifically, he used latent class analysis to characterize and evaluate outcomes associated with Veterans’ use of both VA and Medicare health services, and adapted a medication-based risk adjustment method in order to overcome limitations of claims-based risk adjustment using ICD-9 codes. Currently, Dr. Radomski is a NIH KL2 Scholar within the University of Pittsburgh’s Clinical and Translational Scholars Program. He is studying the prevalence and determinants of low-value test and procedure use among Veterans, with a focus on the dual use of VA and Medicare services. He is also interested in the value of prescription drug use in older adults, and is developing, validating and applying a patient-centered metric of low-value prescribing (LVP) using administrative data. He has lead and participated in research supported by the Health Resources and Services Administration, National Institutes of Health, and VA Health Services Research & Development. His work has been published in the Annals of Internal Medicine, Journal of General Internal Medicine, and American Journal of Public Health.

Study Sections
- Abstract and Workshop Reviewer, National and Mid-Atlantic Regional Meetings, Society of General Internal Medicine, 2013-present

Advisory Committee Memberships and Leadership Positions
- President, Society of General Internal Medicine Mid-Atlantic Region, 2017-present
- Member, SGIM Board of Regional Leaders, 2017-present
- Chair, 2019 Meeting of the Society of General Internal Medicine Mid-Atlantic Region, 2018-2019

Editorships
- Reviewer, Journal of General Internal Medicine, Medical Care, JAMA Internal Medicine, 2018-2019

Major Lectureships and Seminars
- Invited Speaker, University of Pittsburgh Health Services Research Seminar, 2019
- Invited Speaker, University of Pittsburgh Department of Medicine Research Day Oral Presentation, 2019

Honors and Awards
- Oral Presenter Award, University of Pittsburgh Department of Medicine Research Day, 2019

Bruce L. Rollman, MD, MPH
Dr. Rollman’s research focuses on developing novel interventions to treat mood and anxiety disorders in primary care and cardiac settings. He has been PI on six federally funded R01 clinical trials, Co-I on many other projects, published over 100 scientific papers, and holds 4 U.S. patents. In 2015, he launched the Center for Behavioral Health and Smart Technology to mentor and support the careers of talented new and junior investigators (http://www.healthtech.pitt.edu/), and he is the immediate past-president of the American Psychosomatic Society whose goals are to advance the scientific study of biological, psychological, behavioral and social factors in health and disease.

Study Sections
- Member, Special Emphasis Panel, Communication Disorders Review Committee (CDRC), NIDCD, 2018
- Member, Special Emphasis Panel, ZMH1 ERB-D (07) S, HEAL Collaborative Care for Dual Diagnosis, NIMH, 2019

Advisory Committee Memberships and Leadership Positions
• Founding Director, Center for Behavioral Health and Smart Technology, University of Pittsburgh, 2015-present
• Member, Innovation Core Advisory Board, Clinical and Translational Science Institute, 2018-present
• Member, Scientific Advisory Board, Pitt Health Lifestyle Institute, 2018-present
• President, American Psychosomatic Society, 2018-2019
• Center Co-Director, ETUDES Center to Prevent Adolescent Suicide (NIMH P50), 2018-2022
• Chair and Host, 11th Scientific Meeting, International Society for Research on Internet Interventions, Pittsburgh, PA, 2019-2020
• Elected Member, Executive Committee of the Faculty, University of Pittsburgh School of Medicine, 2019-2022

Editorships
• Editorial Board Member, Psychosomatic Medicine, 2004-present
• Editorial Board Member, General Hospital Psychiatry, 2011-present

Major Lectureships and Seminars
• Visiting Professor, Department of Psychiatry Grand Rounds, University of Vermont, Burlington, VT, September 2018
• Visiting Professor, University of Gottingen, Gottingen, Germany, October 2018
• Presenter, Behavioral Medicine Research Council Founding Conference, Washington, D.C., December 2018
• Plenary Presentation, Presidential Address, American Psychosomatic Society. Vancouver, B.C., March 2019
• Plenary Presentation, American College of Cardiology 68th Annual Scientific Session, New Orleans, LA, March 2019

Ann-Marie Rosland, MD, MS
Dr. Rosland leads health care research and initiatives aiming to: improve health care and self-management support for diabetes and other chronic conditions; mobilize the power of patients' social networks to improve health; innovate in care management and coordination for complex patients; and understand impacts of changes in primary care organization and policy.

Dr. Rosland focuses on innovations in care for chronic health conditions. Dr. Rosland is the Principal Investigator for a VA HSR&D funded 4-year study to determine how the CO-IMPACT intervention improves patient engagement and lowers risk for diabetes complications, through technology-enhanced coaching of patients along with supportive family members. She is also the Principal Investigator of an NIH NIDDK funded 5-year study examining the impacts of the Family Action for Health (FAM-ACT) program, in partnership with the REACH Detroit Collaborative. In FAM-ACT, Community Health Workers train family members of adults with diabetes in effective support techniques, with the goal of making successful diabetes management easier for patients to achieve and to sustain.

Dr. Rosland also studies health system efforts to improve primary care delivery. As part of the national VA patient centered medical home (PCMH) initiative, Dr. Rosland leads a national workgroup investigating the impact of PCMH on care for high-risk patients, and is developing a new 'smart' tool that uses health system data to facilitate effective PCMH care management for complex patients.

Dr. Rosland's work draws on her expertise in health intervention design and evaluation, health behavior change, social and family support, primary care organization, and Participatory Research.
Study Sections
- Grant Peer Reviewer, Pilot Grants, Center for Health Equity Research and Promotion, VA Pittsburgh, June 2019

Advisory Committee Memberships and Leadership Positions
- Member, VA National Caregiving Research Special Interest Group, 2010-present
- Lead, VA Primary Care National High-Risk Investigator Workgroup, 2014-present
- Member, three advisory panels for VA HSR&D Merit and Career Development Awards, 2017-present
- Member, VA Primary Care Services National Analytic Team Leadership Council, 2018-present
- Member, High Cost High Needs Populations Theme Organizing Committee, Academy Health Annual Meeting, Washington, D.C., June 2019

Editorships

Major Lectureships and Seminars
- Presenter, 40th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C., March 2019

Scott D. Rothenberger, PhD
Dr. Rothenberger’s statistical interests include time series methods, state-space modeling, functional data analysis and the analysis of functional correlations. More recently, he has developed an interest in the design, analysis, and data coordination of clinical trials. He has collaborated on studies in areas such as sleep medicine, chronobiology, pregnancy care, periprosthetic joint infection, and mood and anxiety disorders. He also enjoys working with clinician educators and recipients of DGIM awards, as well as providing statistical support for the Clinical and Translational Science (CTS) Fellowship (TL1) program.

Study Sections
- Biostatistical Reviewer, National Center for Complementary and Integrative Health (NCCIH) Special Emphasis Panel, Study Section, Exploratory Clinical Trials of Mind and Body Interventions (R34 and U01), NIH Center for Scientific Review, July 2018

Advisory Committee Memberships and Leadership Positions
- Co-Director, Division of General Internal Medicine Fellow and Faculty Awards Steering Committee (statistical review of grant applications), 2018-present
- Lead Biostatistician, KL2 Clinical and Translational Science Scholars Program, Institute for Clinical Research Education, 2018-present

Major Lectureships and Seminars
- Presenter, Medical Education Research and Innovative Design (MERMAID) Conference, Division of General Internal Medicine, February 2019

Doris M. Rubio, PhD
Since joining the University in 2002, Dr. Rubio has collaborated on numerous research grants across several fields, serving in a leadership role on the majority of these projects. Her research is diverse, and her grants have been funded by multiple institutes and centers at NIH, as well as the National Research Mentoring Network. Dr. Rubio focuses much of her current research on diversifying the workforce. She is the director of two federally funded grants that aim to help trainees from diverse backgrounds launch and sustain successful
careers in the biomedical sciences. In addition, she has investigated and published in fields such as psychometrics, structural equation modeling, quality-of-life indicators, alcoholism, and career development. During her career, she has published more than 85 peer-reviewed articles in well-respected, high-impact journals.

**Study Sections**

- Ad hoc Member, Education Review Panel, National Center for Complementary and Integrative Health, National Institutes of Health, 2010-present
- Reviewer, Special Emphasis Panel, National Center for Complementary and Integrative Health, 2016-present
- Reviewer, Special Emphasis Panel, National Institute of General Medical Sciences (NIGMS), National Institutes of Health, 2018
- Reviewer, Special Emphasis Panel, National Center for Advancing Translational Sciences (NCATS), National Institutes of Health, 2018
- Reviewer, Exploratory Clinical Trials, National Center for Complementary and Integrative Health (NCCIH), National Institutes of Health, 2018

**Advisory Committee Memberships and Leadership Positions**

- Chair, External Advisory Board, University of Michigan CTSA, 2012-present
- Member, Nominations Committee, Association for Clinical and Translational Science, 2012-present
- Chair, External Advisory Committee, Duke University CTSA, 2014-present
- Appointed Member, School of Medicine Executive Committee, 2016-present
- Member, External Advisory Committee, Indiana University CTSA, 2016-present
- Member, External Advisory Committee, Georgia CTSA, 2016-present
- Member, External Advisory Board, Penn State University CTSA, 2016-2018
- Member, Education Committee, Association for Clinical and Translational Science, 2017-present
- Member, Clinical and Translational Science Association (CTSA) Program Evaluators Committee, 2017-present
- Member, Selection Committee for Coro Pittsburgh, 2018
- Member, External Advisory Committee, University of Puerto Rico CRECD, 2018-present
- Co-Leader of Education and Training, Burroughs Wellcome Fund Physician Scientist Institutional Award, 2018-present
- Member, American Evaluation Association – Translational Research Evaluation Topical Interest Group, 2018-present
- Selected Member, CTSA Program Steering Committee STARWORK Task Force, Clinical and Translational Science Association (CTSA) Consortium, 2018-present
- Selected Member, Association of American Medical Colleges (AAMC) Physician Scientist Training and Career Development Home Committee, 2018-present
- Member, Women’s Health Reproductive Research (WRHR) External Evaluation Advisory Committee, NICHD, 2019-present

**Editorships**

- Editorial Board Member, *Journal of Clinical and Translational Science*, 2017-present
- Ad hoc reviewer, *Academic Medicine, Evaluation & the Health Professions*, 2018-2019

**Major Lectureships and Seminars**

- Presenter, 2018 School of Medicine Mentor Matching Mixer, July 2018
Rebecca L. Sands, DO

Advisory Committee Memberships and Leadership Positions
- Director, Palliative Care Grand Rounds Series, 2014-present
- Member, American Academy of Hospice and Palliative Medicine Fellowship Grant Advisory Group, 2018-2019

Major Lectureships and Seminars
- Lecturer, Medicine Grand Rounds, UPMC Shadyside, 2018

Jane O. Schell, MD

Dr. Schell’s research centers on physician communication skills training. She has developed and measured outcomes for a communication curriculum for nephrology fellows on palliative care topics.

Advisory Committee Memberships and Leadership Positions
- Member, Coalition for the Supportive Care of Kidney Patients, 2013-present
- Ambassador, Supportive Care, American Society of Nephrology, 2016-present
- Chair and Co-Founder, Kidney Special Interest Group, American Academy of Hospice and Palliative Medicine, 2017-present

Professional Affiliations and Society Memberships
- Fellow, National Kidney Foundation, 2016-present

Editorships
- Editorial Board Member, American Journal of Kidney Disease, 2016-present
- Editorial Board Member, Clinical Journal of American Society of Nephrology, 2018-present

Honors and Awards
- Recipient, Hastings Center Cunniff-Dixon Physician Award, 2018

Yael Schenker, MD, MAS

Since joining the Department of Medicine in 2010, Dr. Schenker has collaborated on numerous palliative care research projects. Her primary focus is understanding and improving provision of primary palliative care in oncology. Using mixed methods, her work has uncovered barriers to receipt of specialty palliative and has led to the development and evaluation of a nurse-led primary palliative care intervention called CONNECT. Dr. Schenker has also published widely on topics, including surrogate decision making, informed consent, healthcare advertising, and language barriers.

Study Sections
- Abstract Reviewer, Society of General Internal Medicine National Meeting, 2009-present
- Grant Reviewer, Center for Research on Health Care Internal Scientific Grant Review Committee, University of Pittsburgh, 2014-present
- Reviewer, National Institute on Minority Health and Health Disparities Loan Repayment Program applications, 2018-present
- Abstract Reviewer, Judge, Department of Medicine Research Day, 2018-2019
- Member, Scientific Review Committee, Annual Career Development Award, Pilot Exploratory
Funding Mechanism, National Palliative Care Research Center, 2019-present

Advisory Committee Memberships and Leadership Positions
• Associate Director, Team Science, University of Pittsburgh Clinical and Translational Science Institute, 2017-present
• Member, National Post-doctoral Palliative Care Research Training Collaboration Planning Committee, 2018-2019

Editorships
• Peer Reviewer, Palliative Care Topics, UpToDate, 2018-present

Major Lectureships and Seminars
• Invited Lecturer, Cedars Sinai Medical Center, Los Angeles, CA, July 2018
• Invited Lecturer, Palliative and Supportive Institute, UPMC, Allison Park, PA, August 2018

Gaetan S. Sgro, MD
Dr. Sgro is a leader in quality improvement, the medical humanities, and narrative medicine. His scholarly work aims to cultivate patient-centeredness, promote positive professional identity formation, and increase fulfillment in the work of doctoring through storytelling and the arts.

Editorships
• Reviewer, The American Journal of Medicine Perspectives, 2017-present
• Associate Editor, SGIM Forum, 2017-present

Major Lectureships and Seminars
• Invited Lecturer, Medical Humanities Presents series, University of Pittsburgh – Johnstown, November 2018
• Invited Speaker, Society of General Internal Medicine (SGIM) 2019 National Meeting, Washington, DC, May 2019
• Invited Speaker, Update in General Internal Medicine, Department of Medicine Grand Rounds, University of Pittsburgh School of Medicine, 2019

Kenneth J. Smith, MD, MS
Dr. Smith is a Professor of Medicine and Clinical and Translational Science and a core faculty member of the Center for Research on Health Care at the University of Pittsburgh. His research centers on the cost-effectiveness of common medical interventions, most notably on pneumococcal, influenza, and varicella vaccination and on the impact of racial disparities in vaccination rates. He has published in many other areas, including pelvic inflammatory disease, influenza management strategies, diabetes prevention and treatment, VA formulary decisions, anticoagulation and thrombotic disorder management, and hospital-physician communication. In addition, Dr. Smith is Deputy Editor of the journal Medical Decision Making.

Carla L. Spagnoletti, MD, MS
Dr. Spagnoletti’s research interest is in the field of medical education, with focus on patient-doctor communication, the patient experience, and professional development. In addition to leading and mentoring numerous medical education research projects, she has obtained and has mentored many others to obtain competitive funding through divisional, institutional, and foundational sources for scholarly educational work.

Study Sections
• Abstract reviewer, Department of Medicine Research Day, 2017-present
• Deputy Judge, Department of Medicine Research Day, University of Pittsburgh School of
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Dr. Smith is Deputy Editor of the journal Medical Decision Making. His research centers on the cost-effectiveness of common medical interventions, most notably on pneumococcal, influenza, and varicella vaccine effectiveness studies, and VA formulary decisions, anticoagulation and thrombotic disorder management, and hospital-physician relationships.

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Brielle M. Spataro, MD, MS

Dr. Spataro’s research interest include resident resiliency. Her previous research topics have included looking at gender differences in burnout and coping mechanism use, as well as studying differences in coping mechanism use throughout residency.

Jamie L. Stern, MD, MPH

Dr. Stern’s research interests include women’s health and reproductive health. She has presented on topics related to women’s health conference, UPMC, 2018, and lectured on delegation to Kazakhstan, University of Pittsburgh School of Medicine, August 2018.

Advisory Committee Memberships and Leadership Positions

Major Lectureships and Seminars

Honors and Awards

Advisory Committee Memberships and Leadership Positions

Major Lectureships and Seminars

Honors and Awards
Dr. Tabas is interested in studying Bayesian virtual patient design to teach the management of diabetic safety, quality improvement, and interdisciplinary collaboration.

Gary H. Tabas, MD

Dr. Szymusiak’s research interests include medical education of medical students and residents, patient safety, quality improvement, and interdisciplinary collaboration.

John A. Szymusiak, MD, MS

Dr. Switzer is an expert regarding the motives and experiences of individuals who join an adult stem-cell donation registry and volunteer to donate to a stranger. In collaboration with the U.S.-based National Marrow Donor Program, U.K.-based Anthony Nolan Registry, and German-based D.K.M.S., his research group has become internationally known for its findings about registry members' experience at critical points leading to donation, as well motivations for joining the registry and factors associated with opting-out after having preliminarily matched a patient in need of a transplant. Dr. Switzer has also investigated the donation experience from the donor perspective. Finally, for more than 20 years, he has developed and evaluated clinical and psychosocial research measures and compiled validated measures for research projects across multiple contexts.

Galen E. Switzer, PhD

Dr. Tilstra has participated in several medical education research projects. Her main research interests include clinical reasoning, physician wellness, burnout and coping, curriculum development and evaluation, and the state of women in academic medicine.

Sarah A. Tilstra, MD, MS

Dr. Thomas seeks to conduct innovative, interdisciplinary, patient-centered clinical research that will improve the health and quality of life of women as they age. In particular, she is interested in understanding the physical and psychosocial factors that contribute to sexual dysfunction in midlife and in older women and developing behavioral treatment options for this population.

Holly N. Thomas, MD, MS

Jo-Anne L. Suffoletto, MD, MSc

Dr. Suffoletto is interested in studying how to improve health and health care for midlife and older women, focusing on the health and quality of life of women as they age. In particular, she is interested in understanding the physical and psychosocial factors that contribute to sexual dysfunction in midlife and in older women and developing behavioral treatment options for this population.

Andrew L. Thurston, MD

John M. Tilstra, MD

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ketoadiabiosis. He collaborates with Dmitriyi Babichenko in the University of Pittsburgh School of Information Science.

Advisory Committee Memberships and Leadership Positions
- Member, Shadyside Hospital Foundation Competitive Research Fund Review Committee, 2018-2019
- Presentation Group Member, Clinical Skills Workshop, American College of Physicians Internal Medicine Meeting, Philadelphia, PA, April 2019

Professional Affiliations and Society Memberships
- Master, American College of Physicians, 2017-present

Editors
- Editor, Annals Virtual Patients, Annals of Internal Medicine, and American College of Physicians, 2011-2019

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Study Sections
- Peer Reviewer, Women’s Health Scientific Abstracts and Workshops, SGIM National Meeting, 2013-present
- Peer Reviewer/Judge, University of Pittsburgh Department of Medicine Research Day, 2019

Advisory Committee Memberships and Leadership Positions
- Chair, North American Menopause Society mentoring program, 2019

Editors
- Peer Reviewer, Women’s Health Issues, Menopause, Journal of General Internal Medicine, 2018-2019

Major Lectureships and Seminars
- Invited Presenter, Magee Women’s Research Institute Works in Progress Conference, 2018
- Invited Presenter, Women’s Health Clinical Conference, University of Pittsburgh, November 2018

Andrew L. Thurston, MD

Editors
- Peer Reviewer, Journal of Supportive Care in Cancer, 2018-2019

Major Lectureships and Seminars
- Invited Presenter, 29th Annual Consortium Ethics Program Conference Plenary session, Oglebay Resort, WV, September 2018
- Invited Presenter, Pitt Medical Humanities Mondays, University of Pittsburgh School of Medicine, October 2018

Sarah A. Tilstra, MD, MS
Dr. Tilstra has participated in several medical education research projects. Her main research interests include clinical reasoning, physician wellness, burnout and coping, curriculum development and evaluation, and the state of women in academic medicine.
Dana L. Tudorascu, PhD

Dr. Tudorascu joined the faculty in 2011 as an Assistant Professor of Medicine and Biostatistics. She collaborates with investigators on design and analysis of clinical research projects. Her specific interests are in the analysis of structural MRI, functional MRI (task/resting state/connectivity), and PET data with applications in healthy aging population and patients with Alzheimer's disease. She is also interested in investigating and improving registration and classification methods for individuals with white-matter disease. In addition to neuroimaging analysis, Dr. Tudorascu is also the lead statistician on two clinical trials: a PCORI trial on spinal stenosis and a weight management trial (MAINTAIN). She received an Honorable Mention in 2014 from the Aging Institute at the University of Pittsburgh for investigating the potential mechanism of resilience to brain aging.

Advisory Committee Memberships and Leadership Positions

- Session Organizer and Speaker, Joint Statistical Meeting Conference, Vancouver, BC, Canada, July 2018
- Member, Organizing Committee, Annual Statistical Methods in Imaging Meeting, 2018-2019

Editorships

- Ad hoc Reviewer, Sex and Gender-Based Women's Health: A Practical Curriculum for Primary Care, 2018-present
• Independent Reviewer, Neuroimage, Neuroimage: Clinical, 2018-2019
• Ad hoc Reviewer, Statistics in Medicine, Psychiatry Research: Neuroimaging, 2018-2019

Major Lectureships and Seminars
• Ad hoc Reviewer, Depression and Anxiety, 2014-present
• Visiting Professor, Department of Medical Physics, University of Wisconsin, 2017-present
• Statistical Reviewer, Journal of Thoracic and Cardiovascular Surgery, 2017-present,
• Invited Speaker, Department of Mathematics and Statistics, West Virginia University, October 2018
• Invited Speaker, Department of Biostatistics, University of Pittsburgh, October 2018

Eloho O. Ufomata, MD, MS
Dr. Ufomata's research interests include curriculum development and evaluation in the areas of LGBTQ health, cross cultural communication and mentorship of trainees and faculty who are underrepresented in medicine.

Study Sections
• Reviewer, Clinical Vignette Abstracts, American College of Physicians Western Pennsylvania Regional Scientific Meeting, 2018

Professional Affiliations and Society Memberships
• Fellow, American College of Physicians, 2019

Editorships
• Ad hoc Reviewer, Journal of General Internal Medicine, 2016-present

Major Lectureships and Seminars
• Presenter, Department of Plastic Surgery Grand Rounds, University of Pittsburgh School of Medicine, 2019
• Presenter, Graduate Medical Education Committee, University of Pittsburgh School of Medicine, 2019
• Presenter, 1st Annual UPMC Physician Well-being Conference, University of Pittsburgh Medical Center, 2019
• Presenter, Morris Turner Lectureship Department of Obstetrics and Gynecology Grand Rounds, University of Pittsburgh School of Medicine, 2019
• Presenter, Grand Rounds, Division of General Internal Medicine, University of Pittsburgh School of Medicine, 2019
• Presenter, Diversity and Inclusion Panel, UPMC Health Plan, 2019
• Workshop Presenter, Alliance for Academic Internal Medicine (AAIM), Academic Internal Medicine Week, Philadelphia PA, April 2019
• Workshop Presenter, 41st Annual Meeting of the Society of General Internal Medicine, Washington, DC, May 2019

Reed W. Van Deusen, MD, MS

Study Sections
• Abstract Reviewer, Research in Medical Education Section, American Association of Medical Colleges, 2007-present

Advisory Committee Memberships and Leadership Positions
• Member, Curriculum Committee, Medicine-Pediatrics Program Directors Association, 2009-present
- Member, Transitions Committee, Medicine-Pediatrics Program Directors Association, 2011-present
- Member, Health Policy Committee, Society of General Internal Medicine, 2012-present
- Member, Young Adult with Special Health Care Needs Interest Group, Society of General Internal Medicine, 2013-present
- Board Member, Achieva, 2015-present

Rachel H. Vanderberg, MD

**Study Sections**
- Poster judge, Association of Program Directors in Internal Medicine Fall Meeting, Orlando, FL, October 2018

**Editorships**
- Reviewer, *Journal of General Internal Medicine*, 2018

**Major Lectureships and Seminars**
- Presenter, Association of Program Directors in Internal Medicine Fall Meeting, Orlando, FL, October 2018
- Presenter/Session Coordinator, Society of General Internal Medicine 42nd Annual Meeting, Washington D.C., May 2019

J. Deanna Wilson, MD, MPH

Dr. Wilson’s research interests include reducing substance use-related health disparities, with an emphasis on opioid use disorders in adolescent and adult populations. Her work includes integrating harm reduction into primary care settings, developing low threshold models of care to improve engagement and retention of vulnerable populations, and improving resilience and coping using mindfulness as a strategy to mitigate chronic pain.

**Advisory Committee Memberships and Leadership Positions**
- Junior Expert, Provider’s Clinical Support System–American Society of Addiction Medicine, 2018-2019

**Editorships**

**Major Lectureships and Seminars**
- Lecturer, Adolescent Medicine Grand Rounds, University of Pittsburgh School of Medicine, September & December 2018

Jonathan G. Yabes, PhD

Dr. Yabes is a statistician in the Center for Research on Health Care (CRHC) Data Center, and he collaborates with various investigators in the Schools of Health Sciences on diverse clinical research projects. His research has focused on the analysis of large administrative databases and the design, conduct, and analysis of clinical trials. He is involved in health services research of urologic oncology and acute illness, and he serves as a biostatistician in trials on renal disease, insomnia, diabetes, and critical care. Dr. Yabes has worked on several research studies on hematology, palliative care, and pediatrics. His methodological interest includes survival and competing risks-regression methods, analysis of longitudinal data, missing data techniques, and joint modeling.
Advisory Committee Memberships and Leadership Positions
- Director, Short Course for the Pittsburgh Chapter of the American Statistical Association, 2018

Editorships
- Reviewer, Pre-Hospital Emergency Care, 2014-present
- Reviewer, BMJ Open, BMC Medicine, Journal of International Medical Research, Pre-Hospital Emergency Care, 2018-2019

Lan Yu, PhD
Dr. Yu’s research has focused on applying advanced psychometric theories such as item-response theory and structural equation modeling to health-related outcomes. She has been the lead psychometrician for the NIH Roadmap Initiative, Patient-Reported Outcome Measurement Information System (PROMIS) Pittsburgh research site since 2007. Her research interests include large survey data, secondary data analysis, psychometrics, and item-bank development for various patient-reported outcomes.

Study Sections
- Reviewer, Internal Grants, Department of Psychiatry Research Committee, 2010-present

Editorships
- Peer Reviewer, PCORI Research Report, 2018
- Ad Hoc Reviewer, Behavior Research Methods, Drug Use and Dependence, Sleep, Assessment, 2018-2019
TEACHING ACTIVITIES

Educational leadership in internal medicine for our medical students and residents is housed in the DGIM.

In addition, the Vice Chair of Education for the Department of Medicine, Dr. Melissa McNeil, is a DGIM faculty member, and other DGIM faculty serve on the Advisory Board of the medical school’s Clinical Science Training Program. Moreover, in May 2019 DGIM faculty member Gregory Bump, MD, MS, FACP, was appointed the Designated Institutional Official (DIO) for UPMC Medical Education and Chair of UPMC’s Graduate Medical Education Committee. The DIO oversees all institutionally sponsored and accredited residency and fellowship programs in Medicine, Pharmacy, Dental Medicine, and Podiatry within UPMC Medical Education—a total of 134 programs that together educate more than 1700 trainees annually. DGIM also houses the Institute for Clinical Research Education, which offers degree (M.S.) and certificate programs in Medical Education (directed by Dr. Carla Spagnoletti) and in Clinical Research (directed by Dr. Doris Rubio).

DGIM faculty members have extensive roles in all phases of the education of medical students. Dr. Thomas Painter serves as the Director of Medical Student Education and directs the third-year clerkship and the acting internship, and oversees all internal medicine elective offerings. Division members hold major administrative roles at the medical school, direct multiple courses across all four years of the curriculum, and teach and mentor students. Division faculty generated over 19,000 education credit units for the School of Medicine. Twenty faculty members within the DGIM are currently members of the Academy of Master Educators, and Dr. Michael Elnicki is currently serving as the Director of the Academy. DGIM faculty are routinely honored by the medical school, and this year the following awards were received by DGIM faculty:

- Scott R. Herrle, MD: Kenneth E. Schuit Award Recognizing the Dean’s Master Educators
- Jennifer Rodriguez, MD, and John A. Szymusiak, MD: Clerkship Preceptor of the Year
- Allison S. DeKosky, MD: Clinical Educator of the Year Award
- Peggy B. Hasley, MD, and Linda A. King, MD: William I. Cohen Award for Excellence in Clinical Skills Instruction
- Raquel A. Buranosky, MD: Award for Outstanding Mini-Elective
- Eloho Ufomata, MD, MS: Outstanding Early Career Educator Award

In addition, Dr. Ufomata was appointed in FY2019 to serve as an Advisory Dean. She joins two other DGIM faculty members who are currently Advisory Deans: Dr. Alda Maria Gonzaga and Dr. Reed Van Deusen.

The Internal Medicine Residency Program, under the direction of Dr. Jen Corbelli, continues to excel in recruitment and curricular innovation. The Internal Medicine Residency prioritizes individualized training within the various tracks and programs that the DGIM offers, which include the Generalist Track (Director: Peg Hasley), the Geriatrics Track (Dir: Rollin Wright), the Global Health Track (Dir: Thuy Bui), the Women’s Health Track (Dir: Sarah Tilstra), and the Clinical Science Track (Dir: Kathleen McTigue). The residents are all...
involved in scholarly work organized by the Leadership and Discovery Program (LEAD) program under the direction of Dr. Jessica Merlin, who was appointed Associate Program Director for Research in July 2019. The residency also offers a robust and growing Certificate in Medical Education, a two-year program for residents interested in developing teaching skills, directed by Drs. Melissa McNeil and Thomas Grau. Diversity efforts have focused on recruitment and mentoring of underrepresented minorities under the direction of Dr. Gonzaga. Also new this year were the inclusion of two off-service residency retreats that focused on wellness and leadership. The excellence of the training program allowed another outstanding class of interns to be recruited, including 20 AOA members and 4 underrepresented minorities, and a record-high 31 peer schools. Our average Step 1/Step 2 scores are 242/255 respectively. Division members continue to focus on a number of priorities to maintain the training program’s excellence, including the following: Interdisciplinary code training in both the inpatient and the outpatient setting; point-of-care ultrasound curricula; expansion of the LEAD research program and development of a research interest group; creation of a new inpatient medicine ward team; and new education in addiction medicine including a new addiction medicine elective. Our residents have been honored both locally and nationally: Steve Fox is one of six recipients (out of all UPMC residents) to win the Gold Foundation Humanism and Excellence in Teaching Award, and Jesse Solomon, Ricardo Nieves, and Richard Zou were selected by UPSOM students among all UPMC residents to win the AOA teaching award. Richard Zou also won the Gold Foundation Humanism and Excellence in Teaching Award, chosen among all UPMC residents, and the American College for Physicians Award for Professionalism. Faculty from the DGIM have presented over 25 workshops nationally at either SGIM or APDIM in the last 12 months.

The Division has also seen continued success and expansion in the Institute for Clinical Research Education (ICRE), the Education and Training Core of the Clinical and Translational Science Institute. As noted previously, the ICRE had a leadership change during FY2019, with Dr. Doris Rubio, who had served as Co-Director since 2007, succeeding as Director after Dr. Wishwa Kapoor. The ICRE has programs for medical students, residents, doctoral students, and other graduate students. Since 2005, the ICRE has offered, in total, 19 academic (certificate, master’s, and doctoral) and career development programs, which have collectively trained more than 1,000 investigators at all career stages and have more than 300 currently enrolled students. Moreover, the ICRE has expanded its scope of career development and critically emphasized diversifying the biomedical workforce. In FY2019, the ICRE had 15 students in the PhD in Clinical and Translational Science program, 61 students in the Master of Science in Clinical Research degree program, 38 in the Certificate in Clinical Research program, 38 in the Master of Science in Medical Education degree program, and 13 in the Certificate in Medical Education program.

The ICRE and Director Dr. Doris Rubio also received funding during FY2019 to develop two new career development initiatives. The first is an NCATS-funded project to standardize the ICRE’s career development plan model, currently the only online version in use across the Clinical and Translational Science Association (CTSA), and make it available to all the other CTSA hubs across the U.S. The project will help training programs fulfill the NIH’s requirement for all trainees to complete an individualized development plan, which allows a trainee to document their goals, objectives, and milestones for their research, training, and career. This project began on June 1, 2019.

The second project is a U01-funded multi-institutional trial that will test the effectiveness of the ICRE’s long-running Career Education and Enhancement for Research Diversity (CEED) Program for underrepresented minorities. A total of 26 institutions across the United States varying in size and current levels of diversity
signed on to participate in the randomized trial, which will determine the program’s effectiveness in building the psychological capital of underrepresented trainees and diversifying the biomedical workforce.

In addition, the DGIM has three fellowship programs that provide first-rate training for clinician educators, clinician researchers, and palliative care educators and researchers: the Academic Clinician-Educator Scholars (ACES) Fellowship, directed by Dr. Spagnoletti; the Clinician-Researcher Fellowship, directed by Dr. Kevin Kraemer (with Dr. Jessica Merlin appointed Associate Director at the end of FY2019); and the Hospice and Palliative Medicine Fellowship, directed by Dr. René Claxton. The programs collectively trained 20 fellows in FY2019. (See “Medical Education” section, Fellowship Training Programs for more information).

The Section of Palliative Care and Medical Ethics continues to provide palliative care training for medical students, residents, and fellows. Three Hospice and Palliative Medicine (HPM) fellows completed master’s degrees in Medical Education. The Section successfully matched four excellent candidates for HPM fellowship in 2019-2020, including two recent UPMC Internal Medicine Residency graduates and one UPMC Cardiology Fellowship graduate. A total of 152 medical students, residents, and fellows elected to take a palliative care rotation, which received superlative evaluations. In addition, the Section trained over 148 clinicians in 17 separate day- and multiday-long courses focusing on palliative care communication skills. Faculty developed communication trainings related to neurology and gastroenterology. Finally, the Section continues to train critical care nurses throughout the health system as part of a communication intervention to improve palliative care in the ICU; this year more than 60 nurses across seven hospitals were trained. Section faculty member Jane Schell, MD, FNKF, won the annual Palliative Medicine Teaching Award for excellence in teaching across settings.

Finally, the Section of Hospital Medicine continues to be a vital part of the education of medical students, interns, and residents. In fact, the Division has developed a Clinician Educator Track in the Hospitalist program, which will provide faculty development and mentorship for clinician educators and ensure the best experience for students and educators alike. The track will begin in September 2019.

Clinical Fellows, FY2019

Current Fellows

Academic Clinician-Educator Scholars (ACES) Fellowship

Allie Dakroub, MD
Medical School: University of Michigan Medical School
Residency: Internal Medicine/Pediatrics, Wayne State University/Detroit Medical Center

Allison Kanakis, MD
signed on to participate in the randomized trial, which will determine the program's effectiveness in building the psychological capital of underrepresented trainees and diversifying the biomedical workforce.

In addition, the DGIM has three fellowship programs that provide first-rate training for clinician educators, clinician researchers, and palliative care educators and researchers: the Academic Clinician-Educator Scholars (ACES) Fellowship, directed by Dr. Spagnoletti; the Clinician-Researcher Fellowship, directed by Dr. Kevin Kraemer (with Dr. Jessica Merlin appointed Associate Director at the end of FY2019); and the Hospice and Palliative Medicine Fellowship, directed by Dr. René Claxton. The programs collectively trained 20 fellows in FY2019. (See “Medical Education” section, Fellowship Training Programs for more information).

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Clinical Fellows, FY2019

Current Fellows

Academic Clincian-Educator Scholars (ACES) Fellowship

- Allie Dakroub, MD
  - Medical School: University of Michigan Medical School
  - Residency: Internal Medicine/Pediatrics, Wayne State University/Detroit Medical Center

- Allison Kanakis, MD
  - Medical School: New York Medical College
  - Residency: UPMC Internal Medicine

- Andrew Klein, MD
  - Medical School: George Washington University School of Medicine and Health Sciences
  - Residency: UPMC Internal Medicine

- Jillian Kyle, MD
  - Medical School: George Washington University School of Medicine and Health Sciences
  - Residency: UPMC Internal Medicine

- Marina Mutter, MD
  - Medical School: University of Rochester School of Medicine and Dentistry
  - Residency: Yale-New Haven Hospital Internal Medicine
  - Current Position: Academic Clinician-Educator Scholars (ACES) Fellow

- Jennifer Rodriguez, MD
  - Medical School: Baylor College of Medicine
  - Residency: UPMC Internal Medicine

- Emmanuelle B. Yecies, MD
  - Medical School: University of Pittsburgh School of Medicine
  - Residency: UPMC

Clinician Researcher Fellowship

- Amy Kennedy, MD
  - Medical School: University of Washington School of Medicine
  - Residency: UPMC Internal Medicine

- Clark Veet, MD
  - Medical School: Jefferson Medical College of Thomas Jefferson University
  - Residency: UPMC Internal Medicine

Hospice and Palliative Medicine Fellowship

- Zienna Chang, MD
  - Medical School: University of Michigan Medical School
  - Residency: UPMC Internal Medicine

- Nivedita Gunturi, MD
  - Medical School: Sri Ramachandra Medical College and Research Institute
  - Residency: UPMC

- Briana K. Revoal, MD
  - Medical School: The University of Arizona College of Medicine
  - Residency: Oregon Health & Science University Internal Medicine

- Ilana Stol, MD
  - Medical School: Vanderbilt University School of Medicine
Residency: Yale-New Haven Internal Medicine

Departing Fellows

Academic Clinician-Educator Scholars (ACES) Fellowship

Jonathan Arnold, MD, MSc, MSE
Medical School: Icahn School of Medicine at Mt. Sinai
Residency: UPMC
Current Position: Director, CMI eRecord Initiatives; Teaching Faculty, UPMC McKeesport Internal Medicine Residency Program; Adjunct Assistant Professor of Medicine

Molly A. Fisher, MD, MS
Medical School: University of Colorado Denver, School of Medicine
Residency: UPMC
Current Position: Director of Women’s Health of the Medicine Institute- Allegheny Health Network

Iman Hassan, MD, MS
Medical School: Albert Einstein College of Medicine
Residency: Montefiore Medical Center, New York, NY
Current Position: Director for Community and Population Health Initiatives, Internal Medicine Residency; Assistant Professor, Albert Einstein College of Medicine

Brianna Rossiter, MD, MS
Medical School: University of Pittsburgh School of Medicine
Residency: UPMC
Current Position: Staff Physician, VA Pittsburgh Health System; Clinical Instructor of Medicine

Hospice and Palliative Medicine Fellowship

Mary Callahan, MD
Medical School: Rush Medical College, Rush University Medical Center
Residency: Tulane University School of Medicine
Current Position: Assistant Professor of Medicine, Columbia University Department of Medicine Palliative Care Service

Corey Tapper, MD, MS
Medical School: Albany Medical College of Union University
Residency: Mount Sinai Beth Israel Medical Center
Current Position: Assistant Professor of Medicine, Johns Hopkins University

Justin Yu, MD
Medical School: Temple University School of Medicine
Residency: UPMC
Current Position: University of Pittsburgh Post-doctoral Fellow, Clinical Instructor of Medicine
Fellow Activities

Jonathan Arnold, MD, MSc, MSE

Presentations and Abstracts

• “Mandated prescription drug monitoring is not associated with a change in the rate of new-start opioid prescribing at a large regional health system,” 2018 Addiction Health Services Research Conference, Savannah, GA, October 2018

• “Mandated Prescription Drug Monitoring Programs and Opioid Prescribing in Non-Target Populations,” Health Services Research Seminar, University of Utah Division of General Internal Medicine Research Seminar Series, Salt Lake City, UT, January 2019

• “Association of state laws mandating prescription drug monitoring program use by prescribers on discontinuation of chronic opioid therapy in Veterans,” Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 2019


Awards and Other Activities

• Thomas H. Nimick, Jr. Competitive Research Fund Award, July 2018

• Ad-hoc Reviewer, Medical Decision Making, Policy and Practice, January 2019

• Abstract Reviewer, Society for General Internal Medicine, General Meeting, January 2019

• Ad-hoc Reviewer, Journal of Hospital Medicine, January 2019

Mary Callahan, MD

Presentations and Abstracts

• “Best Case/Worse Case Communication,” Workshop, UPMC Department of General Surgery, Pittsburgh, PA, January 2019

• “Writing Learning Objectives,” UPMC Department of Psychiatry, Pittsburgh, PA, April 2019

Zienna Chang, MD

Presentations and Abstracts

• “Understanding Physician-Family Conflict: He Told Us ‘Force Feed Me’,” AAHPM National Meeting, Boston, MA, March 2019

Allie Dakroub, MD

Presentations and Abstracts

• “Gaming for Success in Internal Medicine,” Medical Education Day, University of Pittsburgh School of Medicine, Pittsburgh, PA, October 2018

• “Gaming for Success; Gaming in Medical Education,” Innovations in Medical Education Conference, University of Southern California Keck School of Medicine, Los Angeles, CA, February 2019

• “Make it Stick: Applying the Science of Learning to Everyday Teaching during Lectures,” in Clinic, and on the Wards, Alliance for Academic Internal Medicine, Academic Internal Medicine Week, Philadelphia, PA, April 2019
• “Primary Care/Med-Ed Challenge!,” Medicine/Pediatrics Residency Noon Conference, Wayne State University, Detroit, MI, May 2019
• “Gaming for the Win in Resident Education: Gaming to Enhance Resident Learning,” Society of General Internal Medicine Annual Meeting, Washington, D.C., May 2019
• “Winning Med-Ed: Gamification in Medical Education,” Grand Rounds, Wayne State University, Department of Internal Medicine, Detroit, MI, May 2019
• “DGIM Duel: Part I,” Grand Rounds, UPMC Division of General Internal Medicine, Pittsburgh, June 2019

Molly A. Fisher, MD, MS

Presentations and Abstracts

• “Health Policy Education: What do the Experts Say?,” Medical Education Lecture Series, University of Pittsburgh, November 2018
• “Care of the Transgender Veteran,” VA Pittsburgh noon conference, Pittsburgh, PA, December 2018
• “SGIM Leadership in Health Policy Curriculum Initiative,” Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 2019
• “Care of the Postpartum Patient,” VA Pittsburgh Women’s Health Update, Pittsburgh, PA, May 2019
• “#MeToo: Practical Strategies to Respond to Sexual Harassment and Gender Bias in Medical Training,” Society of General Internal Medicine Annual Meeting, Washington, D.C., May 2019

Awards and Other Activities

• Reviewer, Journal of General Internal Medicine, January 2019
• Poster reviewer, Society for General Internal Medicine, January 2019

Iman Hassan, MD, MS

Publications


Presentations and Abstracts

• “Health in the neighborhood context: a social determinants of health focused home visit curriculum for internal medicine residents,” Medical Education Day, University of Pittsburgh School of Medicine, Pittsburgh, PA, September 2018
• “Working Against the Clock: Effective and Educational Outpatient Precepting,” American Academy of Internal Medicine Chief Residents’ Meeting, Philadelphia, PA, April 2019
• “Case-based Teaching of Social Determinants of Health: The Social Medicine
• Case Study Project,” American Medical Association Accelerating Change in Medical Education spring consortium meeting, Atlanta, GA, April 2019
• “Going Where the Patient Is: Community Based Interventions to Teach Social Determinants,” Society of General Internal Medicine Conference, Washington D.C., May 2019
• “Qualitative Analysis of a Social Determinants of Health (SDH) Focused Home Visit Curriculum for Internal Medicine Residents,” Society of General Internal Medicine Meeting, Washington, D.C., May 2019

Awards and Other Activities
• Ad hoc reviewer, Journal of General Internal Medicine, 2019
• Ad hoc reviewer, American Journal of Preventative Medicine, 2019
• Abstract reviewer and poster judge, American College of Physicians regional conference, 2019

Allison Kanakis, MD
Presentations and Abstracts
• “The Hypothesis-Driven Physical Exam for Common Inpatient Presenting Symptoms,” Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 2019

Amy Kennedy, MD
Presentations and Abstracts
• “Health in the neighborhood context: a social determinants of health focused home visit curriculum for internal medicine residents,” Medical Education Day, University of Pittsburgh School of Medicine, Pittsburgh, PA, September 2018
• “Impact of Attending a Mutual Support Group Meeting on Resident Trainee Attitudes toward Patients with Substance Use Disorder,” Association for Medical Education and Research in Substance Abuse National Conference, San Francisco, CA, November 2018
• “Factors Associated with Long Term Retention in Buprenorphine Based Addiction Treatment Programs: A Systematic Review,” Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 2019
• “Qualitative Analysis of a Social Determinants of Health (SDH) Focused Home Visit Curriculum for Internal Medicine Residents,” Society of General Internal Medicine Meeting, Washington, D.C., May 2019
• “The opioid crisis and interdisciplinary care for individuals with opioid use disorder,” University of Pittsburgh School of Medicine Medical Scientist Training Program, Pittsburgh, PA, May 2019
• “Medication treatment for opioid use disorder,” Sojourner House Invited Speaker for women in recovery and program staff members, Pittsburgh, PA, June 2019

Andrew Klein, MD
Presentations and Abstracts
• “Burnout is Out, Grit is In: Cultivating Grit to Enhance Resilience and Diminish Burnout,” Alliance for Academic Internal Medicine, Skills Development Conference, Orlando, FL, October 2018
• “Work Smarter, Not Harder: A Productivity and Technology Guide for Chief Residents,” Alliance for Academic Internal Medicine, Academic Internal Medicine Week, Philadelphia, PA, April 2019
“Make it Stick: Applying the Science of Learning to Everyday Teaching during Lectures, in Clinic, and on the Wards,” Alliance for Academic Internal Medicine, Academic Internal Medicine Week, Philadelphia, PA, April 2019

“Grit among First-year Internal Medicine Residents,” Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 2019


“Avoiding Death by Meeting: Skills to Run an Effective Team Meeting,” University of Pittsburgh School of Medicine Academy of Master Educators Seminar Series, Pittsburgh, PA, May 2019

Jillian Kyle, MD
Presentations and Abstracts

“Thanks for the Feedback: An Educator’s Guide to Making the Most of Student Evaluations.,” Alliance for Academic Internal Medicine (AAIM), Academic Internal Medicine Week, Workshop, Philadelphia, PA, April 2019

Intimate Partner Violence, Women’s Health Update Bi-Annual Meeting, VA

Pittsburgh Division of Women’s Health, Pittsburgh, PA, 31-May-19

“Thanks for the Feedback: An Educator’s Guide to Making the Most of Student Evaluations,” UPMC Hospitalist Faculty Development Session, Pittsburgh, PA, June 2019

Briana K. Revoal, MD
Presentations and Abstracts

“Disclosing Medical Error Made Ridiculously Simple,” Fellow’s Teaching Competition, UPMC Internal Medicine Residency, Pittsburgh, PA, April 2019

“Discussing Adverse Events with Patients and Families,” Division Conference, UPMC Division of Urogynecology, Pittsburgh, PA, June 2019

Jennifer Rodriguez, MD
Presentations and Abstracts

“Changing resident prescribing practices for VTE prophylaxis using peer-to-peer education,” High Value Practice Academic Alliance Annual Conference, Baltimore, MD, September 2018

“Changing resident prescribing practices for VTE prophylaxis using peer-to-peer education,” Association of Program Directors in Internal Medicine, Orlando, FL, October 2018

“Communication Skills for Challenging Patient Encounters, Hospitalist Learners, Teachers, Leaders Series, UPMC Division of General Internal Medicine, Pittsburgh, PA, March 2019


“Avoiding Death by Meeting: Skills to Run an Effective Team Meeting,” University of Pittsburgh School of Medicine Academy of Master Educators Seminar Series, Pittsburgh, PA, May 2019

Brianna Rossiter, MD, MS
Presentations and Abstracts

• “Burnout is Out, Grit is In: Cultivating Grit to Enhance Resilience and Diminish Burnout,” Alliance for Academic Internal Medicine, Skills Development Conference, Orlando, FL, October 2018
• “Thanks for the Feedback: An Educator’s Guide to Making the Most of Student Evaluations,” Spring Alliance for Academic Internal Medicine meeting, workshop, Philadelphia, PA, January 2019
• “Perspective-Taking, a novel mechanism for enhancing trainee empathy: A Qualitative and Quantitative Analysis,” UPMC Medical Education Research Conference, Pittsburgh, April 2019
• “Perspective-Taking, a novel mechanism for enhancing trainee empathy: A Qualitative and Quantitative Analysis,” Poster Presentation, Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 2019
• “Perspective-Taking, a novel mechanism for enhancing trainee empathy: A Qualitative and Quantitative Analysis,” Poster Presentation, Society for General Internal Medicine Annual Meeting, Washington D.C., May 2019
• “New and Improved Order Sets,” Veterans Affairs Women’s Health Update, Pittsburgh, May 2019

Awards and Other Activities

• Ad hoc meeting abstract and workshop reviewer, Society of General Internal Medicine Annual Meeting, Washington, D.C., 2019

Clark Veet, MD

Presentations and Abstracts

• “Don’t Click It, Reduce the Stick It: A quality improvement initiative to reduce daily inpatient laboratory draws,” UPMC GME Patient Safety and Quality Improvement Symposium, Pittsburgh, PA, September 2018
• “Medical Education in the 21st Century,” University of Scranton Annual Medical Alumni Council Symposium, Scranton, PA, March 2019
• “The Patient-Centered Medical Home in Government-Based and Integrated Delivery and Finance Systems: A Systematic Review,” Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 2019
• “Health System Science: Teaching Innovation Techniques and Design Thinking to Improve Care Delivery,” Society for General Internal Medicine Annual Meeting, Washington, D.C., May 2019
• “The Patient-Centered Medical Home in Government-Based and


Emmanuelle B. Yecies, MD

Publications


Presentations and Abstracts

• “From the #MeToo Frontlines: Incoming Interns Report a Breadth of Experiences Related to Sexual Harassment in Medical School,” Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 2019

• “Career consequences for medical students experiencing sexual harassment differ by gender and type of exposure,” Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 2019

Justin Yu, MD

Publications


Postdoctoral Fellows, FY2019

Robert Coulter, PhD

Mentor: James Egan, PhD
Dr. Coulter’s research focuses on the health of sexual and gender minority (SGM; e.g., lesbian, gay, bisexual, and transgender) youth and young adults. Three common threads of his work include: 1) assessing SGM health inequities; 2) investigating causes of such inequities; and 3) evaluating programs that aim to reduce these inequities.

Katherine Eichinger, PharmD

Mentor: Kerry Empey, PharmD, PhD
Dr. Eichinger is interested in gaining an understanding of the infant response to respiratory syncytial virus (RSV). Using a novel infant mouse model that more accurately reflects a human infant response to RSV compared to more widely used adult mouse models., Dr. Eichinger employs locally administered immunomodulatory drugs, such as interferon-gamma, to alter the infant immune response and improve clinical
outcomes.

**Cesar Escobar-Viera, PhD**  
*Mentor: Brian Primack, MD, PhD*  
Dr. Escobar Viera's research is related to the impact of social media on mental health outcomes, with a focus on identifying risk and protective factors for depression among sexual minority individuals and other minority populations.

**Katrina Knight, PhD**  
*Mentor: Pamela A. Moalli, MD, PhD*  
Dr. Knight’s research focuses on pelvic organ prolapse, a gynecologic condition that negatively impacts half of all women over the age of 50. Current treatment options most often use synthetic mesh, which is associated with complications. Dr. Knight aims to develop a mesh that overcomes these problems, and is currently exploring alternative materials, as well as alternative designs, for prolapse mesh.

**Elizabeth McGuier, PhD**  
Dr. McGuier’s research aims to improve mental health outcomes for children who experience maltreatment through better implementation of evidence-based practices and expansion of mental health services into non-traditional settings. She is particularly interested in improving the availability and quality of mental health care in rural areas.

**Sara Myers, MD**  
*Mentor: Matthew Neal, MD*  
Dr. Myers’s research focuses on the disparate educational environments experienced by male and female surgical trainees, and the ramifications of these differences on retention, academic accomplishments, and life satisfaction.

**Kristina Nicholson, MD**  
*Mentor: Linwah Yip, MD*  
Dr. Nicholson is investigating the effects of doing total thyroidectomy, thyroid lobectomy, and active surveillance for differentiated thyroid cancer.

**Ryan Orizondo, PhD**  
*Mentor: William Federspiel, PhD*  
Dr. Orizondo’s research is focused on further developing the adult low-flow extracorporeal CO2 removal (ECCO2R) and the pediatric full respiratory support applications of the Modular Extracorporeal Lung Assist System (ModELAS).

**Clark Veet, MD**  
*Mentor: William Shrank, MD*  
Dr. Veet seeks to describe economic, utilization, quality, clinical, and patient satisfaction outcomes resulting from patient-centered medical home interventions operating within integrated delivery and finance systems.

**Justin A. Yu, MD**  
*Mentor: Yael Schenker, MD, MAS, and Amy Houtrow, MD, MPH, PhD*  
Dr. Yu is focused on advancing the field of pediatric palliative care for children with medical complexity.
THREE-YEAR BIBLIOGRAPHY

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**Shahzad Ahmad, MD**


**Andrew D. Althouse, PhD**


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Robert M. Arnold, MD


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**Mamta Bhatnagar, MD**

John R. Blosnich, PhD, MPH


Eliana Bonifacino, MD


Sonya A. Borrero, MD, MS


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Jodie A. Bryk, MD


Thuy D. Bui, MD


Peter D. Bulova, MD


Gregory M. Bump, MD


Raquel A. Buranosky, MD, MPH


( Joyce) Chung-Chou H. Chang, PhD


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Rene N. Claxton, MD, MS


**Tara E. Cook, MD**


**Jennifer A. Corbelli, MD, MS**


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Anna K. Donovan, MD, MS


D. Michael Elnicki, MD


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Alda Maria R. Gonzaga, MD, MS


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Jaishree Hariharan, MD


Peggy B. Hasley, MD, MHSc


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