



Baylor
College of
Medicine

DEPARTMENT OF FAMILY AND COMMUNITY MEDICINE

2019 Annual Report

MESSAGE FROM THE CHAIR



Over the past year, the Department of Family and Community Medicine at Baylor College of Medicine continued its work at the forefront of medical education and discovery to deliver excellent and holistic patient care.

I am pleased that as part of *U.S. News & World Report* rankings for the best medical schools in the U.S., Baylor College of Medicine ranked #4 in Primary Care Programs and #13 in Family Medicine Specialties. I fully concur with the President, CEO and Executive Dean of Baylor College of Medicine, Paul Klotman, M.D., FACP, who wrote in making the announcement, “The consistent high ranking is a clear indication of our strength and the combined efforts of our faculty, staff, and trainees. The tremendous support we have from our Board of Trustees, affiliated hospitals, community partners and alumni is also an important factor in Baylor College of Medicine continuing to be the highest ranked medical school in Texas as well as the Southwest region.”

An April 25 ribbon cutting marked the official opening of the Baylor Medicine Family Medicine Clinic in Houston’s River Oaks area. I joined James T. McDeavitt, M.D., the Senior Vice President and Dean of Clinical Affairs, and President Klotman, who officiated the festivities. The new 8,000 square foot facility has 14 exam rooms, onsite labs, and diagnostics, with same-day and next-day appointments available. Our department now provides holistic care for the entire family at three full-service clinic locations.

Other successes filled FY2019 as well. We welcomed ten physicians, researchers, and mid-level providers into our department, bringing us to 207 faculty between our group practice, community health programs, training programs, and our research mission area. Our clinical faculty has been remarkably productive. In FY19, we provided outstanding care for over 360,000 patient visits (194,217 unduplicated) in 21 health centers and clinics, plus the patients at Ben Taub Hospital.

The department continued to provide a dynamic and challenging educational experience for medical students, residents, and fellows. Our students and residents also learn at community-engaged teaching sites, which offer exposure to diverse clinical environments and patients from all walks of life.

Research is an essential function of each of our mission areas. Our investigators have published 75 books, book chapters, and peer-reviewed articles. Family and Community Medicine researchers presented at over 100 national and international scientific meetings. We secured new grants, bringing us to a total of over \$2.75 million in funding to support studies and the training of future innovators. This production gives our residents and fellows unique opportunities for research in population health, clinical studies and medical education.

My tenure as the Chair of Family and Community Medicine at Baylor College of Medicine reached the five-year mark on March 15, 2019. While this report focuses primarily on the past fiscal year, I would be remiss if I did not mention our productivity and achievements over the past five years. I want to take this opportunity to thank all our faculty and staff for their support and diligent work. Your collective effort has resulted in the department’s recognition as a distinguished leader in family medicine and primary care.

A handwritten signature in blue ink that reads "Roger Zoorob".

ROGER ZOOROB, M.D. MPH

*Richard M. Kleberg, Sr. Professor and Chair
Department of Family and Community Medicine*

STATE OF THE DEPARTMENT FY2015-FY2019

Growth

OVERALL

- Ranked #4 in Primary Care and #13 in Family Medicine in *U.S. News & World Report's* Best Medical Schools
- Administrative office space facelift
- Administrative staff expansion

PERSONNEL

- 16% growth in personnel over the last five years
- Additional 3% growth in the next three months with new faculty and staff hires

FINANCIAL

- 10% growth in medical services revenue
- 80% growth in research funding
- 22% growth in overall department revenue

PROMOTIONS

Ten faculty promotions (eight female) in the last five years.

- 3 to Assistant Professor
- 6 to Associate Professor
- 4 Research faculty
- 5 Clinical faculty

The department has added the roles of Director and Associate Director of Faculty Development.

COURSES AND TRAINING

New courses and training offered:

- Primary Care Update
- ALSO Course
- STFM Faculty Development workshop
- Tobacco Cessation training
- Alcohol Screening and Brief Intervention training

Over 80 hours of free CME offered by the department with over 2,500 faculty members participating in the educational opportunities over the last five years!



Education Mission

INVOLVEMENT IN TEACHING AND TRAINING

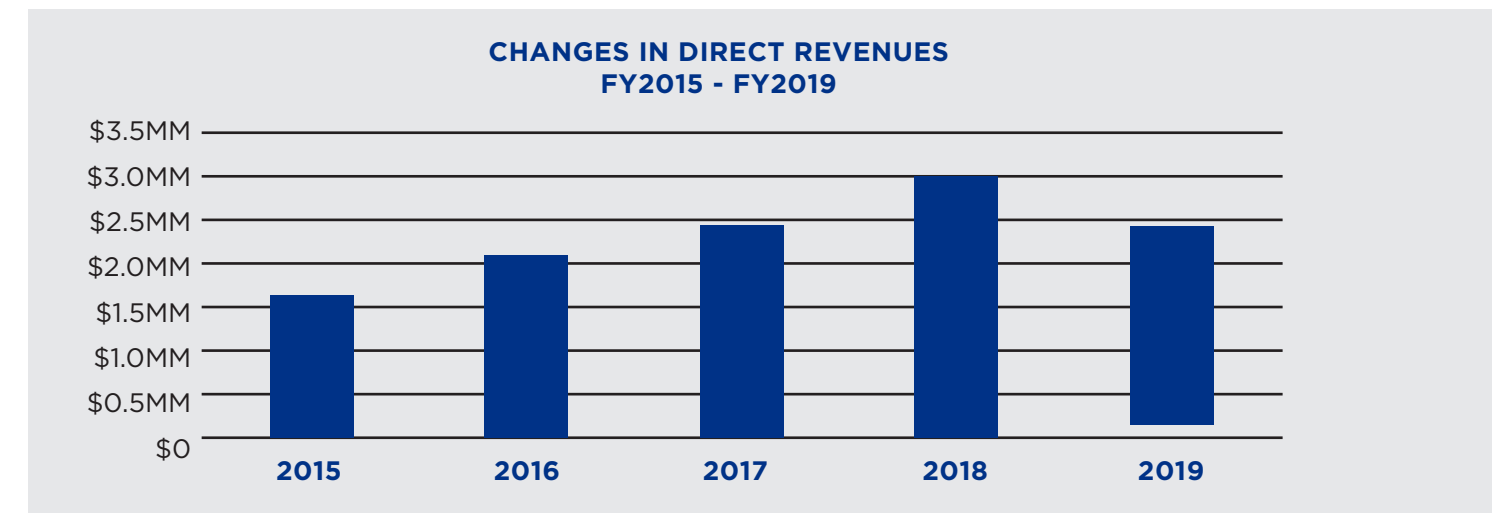
- 10-15 faculty are involved in student mentoring (Learning Community Advisors or Directors) each year
- 10-15 faculty serve as PPS facilitators each year
- Over 80 faculty per year serve as Preceptors for PPS, Clerkship, Electives, et al., and the FCM compensation plan rewards these faculty through the Z component.
- 14 faculty in various UME leadership roles (Site Directors, Course Directors, Lecturers, Admissions Committee members, Sub-internship Directors, Elective Directors, et al.)
- Dr. Alicia Kowalchuk has been serving as the Chair of the College's Curriculum Committee.
- The department added the role of Elective Director - Anjali Argharwal, M.D.
- The residency program currently has full ACGME accreditation with no citations.
- Residents entering the program have become stronger matches over the years. This past year, the lowest matched resident of seven total was number 14 on our list.
- The program has received approval from ACMGE to permanently increase the size of the residency from 18 residents to 24 residents and has secured additional funding from the State Coordinating Board to support two of those slots.
- Additional residency stipend support was secured from the VA Hospital to bring total supported resident positions to 21.

Research Mission

DEPARTMENT GRANT FUNDING

The department's grant funding shows a 40% increase in five years. During this time frame the department has had:

- Over 115 grant submissions
- 34 unique grants funded
- A 30% success rate in getting grants funded
- Over 240 publications by our faculty



STATE OF THE DEPARTMENT FY2015-FY2019

Clinical Mission

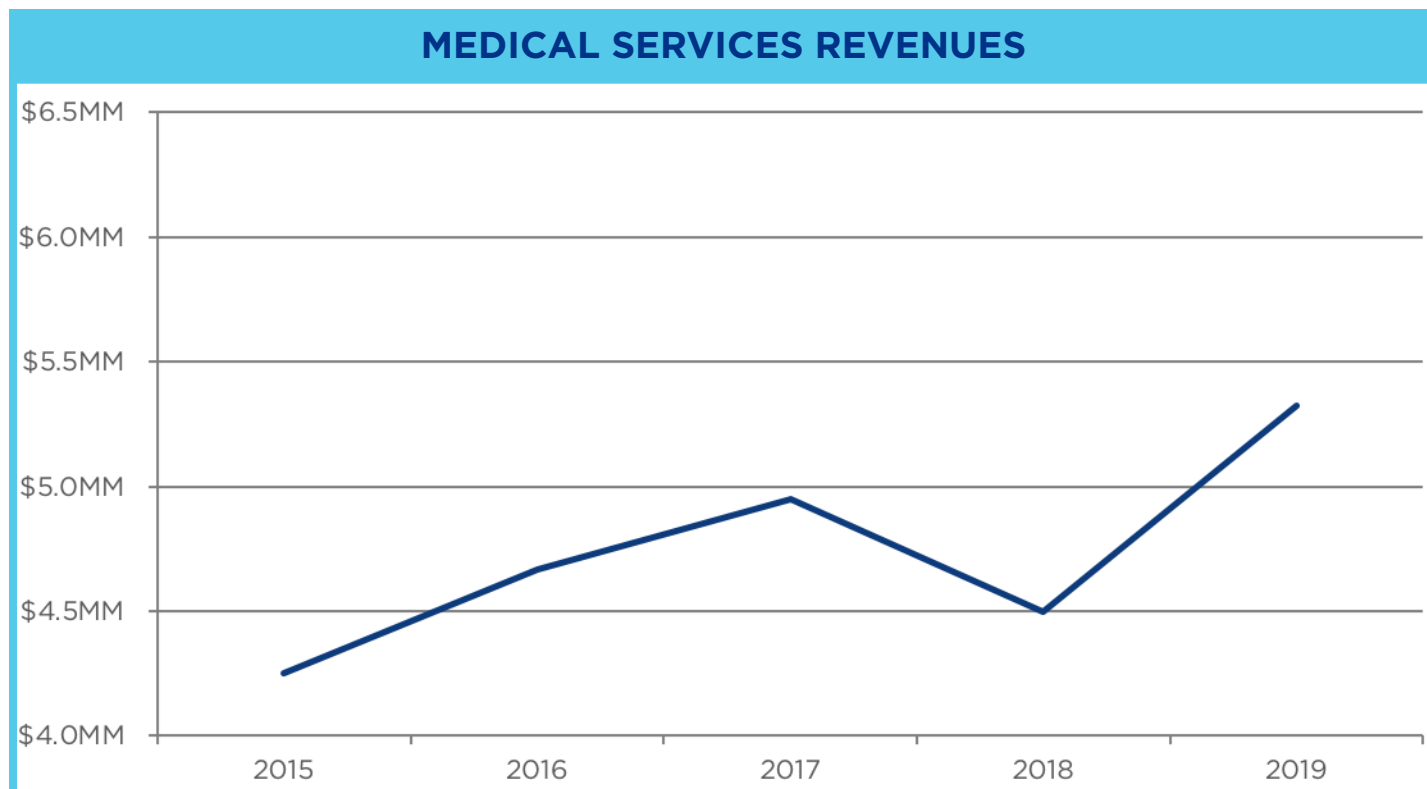
Our faculty and staff have served over 1.9 million patients over the last five years!

| Location | Total # of patients from FY15-FY19 | Average # of patients per year |
|---------------------------------------------------------|------------------------------------|--------------------------------|
| Harris Health Clinics | 1,200,423 | 240,085 |
| Faculty Group Practice | 188,119 | 37,624 |
| Healthcare for the Homeless | 169,204 | 33,841 |
| Other community partners (SMH, HHS, Homeless, San Jose) | 69,687 | 13,937 |
| TOTAL PATIENT VISITS | 1,627,433 | 355,487 |

MEDICAL SERVICE REVENUES

Highlights

- 28% growth in revenue
- Increase services provide: Behavioral Health, Medical Weight Management, Sports Medicine and Tobacco Cessation
- Added new location: Baylor Family Medicine at River Oaks



COMMUNITY INVOLVEMENT

- Hurricane Harvey
- Deer Park chemical fire

HARRIS HEALTH INVOLVEMENT

- Healthy Heart Healthy You, a hypertension project
- Opening of food bank at the Strawberry Health Center
- Pediatric redesign project
- Breast feeding project to obtain baby friendly designation
- Increased women's health services at Northwest Health Center - relocation from City Clinic
- EPIC roll-out involvement with EPIC superuser roles

RESULTS FROM IMPROVEMENT EFFORTS

Before 2015, clinical quality metric data for Community Health Programs (CHP) was not available regularly. Since 2018, Harris Health System (HHS) evaluates providers regularly by both the MIPS and HEDIS measures.

Due to improvements seen in the quality metric data over the last three years, HHS has shifted the benchmarks up from the Medicare NCQA 50th percentile to the 75th percentile.

- Colorectal cancer screening rates increased by 34%
- Diabetes eye exam rates increased by 48%
- Diabetes foot exam rates increased by 23%



CLINICAL MISSION

Family Medicine Group Practice

At the Faculty Group Practice (FGP) also known as Baylor Medicine Family Medicine, we believe that whole-person patient-centered care requires a team approach, with the integration of mental and behavioral health services, and the use of the latest health information tools. Our providers work as a collaborative care team, seeking to improve the outcomes of all patients by addressing health maintenance and prevention of disease, as well as the symptoms and root causes of illness (nutritional, behavioral and social determinants of health).

The use of disease registries and patient portals enable our teams to give special attention to our patients with diabetes and other chronic diseases and keep vital lines of communication open, even outside of the clinical encounter.

Congratulations and thanks to all who facilitated the successful opening of the new Baylor Family Medicine clinic located in Houston's River Oaks area this past April. Same-day and next-day appointments are available from our physicians, Aymer Al-Mutairi, M.D., Irvin Sulapas, M.D., and Nneka Okafor, M.D., MPH. Our department now provides holistic care for the entire family at three full-service clinic locations:

- Family Medicine at Upper Kirby | 3701 Kirby Drive, Suite 100
- Family Medicine at the Texas Medical Center | 6620 Main Street, Suite 1250
- Family Medicine at River Oaks | 3743 Westheimer Road at Wesleyan Street



During FY2019, our practice had 35,234 patient encounters (25,127 unduplicated) and showed a 2.3% increase (1.206) in wRVUs. The total wRVUs at River Oaks was 3,724.



MOHAMAD SIDANI, M.D., MS
*Medical Director, Family Medicine at
Upper Kirby and Texas Medical Center*



AYMER AL-MUTAIRI, M.D.
*Medical Director, Family Medicine
at River Oaks*

CLINICAL MISSION CONTINUED

Sports Medicine

Focusing on treatment and prevention of illness and injury for the active individual, Irvin Sulapas M.D., FAAFP, treats anyone from youth athletes to weekend warriors, active people to elite athletes. He currently serves as the team physician for Episcopal High School, Texas Southern University, and the Houston SaberCats, the new professional rugby team in Houston, and as a volunteer physician for the Houston Marathon. Dr. Sulapas promotes musculoskeletal and sports medicine education, both locally and nationally. Dr. Sulapas was pegged to write questions for the sports medicine in-training exam and has recently provided questions for the fourth edition of the AMSSM Sports Medicine CAQ Study Guide, published this year. He is currently the chair-elect for the Musculoskeletal/Sports Medicine collaborative for STFM.

Along with his departmental duties, Dr. Sulapas provides lectures for our residents and the ortho-sports medicine fellows in the Department of Orthopedic Surgery and presented at the Baylor Sports Medicine's annual sports symposium.



IRVIN SULAPAS M.D., FAAFP



Dietetics & Nutrition

Luis Rustveld, Ph.D., RD, LD, provides nutrition services at the Upper Kirby location. With extensive experience in diet and nutrition therapy, Dr. Rustveld has a particular interest in therapeutic lifestyle changes that can help patients develop healthy behaviors for life. Nutrition services include:

1. Performing a comprehensive nutrition assessment and providing dietary advice for individuals throughout the lifecycle to prevent nutrition-related diseases.
2. Planning and implementing nutrition interventions for patients who have nutrition-related conditions.
3. Promoting evidence-based health and nutrition education through the media to help the public make informed food choices and adopt healthy lifestyle behaviors.



LUIS RUSTVELD, PH.D., RD, LD
*Nutritional Services,
Baylor Family Medicine*



Behavioral Health Services

Our behavioral health providers offer a range of mental health services to individuals and families at Baylor Family Medicine. Providers, Monica Alzate, Ph.D., LCSW, MA, and Sandra Gonzalez, Ph.D., LCSW, have extensive experience in a range of conditions and issues, such as anxiety, depression, trauma-related symptoms, substance use, ADHD, sexual assault, career exploration, family conflict, among others. They provide a warm and caring environment and focus their practice on treating the whole person, including physical, emotional, and mental well-being. They share offices with the primary care physicians at the Upper Kirby clinic, which allows for convenient and coordinated care. Our providers use evidence-based treatment approaches, including Cognitive Behavioral Therapy, Interpersonal Therapy, Family Therapy, Psychodynamic Therapy, and Motivational Interviewing. Both providers are bilingual in English and Spanish and have many years of collective experience working with diverse populations. Dr. Alzate received her Ph.D. from the University of Georgia, and Dr. Gonzalez received her doctorate from the University of Texas at Austin. They are both Licensed Clinical Social Workers.



SANDRA GONZALEZ, PH.D., LCSW
*Director of Behavioral Health for the
Baylor Family Medicine clinics*



MONICA ALZATE, PH.D., LCSW, MA
*Behavioral Health,
Baylor Family Medicine*

Tobacco Cessation Services

Tobacco use, including smoking, can lead to tobacco and nicotine dependence and serious health problems. Ceasing the smoking habit dramatically reduces the risk of developing tobacco-related diseases. Maria Mejia de Grubb, M.D., MPH, FACPM, leads our tobacco treatment program, QUIT PATH, to assist patients, and their family members, to quit using cigarettes and other tobacco products. We offer a comprehensive and personalized approach provided by a team of expert doctors and healthcare professionals. Because becoming tobacco-free is challenging, we provide patient-centered care with the latest proven methods to help our patients to quit tobacco use for good. Currently, our tobacco treatment specialists offer services at Baylor Family Medicine as well as the Harris Health System through a CPRIT grant as part of our lung cancer screening program.



MARIA MEJIA DE GRUBB, M.D., MPH, FACPM

COMMUNITY HEALTH



FAREED KHAN, M.B.B.S.
Vice Chair of Community Health Programs

I am proud to report that our 100 plus faculty saw over 290,000 ambulatory visits across all centers. We continue to care for Harris County citizens, both indigent and insured, with compassion and efficaciousness. We provided preventive care and full-spectrum Family Medicine care while educating Baylor College of Medicine residents and students.

Now is a time of significant change for the entire Ambulatory Care Services (ACS) at Harris Health System (HHS), with the wind-down of DSRIP affiliate contract renegotiations and the installation of Dr. Glorimar Medina as Executive Vice President of ACS. Kenneth Barning, M.B., Ch.B., assumed the Medical Director duties for our Same Day clinics from Joy Blumenreich, M.D., and Hammad Mahmood, M.B.B.S., assumed leadership of Casa De Amigos from Dr. Kenya Steele, who left the department after 12 years of service. From May

2018 to May 2019, we interviewed 52 candidates for CHP positions and successfully hired 13 providers.

A project to address uncontrolled diabetes rolled out for ACS at all community health clinics in Harris Health. Historically, there have been over 30% of uncontrolled diabetic patients with Hemoglobin A1c greater than nine. Previous attempts have not influenced this number. A multidisciplinary project DMP 2.0 rolled out with an emphasis on increasing the number of oral medications taken by uncontrolled patients. We recognized that with the new AACE guidelines for increased use of oral medications, in conjunction with our patients' preference for oral medications, we had an opportunity to affect change. Preliminary findings are encouraging. Educators and researchers presented initial findings at the STFM Spring Conference in Toronto, Canada.

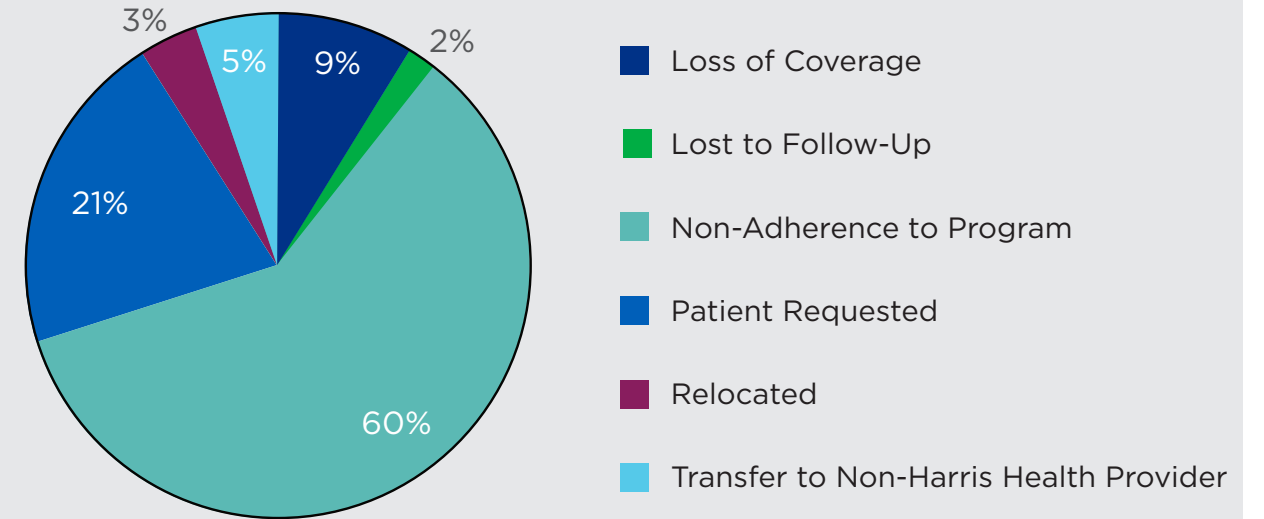
Other milestones of our health centers and clinics are:

- Thomas Porter, M.D., leads the HHS Ambulatory Care Services (ACS) effort to improve patient access to appointments by reviving the Access and Flow committee. He is also involved in a population health initiative to add a food bank for Strawberry Health Center to benefit patients. All ACS clinical sites participated in a review of patients needing a colonoscopy to reduce system backlog.
- Under the leadership of Samuel Willis, M.D., Martin Luther King Jr. Health Center successfully piloted Healthy Heart, Healthy You, a home monitoring of blood pressure program for patients with uncontrolled blood pressure. Patients use My Health to upload home BP readings using a supplied BP monitor. Nurse coordinators will monitor BP, educate patients, and navigate to appropriate medical services. Nurse coordinators monitor BP, educate patients, and navigate to appropriate medical services. While the impact is still being evaluated, we expect to see improvement in MIPS and decreased complications of hypertension in the long term. See below for our statistics.

ENROLLED PATIENTS

| Month | Enrolled | Initial Home Visits | Return Home Visits | Completed Counseling Calls | Additional Phone Contacts | Discharged Patients V/I |
|--------------|------------|---------------------|--------------------|----------------------------|---------------------------|-------------------------|
| February | 30 | 30 | 0 | 2 | 215 | 0/0 |
| March | 102 | 102 | 21 | 81 | 241 | 0/2 |
| April | 48 | 48 | 100 | 186 | 834 | 0/15 |
| May | 29 | 29 | 131 | 188 | 1002 | 6/20 |
| June | 23 | 23 | 136 | 183 | 1093 | 37/18 |
| TOTAL | 232 | 232 | 388 | 640 | 3385 | 43/55 |

INVOLUNTARY DISCHARGED REASON



BLOOD PRESSURE IMPACT

| Month | Pre-Enrollment | | Month 1 | | Month 2 | | Month 3 | | Month 4 | |
|----------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| | Average Systolic | Average Diastolic | Average Systolic | Average Diastolic | Average Systolic | Average Diastolic | Average Systolic | Average Diastolic | Average Systolic | Average Diastolic |
| February | 151 | 85 | 138 | 84 | 137 | 80 | 138 | 80 | 138 | 82 |
| March | 150 | 87 | 144 | 85 | 137 | 82 | 134 | 80 | | |
| April | 155 | 89 | 140 | 83 | 136 | 80 | | | | |
| May | 153 | 87 | 142 | 82 | | | | | | |
| June | 156 | 88 | | | | | | | | |

HEDIS - CONTROLLING HIGH BLOOD PRESSURE

| Month | Numerator | Denominator | Current Performance | Benchmark (75th Percentile) |
|----------|-----------|-------------|---------------------|-----------------------------|
| February | 2,733 | 5,129 | 53.29% | ≥ 65% |
| March | 2,709 | 5,066 | 53.47% | ≥ 65% |
| April | 2,773 | 5,109 | 54.28% | ≥ 65% |
| May | 2,835 | 5,082 | 55.79% | ≥ 65% |
| June | 2,831 | 5,003 | 56.59% | ≥ 65% |

- At Casa de Amigos Health Center, a reorganizing workflow for the nurses who administer medications and immunizations brought about the clinic receiving the Luminary Emerald Award for the quality improvement project on Medication Error Prevention. Additionally, Casa's nursing staff worked closely with providers to pilot a program for requesting prior authorization for medications. Because of its success, all ACS pharmacies in the Harris Health System are now implementing the process. Hamad Mahmood, M.B.B.S., is the Medical Director.
- Under the leadership of Medical Director Elizabeth Bosquez, M.D., Cypress Health Center providers continued to have some of the best scores for diabetes Hemoglobin A1c control across the ambulatory platform. The pediatric team provided free immunizations to 296 kids in August at the Cypress Fairbanks ISD Back to School Fair.
- The physicians at Northwest Health Center are actively working on improving the compliance rates of the fecal immunochemical (FIT) test, and over five months, rates increased from 53% to over 81%.
- Faculty and residents play a crucial role in ensuring that Ben Taub meets its breastfeeding initiative goals. Our providers educate obstetrical patients each trimester on how breastfeeding benefits to both the mother and the infant. Lisa Danek, M.D., MBA, is the Medical Director.
- For improvement in quality measures, Gulfgate Health Center continues a program to follow up and to assure the return of all FIT tests. Ann Gotschall, M.D., leads a program by the nursing staff to call all patients who no-show for their retinal scans to reschedule.
- Along with other presentations to the public, our nutritionist, Abigail Gonzalez, gives special nutrition classes demonstrating how to shop for healthy foods. This three part class includes a field trip to the local H-E-B and presenting a \$30 gift card to participants.
- Our Same Day clinics team plays a pivotal role in the management of influenza during the 2018-2019 season, with immediate testing and diagnosis, onsite vaccination, and dispensation of treatment through the system pharmacies. The same day clinic system has emerged as the core clinical provider group within Harris Health, providing acute health care services to the Harris County population during emergencies and natural disasters. Most recently, during Hurricane Harvey and the Galena Park industrial chemical fires, the team worked through temporary health care units to address acute illnesses among the affected population. Same day clinics collaborate with our local Emergency Centers in our shared efforts to triage patients more effectively to the appropriate levels of care so to positively influence our overburdened emergency centers.
- Under the leadership of Medical Director Richard Lyn-Cook, M.D., MPH, our school-based clinics received the 2019 HHS Innovation Award for the Pediatric Telepsychiatry program, plus top scores for patient satisfaction and childhood and adolescent immunization rates. In March 2003, the HHS Mobile Health Program joined forces with the school-based clinics program to provide immunizations to uninsured/underinsured children throughout Harris County. In 2018, these clinics administered 12,660 vaccines to over 5,000 kids.
- In Memoriam: We remember with gratitude and affection, Ms. Anita Scott, FNP-C.

Ben Taub Hospital and Obstetric Care

Located in the heart of the Texas Medical Center, Ben Taub Hospital is an outstanding acute care facility with an elite Level I trauma center that cares for more than 80,000 emergency patients each year.

Ben Taub received the distinction of the Comprehensive Stroke Center Certification awarded by DNV Healthcare, Inc. The hospital also earned the American Heart Association/American Stroke Association's Get with The Guidelines - Stroke Gold Plus Plus-Target: Stroke Honor Roll Elite Plus Award for its commitment and success in providing excellence in stroke care. Ben Taub is also a Chest Pain Center and a Mission: Lifeline Gold Plus Receiving Center for STEMI (heart attack) care.

Eleven full-time family physicians with faculty appointments in our department run the services. In addition to patient care, these family physicians supervise, educate, and train Family Medicine residents on the obstetrical and adult inpatient services.

OB FACULTY

Anjali Aggarwal, M.D.; Rebecca Berens, M.D.; Lisa Danek, M.D., MBA; Anayatzy Franco, M.D.; Suvarna Mahadasyam, M.D.; Rashmi Rode, M.D.; Mohamad Sidani, M.D., MS; Eric Warwick, M.D.

INPATIENT CARE SERVICE PROVIDERS

Rosemin Alimohammad, M.D.; Priya Davar, M.D.; William Huang, M.D.; Peter Jian, M.D.; Fareed Khan, M.B.B.S.; Suvarna Mahadasyam, M.D.; Tahir Maya, M.D.; Crystal Nwagwu, M.D.; Mohamad Sidani, M.D., MS; Irvin Sulapas, M.D.; Eric Warwick, M.D.



MOHAMAD SIDANI, M.D., MS

Department Chief of Service, Ben Taub Hospital

San José Clinic

San José Clinic is Houston's first safety-net clinic, offering high-quality healthcare services to the medically underserved community in Houston since 1922. With a profound concern over the high rates of infant mortality among the local Mexican population, our founder, Monsignor Walsh, appealed to 50 women to donate \$1 to create a safety-net clinic. With the funding received, Monsignor Walsh formed the Charity Guild of Catholic Women. Thus, with a small group of volunteers supporting his vision, Monsignor Walsh was able to establish a clinic offering dental care, prenatal services, free eyeglasses, and medical care to Houston's underserved population. Monsignor Walsh's outcry commenced San José Clinic's mission to provide quality healthcare and education to those with limited access to such services in an environment which respects the dignity of each person—a mission which we have carried out with compassion and fortitude for the past 97 years.

In 2018, San José Clinic received a Hurricane Harvey relief grant to pay patients' lab test fees to alleviate the cost burden from those affected by the hurricane. With that grant, the clinic purchased vaccines that had

COMMUNITY HEALTH CONTINUED

not been obtainable before due to cost. We also acquired the volunteer services of a nephrologist, which has proven to be very beneficial for our patients.

The latest exciting news is our upcoming expansion into Fort Bend County with the opening of a second clinic in Harrisburg scheduled for September 2019.



DIANA GRAIR, M.D.
Medical Director, San José Clinic

Healthcare for the Homeless - Houston

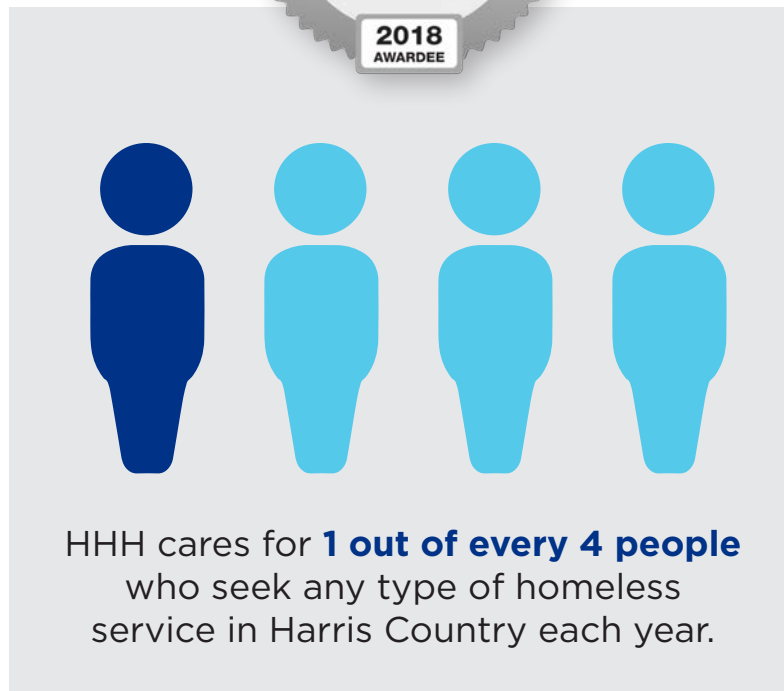
Healthcare for the Homeless - Houston is Houston's only community health center that exclusively provides homeless-specific care. Over our 19-year history, we have grown to serve one out of every four individuals who seek homeless services in Harris County each year. HHH enjoys robust partnerships and collaborations with institutions and organizations that collectively strengthen the community-at-large by making the local safety net more useful for those who are most in need.

IN TIMES OF DISASTER: HHH'S LONG-TERM RESPONSE TO HARVEY

In 2018, for the first time in five years, Houston saw an increase in the number of individuals living on the streets, which was directly related to the long-term aftermath of Hurricane Harvey. Those who lost their housing during the storm and without the resources to rebuild became homeless. Throughout 2018, HHH learned about our adaptability to serve as part of Houston's lengthy response to major disasters. HHH directly served 237 vulnerable individuals who remain without independent housing post-Harvey with wrap-around health and support services.

2018 HEALTH CENTER QUALITY LEADER AWARD

HHH is proud to have been recognized by the Health Resources and Services Administration (HRSA) as a 2018 Health Center Quality Leader, achieving the best overall clinical performance among all health centers, and placing in the top 30% of the adjusted quartile rankings for clinical quality measures.



COMMUNITY INITIATIVE:

Integrated Outpatient Programming to Combat Unmet Mental Health Needs and Homelessness

In FY2019, HHH continues to work with The University of Texas Health Science Center at Houston to launch a new integrated, trauma-informed behavioral health program for addiction treatment and recovery support. With funding from the Substance Abuse and Mental Health Services Administration, the program is expected to last five years and serve 500 individuals. The program targets individuals ages 18 and older with serious mental illness who are experiencing homelessness. The goals of the program are to promote long-term mental health recovery, reduce substance use, and ensure access to primary care, sources of income, and permanent supportive housing. The 107 homeless service providers in The Way Home continuum of care will receive information about the program. This collaborative work will help develop and strengthen a referral network to more effectively aid individuals in exiting homelessness.



NAOMI MCCANTS, M.D., MPH
Medical Director, Healthcare for the Homeless - Houston

“The connection between housing and health is coldly logical. The sick and vulnerable become homeless, and the homeless become sicker and more vulnerable.”

—The Atlantic, 2016



Photo by Healthcare for the Homeless - Houston



YASMEEN QUADRI, M.D.
Medical Director, Healthcare for the Homeless Program, Harris Health

Harris Health System Homeless Clinic

Under the leadership of Yasmeen Quadri, M.D., the HHS Homeless Clinic received the Quality Improvement Award from the U.S. Health Resources and Services Administration (HRSA) for its success in improving various quality measures, including increasing colorectal cancer screening among Harris County's homeless population. The monetary award of \$110,549 will strengthen the homeless program's quality improvement activities. FY2019 was the fourth straight year the homeless program has received national recognition. HRSA announced award honorees during National Health Center Week and on National Health Care for the Homeless Day in August.

Substance Use, Misuse and Disorders

Santa Maria Hostel (SMH) is the largest SUD treatment center for women in Texas and one of the few who welcome children to reside with their mothers during residential treatment. Alicia Kowalchuk, D.O., Maria Mejia de Grubb, M.D., MPH, and Yasmeen Quadri, M.D., provide medically managed withdrawal in a residential setting. Santa Maria Hostel's residential medical detox unit, begun five years ago, is one of only two providing this first step in the recovery process to state-funded admissions in 2018. Beginning in May 2019, our faculty provide long-term medication assisted treatment (MAT) for opioid use disorders (OUD) using buprenorphine products. Providers served nearly a dozen clients during the first month. We work closely with primary care providers at Spring Branch Federally Qualified Health Centers (SBFQHC) on a hub-and-spoke model OUD MAT service provision. Plans include transitioning uninsured SMH residential OUD MAT patients to SBFQHC for ongoing maintenance therapy after completion of residential and intensive outpatient treatment services with SMH. This change will allow us to stabilize and move more patients with OUD into long-term recovery with MAT.

Within the Harris Health System, Dr. Kowalchuk serves as medical director of the InSight Program. InSight's five SBIRT (screening, brief intervention, and referral to treatment) specialists provide brief intervention and treatment referral to patients with substance use, misuse, and SUD at both Ben Taub and LBJ hospitals and emergency centers. Dr. Kowalchuk, working alongside two SBIRT specialists who are masters-level therapists, provides integrated ambulatory addiction medicine treatment services, with 485 patient visits in 2018.

Dr. Kowalchuk also serves as medical director of the Houston Recovery Center, which runs the Sobering Center, a jail diversion program for intoxicated individuals in Harris County. Since the Sobering Center opened its doors measures. Six years ago, Houston jail admissions for public intoxication had fallen from over 15K per year to less than 800 in 2018. In addition to providing a safe place for clients to sober, with over 34.5K admissions and 26.7K unique clients served since 2013, the Center offers 18 months of intensive recovery support services to help clients access treatment services and maintain long term sobriety. Recent service additions include a street outreach team of peer recovery specialists and a partnership with the granted-funded HEROES and FRONTLINES projects to address the opioid epidemic through overdose prevention and linkage to care community programs. Recently the Center was awarded Texas Targeted Opioid Response (TTOR) funding to become an intervention site providing 24/7 drop-in services, including opioid overdose prevention education, naloxone distribution, and rapid linkage to treatment services including MAT.



ALICIA KOWALCHUK, D.O.
Medical Director of Santa Maria Hostel, InSight Program, CARE Clinic and the Sobering Center

Medical Student Education

In 2018, the Department of Family and Community Medicine was selected one of 33 sites nationwide to serve as a sponsor for the American Board of Family Medicine (ABFM) and The Society of Teachers of Family Medicine (STFM) pilot, Precepting Performance Improvement Plan. The initial joint venture, recently completed, offered practice improvement (PI) continuing certification credit (previously MOC Part IV) to ABFM diplomats who provide personal instruction, training, and supervision to a medical student or resident and who participate in a teaching improvement activity.

The PI program allows academic units (Sponsors) to develop and oversee the completion of performance improvement projects that meet the ABFM Family Medicine Certification requirements. Approved Sponsors develop and manage PI projects for teaching physicians without having to apply for each activity for ABFM review.

Forty-two sponsors were initially selected to participate through an application process. During the pilot, which ran from April through December of 2018, sponsors worked with preceptors to:

- Identify areas of teaching that needed improvement
- Create aims that included desired goals and timeframes for achieving improvement
- Conduct interventions
- Measure improvement

To receive PI credit, preceptors also had to complete 180 1:1 teaching hours.

Based on the success of the pilot, the ABFM Performance Improvement Program rolled out to additional Sponsors in March 2019. Family medicine departments, residencies, chapters (or other academic units) approved by the ABFM will be able to develop and oversee the completion of PI projects that meet the ABFM Family Medicine Certification requirements.



WILLIAM HUANG, M.D.
Vice Chair of Education



American Board of Family Medicine



AMERICAN ACADEMY OF FAMILY PHYSICIANS FOUNDATION



EDUCATION CONTINUED

MEDICAL EDUCATION - HOMES CLINIC

Houston Outreach Medicine, Education, and Social Services (HOMES) Clinic, a medical and pharmacy student-led clinic dedicated to providing free medical care to the homeless of Houston, earned a \$9,055 AAFP Foundation's Family Medicine Cares USA. The application was accompanied by letters of support from its community partners, Healthcare for the Homeless - Houston and The Beacon. The funds will enhance the ability of HOMES Clinic to care for the homeless by helping to purchase laboratory equipment for comprehensive patient care. The equipment will include a point-of-care hemoglobin A1C analyzer to aid in the management of diabetes and handheld spirometer for diagnosing chronic obstructive pulmonary disease.

Departmental Electives

The Department of Family and Community Medicine offers several preclinical, clinical, and non-clinical electives that provide medical students an opportunity to experience the dynamic and challenging educational experience our faculty provide. Our mission is to provide quality education in family medicine and to prepare medical students for today's demanding medical environment. Through all of the department's required courses and electives, we seek to develop thoughtful, competent, and compassionate physicians. Check out our website for more information on each course we offer.

With an outpouring of passion for promoting primary care at Baylor College of Medicine and extensive effort, the department created an elective, Longitudinal Community Medicine & Primary Care. The new elective provides early exposure to the relational aspect of community medicine and helps students gain familiarity with concepts central to community medicine, such as the social determinants of health and inter-professional education. Current Baylor medical students, Preeya Bhavsar (MS3), Jeremiah Lee (MS2) and Courtney Pette (MS2), along with faculty Drs. Anjali Aggarwal, Fareed Khan, William Huang, and Roger Zoorob developed the new elective, Longitudinal Community Medicine and Primary Care. Offered for the first time in the fall of 2019, the elective allows second-year students to experience longitudinal primary care in a community setting. The elective consists of three parts:

- Preceptor visits, in which students are paired with a single patient whom they can follow and develop a relationship with over the semester
- Community experiences for students to spend time with patients in the community
- Didactics to supplement the experiential learning with concept-centered classroom learning



ANJALI AGGARWAL, M.D.
Lead Electives Officer

Family Medicine Interest Group

The BCM Family Medicine Interest Group (FMIG) student leaders have taken the initiative to conceptualize and plan programming to promote the specialty of Family Medicine to the medical students at BCM this year. Faculty members within the Department of Family and Community Medicine have provided invaluable mentorship and assistance to the students while promoting the values of family medicine. This year, notable activities included the lecture series, the procedures workshop, and the community medicine elective.

Baylor College of Medicine was well represented at the American Academy of Family Physician National Conference in Kansas City, Missouri, in August. Medical students learn more about the field, engage in policymaking, and speak with residency programs. A handful of members represented the Primary Care Leadership Collaborative (PCLC), a national leadership initiative that seeks to promote education in primary care. There, they gained valuable training in various contexts of leadership to bring back a strong voice for primary care at Baylor College of Medicine.

Our monthly lecture series brings in family physicians from a variety of backgrounds to promote the scope and diversity of family medicine and to demonstrate how one's specific interests can be satisfied through our specialty. An example is a lecture in September in which Dr. Irvin Sulapas highlighted his active sports medicine practice within a family medicine practice. This series has helped open the minds of students to the possibilities found within family medicine.

Geared towards preclinical students, the inaugural FMIG procedures workshop highlighted some of the in-clinic procedures family physicians regularly perform (suturing/knot tying, IUD insertion, ultrasound, circumcision, and skin biopsies). BCM Family Medicine residents helped lead each station. The 2-hour event had 30 student participants who experienced some of the richness of family medicine.

We want to thank our student leaders who have held offices in the student section of the Texas Academy of Family Physicians (Justin Fu, Chair; Mac Light, Secretary; Ryan Trantham, FMIG Liaison).



ERIC LEE, M.D.
Faculty Advisor



Family Medicine Residency

“We are a family of Family Medicine,” and our family is growing. Since the last update, the residency program received confirmation from BCM GME of approval to permanently expand the program size from eighteen (18) to now twenty-one (21) total house staff members. While this may have the appearance of being “one small step,” it was one more than a decade in the making. The academic year 2020 will see the residency program size grow by an additional resident, per graduate year level.

“Our aim: For you to aim higher!” is usually spoken regarding individual resident and faculty achievement. This year, however, it reflects the program at large.

U.S. News & World Report's 2019-2020 rankings placed Baylor College of Medicine as #4 in the country for primary care. U.S. News also highlighted specialty-ranking category for eight residency programs types, and for the first time, Baylor Family Medicine residency program ranked 13th nationally. We celebrate this impressive achievement.

“Our unique context equals your unique opportunity.” Based at the Northwest Community Health Center, part of the Harris Health System, our residency program continues with a focus on caring for underserved populations in Houston-Harris County. The residency program stands at the forefront of resident education, and we are excited to welcome the Class of 2022 to our ranks. At its core, the residency program has a group of dedicated clinical and academic faculty. This academic year the residency program welcomes Crystal Nwagwu, M.D., as a core faculty member. Additionally, we recognize Rebecca Berens, M.D., for her dedication this past year to that same role.

To all our program members, alumni, residents, faculty, and staff: Thank you for living our mission. Thank you for being our achievements. Thank you for making this another remarkable year.



ERIC WARWICK, M.D.
Family Medicine Residency Director

2019 Graduation Award Winners

- Leonard D. Moise Teaching Award – William Huang, M.D.
- Obstetric Deliveries Award – Roslyn Aduhene-Opoku, M.D.
- Academic Achievement Award – Hesham Mohamed, M.D.
- AFMRD Scholarship Award – Amanda P. Gilbert, M.D.
- AFMRD Advocacy Award – Roslyn Aduhene-Opoku, M.D.
- STFM Resident Teaching Award – Eloy Galvan, M.D.
- Ida and Taylor Pickett Award – Amanda P. Gilbert, M.D.



Match Day

Like thousands of other fourth-year medical students that were experiencing the uncertainty surrounding the next few years of their lives, I felt anxious on Match Day. I thoroughly enjoyed my time at Baylor College of Medicine, and my four years in medical school were formative, to say the least. I had the privilege to learn from wonderful professors, connect with remarkable physicians, and collaborate with phenomenal peers.

On Match Day, as I stood amongst my classmates frantically looking for their names on the board, I thought of all the reasons I chose Baylor as my first choice. My sub-internship, family medicine electives, and work with the Care of the Underserved track were all such incredible experiences. I managed to spot my name on the board pretty quickly, and as I raced towards my family at our pre-determined meeting place with the piece of paper containing my fate, the suspense continued to build. Would I be examining patients with Dr. Khan? Discussing the latest preventive medicine guidelines with Dr. Jian? Delivering a baby with Dr. Danek?

As I opened the envelope, there was only one name we were all hoping to see, and sure enough, we were all ecstatic with the result. My anxiety turned into excitement for the adventure ahead. It was a real joy to know I had the honor of continuing this journey in the same place I started it.



RIDA KHAN, M.D.
Second-year Family Medicine Resident

Core Faculty

Fareed Khan, M.B.B.S.
Mohamad Sidani, M.D., MS
Crystal Nwagwu, M.D.
Suvana Mahadasyan, M.D.

2020 Chief Residents

Chavakulam Veebadhari, M.D. (PGY3)
Arindam Sarkar, M.D. (PGY3)

2020 PGY3 Residents

Nidhisha Anireddy, M.D.; Alexander Herrera, M.D.; Daniel Jeffcoat, M.D.; Mohammad Khoaja, M.D.; Stephanie Nguyen, M.D.; Elizabeth Calloway Yanoff, M.D.

2020 PGY2 Residents

Linh Hoang, M.D.; Rida Khan, M.D.; Ngozi Okorafor, M.D.; Xinqi Ren, M.D.; Divya Rathna Subramanian, M.D.; Cathy Xie, M.D.

2020 Interns (PGY1)

Peter Baek, M.D.; Yasmin Chin Uzamere, M.D.; Sara Coverdale, M.D.; Lucy Luc, M.D.; Chinwe Nwokocha, M.D.; Elizabeth Miriam Thoyakulathu, M.D.; Michelle Wheeler, M.D.

The ALSO One Day Course

Our nationally acclaimed Advanced Life Support in Obstetrics (ALSO) training led by the course director, Anjali Aggarwal, M.D., enhances workforce development and training of primary care providers that offer obstetric care. Sponsored by the American Academy of Family Physicians (AAFP), ALSO is an evidence-based, interprofessional, and multidisciplinary training program that equips the entire maternity care team with skills to manage obstetric emergencies effectively. The comprehensive course encourages a standardized team-based approach among physicians, residents, nurse midwives, registered nurses, and other members of the maternity care team to improve patient safety and positively affect maternal outcomes.

Fifty-six participants from the family medicine residencies at BCM, UT, Houston Methodist, and Round Rock, plus 20 faculty (including one certified instructor who came from California), gathered for this year's course on August 23, 2018. The upcoming course is scheduled for August 15-16, 2019.



T-32 Fellowship

The Department of Family and Community Medicine at Baylor College of Medicine offers an innovative, full-time primary care research fellowship (T-32) to postdoctoral students. This fellowship features a two-year core curriculum (featuring clinical epidemiology, health informatics, the analysis of large administrative databases, and cost-effectiveness analysis), emphasizes multidisciplinary team-based mentoring, and offers a diverse spectrum of primary care research opportunities from an existing inter-institutional collaborative housed within the largest medical center in the world. Fellows also have the opportunity to pursue a graduate degree and professional certificates to enhance their training. All fellows establish their own tailored, interprofessional mentoring team and an individualized plan of measurable objectives. Each mentoring team is constructed to function as a “mentoring mosaic” and consists of at least a peer mentor, a career mentor, and the mentoring chair.

This year our fellows published extensively in the peer-reviewed literature, gave oral and poster presentations at local, state, and national conferences, received awards in primary care, and were selected to serve on prestigious national committees and content working groups. They are an integral part of our research team in Family and Community Medicine.

Faculty Development and Promotion

Based on faculty feedback, the department has identified promotion and tenure, professional growth resources and opportunities, and faculty mentoring as key opportunity areas for improvement. In response, a new Office of Faculty Development (OFD) has been appointed to support all activities that faculty pursue to improve their knowledge, skills, and behaviors in research, education, patient care, service, and professionalism.

Roger J. Zoorob, M.D., MPH, FAAFP, a strong advocate for the development of all faculty, oversees the OFD, and William Huang, M.D., Vice Chair of Education, is the direct contact for residency faculty and FGP faculty. Jason L. Salemi, Ph.D., MPH, Associate Professor, was recently appointed as Director of Faculty Development and is charged with working with the Chair and departmental leaders to create and continually update faculty development plans to be responsive to departmental faculty needs. Malvika Juneja, M.D., Associate Professor, serves as the new Associate Director of Faculty Development and prioritizes the provision of support, guidance, and resources for all Community Health Programs faculty.

The OFD is prioritizing the following activities as part of its mission:

- Promote a culture of change by helping to develop policies that support and reward excellence, recognize innovation and scholarship, and improve resources (e.g., workshops and seminars) for both junior and senior faculty members.
- Mentor junior faculty to identify gaps and opportunities to improve the chances of promotion.
- Implement a mid-tenure and mid-promotion process and provide oral/written feedback to faculty applicants concerning their progress toward promotion.
- Provide consultation to administration and faculty regarding the Faculty Appointments and Promotions Institutional Guidelines.
- Work with junior faculty to develop scholarly products and enhance their scientific potential.
- Disseminate faculty promotions metrics and resources through reports and faculty meeting presentations.





Grand Rounds

Grand Rounds covered various topics in primary care and family medicine and offered continuous education credit. Enhancements implemented in 2019 include the formation of a coalition of peer reviewers to evaluate speaker strength and each activity. We launched a new design of split grand rounds where departmental speakers collaborate with the speaker to build presentations and then open sessions with relevant questions to the guest speakers to ensure primary care relevance of topics.

DEPARTMENT SPEAKERS

- Alicia Kowalchuk, D.O.: Hot topics in SUDs
- William Huang, M.D.: Using case studies to learn from each other as primary care physicians
- Roger Zoorob, M.D., MPH, FAAFP, and Maria Mejia de Grubb, M.D., MPH, FACPM: Shared decision-making

GUEST SPEAKERS

- Sankar Navaneethan, M.B.B.S., MS, MPH: Management of chronic kidney disease and its complications
- David Hyman, M.D., MPH: Controlling hypertension in primary care: Hitting a moving target?
- Theodore Rosen, M.D.: Management of the itchy patient
- Feranmi Okanlami, M.D., MS: Linguistic and cultural competency in a primary care setting
- Nicola Alexander Hanania, M.D., MS: Evaluation and management of shoulder pain in primary care

Primary Care Update

McMillan Auditorium was the site for Primary Care Update on March 23, 2019. This one-day conference provides evidence-based advice in a non-commercial setting. Participating in the annual event were over 100 providers from Baylor College of Medicine, Baylor St. Luke's, and other greater Houston institutions.

PRESENTERS INCLUDED:

- Arunima Misra, M.D.: CHF: Diagnosis, staging and evidence-based updates
- Aimee Garcia, M.D.: Wound care
- Sahil Mittal, M.D., MS: Functional bowel disorders
- Maher Karam-Hage, M.D.: Smoking cessation: Newer options and updates
- Judy Levison, M.D.: Abnormal Cervical Cytology: What do I do next?
- Ida Orengo, M.D.: Common skin lesions in primary care
- Savitri Fedson, M.D.: End of life decision: Medical facts & patient preferences

This year's annual event included a poster session. Following a dual review and a blind assessment, 16 posters were accepted, and from those, judges chose the best poster in each category:

FIRST PLACE STUDENT POSTER

Bhavsar P, Pette C, Lee J, Khan F, Huang W, Zoorob R, Aggarwal A. Addressing gaps in primary care education: A primary care elective created by medical students.

FIRST PLACE RESIDENT POSTER

Sakar A, Nguyen S, Yanoff B, Varadarajan S. Assessing and addressing pediatric immunization schedule non-compliance.

FIRST PLACE FELLOW POSTER

Raza SA, Salemi JL, Zoorob R. Using the geospatial distribution of age-adjusted gender disparities in cancer incidence to explore etiologic hypotheses.

FIRST PLACE FACULTY POSTER

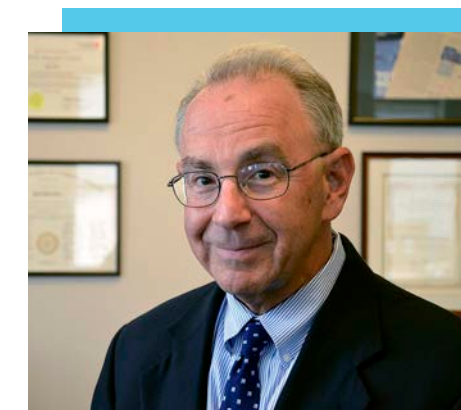
Rode R, Shah N. Closing the gap between non-compliance and ignorance by meaningful use of AVS.

FIRST PLACE RESEARCH FACULTY POSTER

Grigoryan L, Zoorob R, Wang H, Shah J, Arya M, Trautner B. Inappropriate prescribing of antibiotics for acute uncomplicated bronchitis in adults.

Chair's Lecture

On November 16, 2018, David M. Stern, M.D., a national authority on opioids, presented the inaugural Chair's Lecture, "Halting the opioid epidemic...it takes a village." Dr. Stern shared his experience fighting the misuse of opioids in western Tennessee. Dr. Stern has served as Dean of the University of Tennessee Health Sciences Center, as the chancellor for statewide initiatives on addiction, and as a member of the Governor's Commission on Pain and Addiction.



RESEARCH MISSION AREA

Clinical Research Methods

Hamisu Salihu, M.D., Ph.D., Vice Chair of Research, has expanded the departmental flagship courses in clinical research methods to include intermediate menus with a plan to introduce AI (artificial intelligence) training for practicing physicians.

Beginner Course



This course will focus on providing hands-on competency for the most common introductory statistical procedures used in clinical research. At the end of the course, participants will be able to perform independently and interpret the results of the following statistical procedures using SAS software: two sample t-test, paired sample t-test, one sample t-test, Pearson's Chi-squared test, Fisher's exact test, McNemar's test, correlation, simple linear regression, one-way ANOVA.

Intermediate Courses

Tailored for the busy healthcare professional, our two-day intensive courses in clinical research for those who would like to review and discuss critical fundamental concepts in research methodology. Participants have the opportunity to learn from an expert medical researcher who has published hundreds of papers and successfully acquired many federal grants. All analyses are conducted using SAS software.

INTERMEDIATE COURSE A: TRAINING IN ANALYSIS OF CONTINUOUS OUTCOME DATA

Provides hands-on competency for the most common statistical procedures used to analyze continuous outcome data.

INTERMEDIATE COURSE B: TRAINING IN ANALYSIS OF CATEGORICAL OUTCOME DATA

Focus on providing hands-on competency in the most common statistical procedures used to analyze categorical outcome data. At the end of the training, course participants will be able to perform independently and interpret the results of the following statistical procedures using SAS software: Pearson's Chi-square test, Fisher's exact test, McNemar's test, logistic regression, multiple logistic regression, multinomial logistic regression, ordinal logistic regression, conditional logistic regression.

INTERMEDIATE COURSE C: TRAINING IN SURVIVAL ANALYSIS TECHNIQUES USING SAS

Provides hands-on competency concerning the most common statistical procedures used to analyze time-to-event data. At the end of the course, participants will be able to perform independently and interpret the results of the following statistical procedures using SAS software: Kaplan Meier curves, log-rank test, Cox proportional hazards regression.

Center for Prevention, Primary Care, and Population Health Research

The Center for Prevention, Primary Care, and Population Health Research (CP3R) is an evolving research group with a confluence of interests, stakeholders, and members with mutually reinforcing skill sets and specialties. Together we leverage a variety of resources, from access to large data sets, a diversity of inter-professional knowledge bases, access to community service providers and populations, and mentorship and networking opportunities. We aim to attract faculty and fellows with aligning interests to strengthen our teams and advance their work.



FY2019 has been a very successful year, as we have amassed several publications across all four areas of focus: Maternal-Fetal Health, Antibiotic Stewardship, Chronic Disease Prevention, and Substance Use & Primary Care. The team submitted many federal grant proposals: the Substance Use & Primary Care focus area led by Drs. Kowalchuk and Gonzalez received funding for their third SAMHSA Targeted Capacity Expansion-HIV Program (TCE-HIV), aptly named Project Reach, through a collaboration with The Houston Recovery Center. This 5-year project aims to expand substance use disorder treatment and HIV-related services for racial/ethnic minority individuals in the greater Houston area. Led by the site Project Director, Dr. Zoorob, project personnel from the department are providing clinical expertise and supervision, training and technical assistance, and evaluation services. The team also continues their work in substance use disorder prevention and treatment through SAMHSA-funded collaborations with local and state service providers, including the Center for Recovery and Wellness Resources, Santa Maria Hostel and Behavioral Health Solutions of South Texas.

Drs. Zoorob and Mejia de Grubb entered year two of their CPRIT funding for tobacco cessation and lung cancer screening, which marked the launching of two smoking cessation clinics at the MLK and Smith health centers of the Harris Health System. Most recently, the teams displayed their work at the STFM Annual Spring Conference in Toronto, Ontario, Canada.



ROGER ZOOB, M.D., MPH, FAAFP
Director, CP3R



JASON SALEMI, PH.D., MPH
Director of Analytics, CP3R



SANDRA GONZALEZ, PH.D., LCSW
Director of Operations, CP3R

RESEARCH FUNDING

Equitable access to lung cancer screening and smoking cessation treatment: A comprehensive primary care and community health approach

03/01/2018 02/28/2021

Cancer Prevention and Research Institute of Texas (CPRIT) #PP180016

\$1,472,918 (total award)

Zoorob

Primary Care Innovation Program Primary

11/01/2017 10/31/2022

Texas Higher Education Coordinating Board 17366

\$173,256

Warwick

Fetal Alcohol Spectrum Disorders Practice and Implementation Centers: High Impact Projects and Systems Change

09/30/2016 09/29/2019

Centers for Disease Control & Prevention (CDC) DD14/14020301SUPP16

Zoorob

National Research Service Award

7/01/2016 06/30/2021

HRSA T32HP10031-18

\$1,725,796 for 5 years

Zoorob

BCM BEAMS: Buprenorphine Education among Medical Students

9/30/2018 09/29/2021

SAMHSA TI081675/01

\$150,000 annually

Kowalchuk

FRONTLINES: First responder opioid overdose naloxone training and linkage into needed evidence-based services

09/30/2018 09/29/2022

SAMHSA SP080300/01

\$1,000,000 (first two years)

Kowalchuk

CHOICES4HEALTH: A tablet-based Intervention to Prevent Substance Exposed Pregnancy in Primary Care

10/01/2015 09/30/2019

National Institute on Alcohol Abuse and Alcoholism (NIAAA) R01 AA022924

\$436,515 annually

Kowalchuk

Early stage investigator seed grant: Antimicrobial resistance leadership group

12/01/2017 11/30/2019

National Institute of Allergy and Infectious Diseases of the NIH UM1AI104681

\$50,000

Grigoryan

Less is more: Improving antimicrobial stewardship for asymptomatic bacteriuria

09/01/2017 09/01/2020

Health Services Research and Development/Veterans Health Administration

\$1,099,000

Grigoryan

Reducing use of antibiotics without a prescription among outpatients in a safety net healthcare system

07/01/2019 04/30/2024

Agency for Healthcare Research and Quality (AHRQ) R01HS026901

\$2,500,000 (Total direct cost)

Grigoryan

Optimizing bacteriuria management in veterans with spinal cord injury

11/01/2017 10/31/2022

VA HSR&D CDA HX002484

\$214,270

Grigoryan

Targeted Capacity Expansion: HIV program: Substance use disorder treatment for racial/ethnic minority populations at high risk for HIV/AIDS. Subaward/consortium agreement with Houston Recovery Center (Project Reach)

09/01/2017 08/01/2022

SAMHSA TI080684

Zoorob (Kincaid, PD)

Reducing Health Disparities in Primary Care through a Family Medicine/Library Alliance

09/01/2017 08/01/2020

National Library of Medicine (NLM) 1G08LM012634/01

\$300,000 (direct for entire period)

1G08LM012634-01

Spooner/Zoorob

Baylor College of Medicine Center of Excellence in Health Equity, Training, and Research

07/01/2017 06/01/2022

HRSA D34HP31024

\$3,141,292 (direct for entire period)

Salihu (PD: Harris)

Birth defects surveillance in Texas: Methodological enhancement and impactful data utilization

02/01/2017 01/31/2020

CDC NU50DD004942

\$15,844 (annual direct, BCM subcontract only)

Salemi

Reducing racial/ethnic disparities in CRC screening: A comprehensive EMR-based patient navigation program including technology-driven CRC outreach and education

09/01/2016 08/30/2019

Cancer Prevention & Research Institute of Texas (CPRIT) 1PP160122

\$1,477,698 (direct for entire period)

Rustveld

MCH Student Training for Academic Readiness and Success (MCH STARS)

06/01/2016 05/30/2021

HRSA T32HP10031

\$442,461 (direct for entire period)

Salihu

Enhancing birth defects surveillance, education, and prevention programs by integrating surveillance data with public health programs

02/01/2016 01/31/2020

CDC

\$23,454 (annual direct, BCM subcontract only)

Salemi

Female Offender Re-entry Movement (FOR Me)

07/01/2017 09/29/2019

SAMHSA TI0266609362

\$264,680

Mejia de Grubb

Minority treatment access/Rio Grande Valley (MTA/ RGV)

09/30/2017 09/29/2022

SAMHSA H79TI080684

\$497,731

Gonzalez (PD: Sanchez)

RESEARCH FUNDING CONTINUED

BCM Cancer Center (P30 Smoking Cessation suppl)

07/01/2017 12/31/2019

#P30 CA125123-06

\$186,835

Mejia de Grubb (PI: Osborne)

Pregnant and Mothers Postpartum Enhanced Recovery/oriented Residential Services (PAMPERRS) (Subaward: UT/San Antonio)

10/04/2017 09/29/2019

SAMHSA

\$111,753

Nash (PI: Bray)

GRANTS COMPLETED - FY2019

Peer Recovery Expansion Project Grant

09/30/2016 09/29/2019

SAMHSA H78TIO26609

\$100,000

MacMaster

Healthy Start initiative eliminating racial/ethnic disparities

09/01/2014 05/30/2019

HRSA H49MC12793

\$200,886 (annual direct)

Salihu/ReachUp Inc./USF

Implementation of antimicrobial stewardship intervention on adherence to uncomplicated cystitis guidelines in primary care

02/10/2017 02/09/2019

Zambon Pharmaceuticals

\$50,000 (Annual direct cost); \$100,000 (Overall direct cost)

Grigoryan

Targeted Capacity Expansion: Substance Use Disorder Treatment for Racial/Ethnic Minority Populations at High/Risk for HIV/AIDS

09/30/2015 09/29/2018

SAMHSA TIO26186

\$998,989

Zoorob

Screening, Brief Intervention, and Referral to Treatment (SBIRT) Health Professions Student Training

09/30/2015 09/29/2018

SAMHSA TIO25979

Zoorob (PD: Ernst)

MCH Pipeline Training Program

06/01/2016 05/31/2019

HRSA T16MC29831

\$165,000

Salihu

Coaching and Education for Diabetes Distress (CEDD)

07/01/2018 06/01/2019

Institute of Coaching NCT03617146

\$39,190

Salemi (PI: Chima)

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Gonzalez SJ. Prevention in Practice: A case for an interprofessional approach to preventing alcohol-exposed pregnancy. NASW Specialty Practice Sections. Spring/Summer 2019

Khan SF, Dongarwar D, Aliyu MH, **Salihu HM.** [Multicountry analysis of pregnancy termination and intimate partner violence in Latin America using demographic and health survey data.](#) *Int J Gynaecol Obstet.* 2019 Jun 1 [Epub ahead of print]

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Mogos MF, **Salemi JL**, Phillips S, Piano MR. [Contemporary appraisal of sex differences in prevalence, correlates, and outcomes of alcoholic cardiomyopathy.](#) *Alcohol Alcohol.* 2019 June 17 [Epub ahead of print]

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Faustinella F, Frigini AL. [Abdominal pain in the younger adult: Let's don't forget acute diverticulitis.](#) *J Urgent Care Med.*

Tenkku Lepper L, King D, Doll J, **Gonzalez S,** Mitchell A, Hartje J. [Partnering with the health professions to promote prevention of an alcohol-exposed pregnancy: Lessons learned from an academic-organizational collaborative.](#) *Intl J Environ Res Public Health.* 2019;16(10):1702

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IN THE PRESS

Decker K, Sherling DH, Drowos J, Hennekens CH, **Levine RS.** Southeast United States counties in Georgia and Florida with lower cancer mortality rates in Blacks: Possible clues to reducing racial inequalities. *Arch Public Health and Res.*

Faustinella F. Freedom, Cortada. *The Avalon Literary Review*

Reyes FI, **Salemi JL,** Dongarwar D, Magazine CB, **Salihu HM.** Prevalence, trends, and correlates of malnutrition among hospitalized children with cerebral palsy in the United States. *Dev Med Child Neurol.*

Faustinella F. A very persistent cold. *Ann Intern Med.*

Grigoryan L, Zoorob R. Use of antibiotics without a prescription in the United States population: A scoping review. *Ann Intern Med.*

Mejia de Grubb MC, Salemi JL, Chima CC, **Gonzalez SJ, Kowalchuk AA, Zoorob RJ.** Opioid, cocaine, and amphetamine use disorders are associated with higher 30-day inpatient readmission rates in the United States. *Subst Abuse.* 2019 Jul 11 [Epub ahead of print]

Alzate MM, Dongawar D, *Matas J, Salihu H.* Phenotypes and markers of caesarian section delivery among Colombian women. *Int J Gynecol Obstet.*

Rubenstein A, Wood SK, **Levine RS,** Hennekens CH. Alarming trends in deaths from firearms among US schoolchildren. **Am J Med.**

Drekonja DM, **Grigoryan L,** Lichtenberger P, Graber C, Patel P, Van JN, Dillon L, Wang Y, Gauthier T, Wiseman S, Shukla B, Naik AD, Hysong SJ, Kramer JR, Trautner BW. Teamwork and safety climate affect antimicrobial stewardship for asymptomatic bacteriuria. *Infect Control Hosp Epidemiol.* 2019 Jul 24:1-5 [Epub ahead of print]

PRESENTATIONS

JULY 2018

INTERNATIONAL ACADEMY OF CARDIOLOGY 23RD WORLD CONGRESS ON HEART DISEASE

Husaini BA, **Levine RS**, Novotny M, Moonis M. Examining variation in stroke risk factors and hospital cost by age and gender in California.

AUGUST 2018

2018 HOUSTON VA QUALITY SCHOLARS SUMMER INSTITUTE CONFERENCE

Varadarajan S. QI mentoring in a family medicine residency.

2018 PUBLIC HEALTH INFORMATICS CONFERENCE

Hansen MA, Salemi JL, Zoorob R, Shegog R. Studying technology acceptance to improve advanced usage of patient portals.

INNOVATIONS IN BEHAVIORAL HEALTHCARE

Gonzalez S. Defining the LGBTQ community in treatment and measuring outcomes.

SEPTEMBER 2018

INTERNATIONAL NETWORK ON BRIEF INTERVENTIONS FOR ALCOHOL AND OTHER DRUGS (INEBRIA) 2018

Gonzalez SJ, Kowalchuk AA, Zoorob R. Implementing alcohol screening and brief intervention in a private, primary care healthcare system: Lessons learned from the Texas High-Impact Project.

Kowalchuk AA, Gonzalez SJ, Zoorob R. Through the looking glass: Viewing alcohol screening and brief intervention (aSBI) through the lens of alcohol exposed pregnancy (AEP) prevention.

2018 ACADEMY OF DISTINGUISHED EDUCATORS ANNUAL SHOWCASE OF EDUCATIONAL SCHOLARSHIP

Trantham R, Fu, J, Verghese B, **Nash S, Huang W, Zoorob R, Aggarwal A**. Electronic order entry as an educational tool in a family medicine preceptor site.

OCTOBER 2018

TAFP ANNUAL SESSION & PRIMARY CARE SUMMIT

Faustinella F. Writing as a means for coping with stress.

FOOD & NUTRITION CONFERENCE & EXPO (FNCE) 2018

Carvalho-Salemi J, **Salemi JL**, Wong Vega MR, Canada NL, **Spooner KK**, Beer SS, Juarez MD. Updated trends and outcome in pediatric malnutrition 2012-2014. J Acad Nutr Diet. 2018 Sep;118(9)Supp:A22

HRSA T32 FELLOWSHIP WEBINAR

Hansen M, Salemi JL, Zoorob R, Shegog R. Studying technology acceptance to improve advanced usage of patient portals.

AMERICAN SOCIETY OF TROPICAL MEDICINE AND HYGIENE (ASTMH) 67TH ANNUAL MEETING

Hansen MA, Ronca S, Gorchakov R, Nolan M, Murray K. West Nile and other viruses plenary session: Cytokine profiles of West Nile virus cases who developed chronic kidney disease.

IDWEEK 2018

Germanos G, Trautner BW, **Zoorob RJ**, Drekonja DM, **Salemi JL**, Gupta K, **Grigoryan L**. No benefit to treating male UTI for longer than 7 days: An outpatient database study.

Hansen MA, Samannodi M, Hasbun R. Characteristics, risk factors, and outcomes of encephalitis in older adults.

Samannodi M, **Hansen MA**, Hasbun R. Lack of accuracy of the international classification of disease – Nine codes in identifying patients with encephalitis.

Samannodi M, **Hansen MA**, Hasbun R. Diagnostic evaluation and compliance with the Infectious Diseases Society of America (IDSA) guidelines in 264 adults and children.

Hansen MA, Samannodi M, Castelblanco RL, Hasbun R. Prognostic factors in adults with encephalitis: An analysis of 340 cases.

Trautner BW, Drekonja DM, Patel P, Graber C, Gauthier T, Rosen T, Dillon L, Lichtenberger P, Naik A, **Grigoryan L**. Preparing for an antibiotic stewardship intervention through nursing surveys of knowledge and safety.

JOURNAL OF URGENT CARE MEDICINE WEBINAR

Faustinella F. The use of ultrasound to increase profit and grow business in the urgent care center.

NOVEMBER 2018

NORTH AMERICAN PRIMARY CARE RESEARCH GROUP (NAPCRG) ANNUAL MEETING

Agana DFG, Striley C, Carek PJ. Understanding the middle-tier population of ambulatory care sensitive 30-day readmissions: Using the nationwide readmissions database.

RURAL SCHOOL MIGUEL VALENCIA WORKSHOPS IN JARDÍN, ANTIOQUIA, COLOMBIA

Alzate MM. Learn about emotional self-regulation to 28 pre-teens and adolescents.

Alzate MM. Behavior management in the classroom to 15 school teachers.

DIRECTORS OF CLINICAL SKILLS (DOCS) ANNUAL MEETING

Kowalchuk A, Lazarescou N, Suh M. Addressing racism within a social determinants of health module: The Baylor College of Medicine experience.

TAFP ANNUAL SESSION & PRIMARY CARE SUMMIT

Sulapas I. Introducing MSK ultrasound in a family medicine clerkship: an update with student reviews.

AMERICAN ACADEMY OF PEDIATRICS NATIONAL CONFERENCE & EXHIBITION

Rodrigo OD, Wood SK, Hennekens CH, **Levine RS**. Another racial divide: Greater disparities in black-white infant mortality from necrotizing enterocolitis of the newborn.

HHS ACS QUALITY IMPROVEMENT WEEK 2018

Fields-Gilmore JR. "I'm Listening:" A quality improvement project focused on patient-centered communication enhancement of Northwest Clinic. *Selected a finalist

NARRATIVE MEDICINE PROGRAM WORKSHOP AT BAYLOR COLLEGE OF MEDICINE

Rode R, Sulapas I, Nietfeld L, Shah NP. Closing the gap between noncompliance and ignorance by meaningful use of AVS.

Faustinella F. Writing as a means for coping with burnout.

PRESENTATIONS CONTINUED

ANNUAL BAYLOR COLLEGE OF MEDICINE ACADEMY OF DISTINGUISHED EDUCATORS SHOWCASE OF EDUCATIONAL SCHOLARSHIP

Thompson DS, **Gonzalez S**, Waters V, **Zoorob R**. Integrative treatment for substance use disorder and HIV-AIDS among at-risk women: A pre-post comparison of health-related outcomes.

STORIES FROM THE HEART OF MEDICINE COMBINED INITIATIVE: BCM NARRATIVE MEDICINE PROGRAM AND MCGOVERN CENTER FOR HUMANISM AND ETHICS. MCGOVERN MEDICAL SCHOOL

Faustinella F. Daisies for Hope.

DECEMBER 2018

STFM CONFERENCE ON PRACTICE IMPROVEMENT

Varadarajan S, Juneja M, Sung A, Barning K, Zoorob R. Work in Progress: Central repository for research and improvement activities.

Fields-Gilmore J, Danek L, Galvan E, Mahadasyam S, Patterson A, Salemi J, Varadarajan S, Warwick E. "I'm listening:" Patient centered communication enhancement at Northwest Clinic.

Huang W, Ruiz E, Purkiss J. Promoting effective feedback by clerkship preceptors through an ABFM/STFM pilot precepting performance improvement activity.

Faustinella F, Zoorob R. Obstacles to health care access among racial and ethnic minorities and development of the same day clinic system.

AMERICAN SOCIETY OF HEMATOLOGY ANNUAL MEETING

Rivero G, Noguera P, Moreno S, Dongarwar D, **Salemi JL, Salihu HM**. Excess in atherosclerotic and inflammametabolic diseases are differentially expressed in myelodysplasia and are highly dependent on age, R-IPSS and ethnicity.

JANUARY 2019

FIRST ANNUAL TEXAS MEDICAL CENTER ANTIMICROBIAL RESISTANCE AND STEWARDSHIP CONFERENCE

Grigoryan L, Germanos G, Zoorob R, Raphael J, Paasche-Orlow M, Trautner B. Use of antibiotics without a prescription in the United States.

FEBRUARY 2019

ADA (AMERICAN DIABETES ASSOCIATION) DIABETES IS PRIMARY CONFERENCE

Shah NP. Tailoring treatment to social context.

SOCIETY FOR MATERNAL FETAL MEDICINE ANNUAL MEETING

Kendle AM, **Salemi JL**, Tanner JP, Louis J. New WHO definition of maternal sepsis captures milder cases compared to Sepsis-2.

Kendle AM, **Salemi JL**, Tanner JP, Louis J. Delivery-associated sepsis: trends in morbidity and mortality.

STFM CONFERENCE ON MEDICAL STUDENT EDUCATION

Sung A, Barning K, Varadarajan S, Juneja M, Thangarala A, **Huang W, Zoorob R**. In-Progress Research Project: Responding to medical student and faculty research interest by creating a central database of FCM department scholarly activity.

Juneja M, Gill A. Cultural humility and social determinants of health: A curriculum designed to enhance medical student awareness, attitudes and competency.

Huang W, Ruiz E, Prukiss J. Work in Progress: Promoting effective feedback by clerkship preceptors through an ABFM-STFM pilot precepting performance improvement activity.

INTERNATIONAL STROKE CONFERENCE

Husaini BA, **Levine RS**, Novotny M, Moonis M. Changes in risk factors and hospital cost of stroke care among California elderly over four years, 2007-2010.

UNIVERSITY OF SOUTH CAROLINA/SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (USC/DHEC) HEALTH DATA SYMPOSIUM 2019

Elmore A, Tanner JP, Lowry J, Lake-Burger H, **Salemi JL**. Assessment of the accuracy of ICD-10 codes for neonatal abstinence syndrome surveillance.

MARCH 2019

PRIMARY CARE UPDATE CONFERENCE

Rode R, Shah N. Closing the gap between non-compliance and ignorance by meaningful use of AVS. *First Place Faculty Poster

Grigoryan L, Zoorob R, Wang H, Shah J, Arya M, Trautner B. Inappropriate prescribing of antibiotics for acute uncomplicated bronchitis in adults. *First Place Research Faculty Poster

Bhavsar P, Pette C, Lee J, **Khan F, Huang W, Zoorob R, Aggarwal A**. Addressing gaps in primary care education: A primary care elective created by medical students. *First Place Medical Students Poster

Sakar A, Nguyen S, Yanoff B, Varadarajan S. Assessing and addressing pediatric immunization schedule non-compliance. *First Place Resident Poster

Raza SA, Salemi JL, Zoorob R. Using the geospatial distribution of age-adjusted gender disparities in cancer incidence to explore etiologic hypotheses. *First Place Fellow Poster

Aggarwal A, Sidani M, Nash S, Warwick E, Jeffcoat D, Zoorob R, Salihu H. Development of a workshop in Ob-Gyn ultrasound simulations.

Sung A, Tran E, Wang H, Sidani M. Challenges and lessons learned in improving reported preventive screening rates.

Mehrotra N, Aggarwal A, Nash S, Khan F, Zoorob R. Improving workflow for medical record charts and forms at a community health center.

Aggarwal A, Salemi JL, Nash SG, Matas JL, Zoorob R, Salihu HM. Integration of innovative simulation exercises to the Advanced Life Support in Obstetrics (ALSO®) Provider Course: Impact on trainee knowledge, skills, and confidence.

Trantham R, Fu J, Verghese B, **Nash S, Huang W, Zoorob R, Aggarwal A**. Electronic order entry as an educational tool in a family medicine preceptor site.

Sarkar A, Ren X, Xie C, Hoang L, Yanoff B, Juneja M. Identifying barriers to research participation in a residency program.

Raza SA, Salemi JL, Zoorob R. Exploring the global impact of gender biases in cancer registration on reported gender disparities in cancer incidence.

PRESENTATIONS CONTINUED

Agana DF, Striley CW, Young ME, Cook R, Cruz-Almeida Y, Carek PJ. Understanding the readmitting population among primary care patients: a mixed methods study.

Agana DF, Striley CW, Cook R, Cruz-Almeida Y, Carek PJ, Salemi JL. Identifying ambulatory care sensitive related readmissions and characterizing readmission behavior: An analysis from the nationwide readmissions database.

Faustinella F, Zoorob R. Obstacles to health care access among racial and ethnic minorities and the development of the same day clinic system.

Faustinella F, Blumenreich J. An uncommon clinical presentation of ovarian torsion.

Grigoryan L, Zoorob R, Wang H, Horsfield M, Gupta K, Trautner B. Lack of clinical benefit with longer antimicrobial treatment of acute cystitis.

Grigoryan L, Nash S, Trautner B. Treatment of urinary tract infections in primary care: Identifying barriers to evidence-based prescribing.

Hansen MA, Salemi JL, Zoorob R, Shegog R. Studying technology acceptance to improve advanced usage of patient portals.

Hansen MA, Samannodi M, Hasbun R. Characteristics, risk factors, and outcomes of encephalitis in older adults.

Burdick B, Wang D, Edmondson E, Agha M, Gill A, **Juneja M**. Teaching the social determinants of health and cultural humility to increase the knowledge, skills, and attitudinal competencies in third year medical students.

Agha M, Burdick B, Ikejiani S, Edmondson E, Wang D, **Juneja M**. Implicit bias and health equity: Personal and institutional responsibility.

Waqar A, Nash S, Bray J. Effect of motivational interviewing (MI) in obese patients.

Slater B, **Sung A, Varadarajan S, Juneja M, Salemi JL, Zoorob R**. Christner J. Passion, prestige, or pressure: Trends of medical student involvement in research.

Germanos GJ, Trautner BW, **Zoorob R, Salemi JL**, Drekonja D, Gupta K, **Grigoryan L**. No clinical benefit to treating male urinary tract infection longer than seven days: An outpatient database study.

HENRY JN TAUB & JAMES K. ALEXANDER MEDICAL STUDENT RESEARCH SYMPOSIUM

Bhavsar P, Pette C, Lee J, Khan F, Huang W, Zoorob R, Aggarwal A. Addressing gaps in primary care education: A primary care elective created by medical students. *First place outstanding poster in educational research.

SOCIETY FOR PEDIATRIC ANESTHESIA/AMERICAN ACADEMY OF PEDIATRICS (SPA-AAP) ANNUAL MEETING

Salemi JL. Workshop: Clinical Research - From idea to publication.

TEXAS SOUTHERN UNIVERSITY RESEARCH WEEK

Nwangwu O, Thompson J, Gendra S, Coker V, Kutse S, Blanco M, Onyenaka C, King C, Enamorado E, Bakare O, Ajewole VB, **Spooner KK, Salemi JL, Salihu HM**, Olaleye OA. The prevalence of pre-eclampsia in hospital pregnancy discharges: Racial disparities and maternal HIV status.

Alexander J, Varnado L, Adenote A, Bailey J, Ezuudu C, Nelson P, Shavers A, Telufusi A, **Spooner KK, Salemi JL, Salihu HM**, Olaleye OA. Pregnancy complications among women with gestational malaria in the United States: Maternal and birth outcomes.

Williams C, Odeh E, Peh N, Hooker H, Wiseman S, Brock T, Payne-Green E, Chukwudum C, Loudd G, Shelton

A, **Spooner KK, Salemi JL, Salihu HM**, Olaleye OA. Trends and risk factors for leishmaniasis among women of reproductive age in the United States, 2002 to 2015.

Kaur M, Nunez L, Awazi A, Mallet J, Kennedy K, Cano M, Dike C, Okwudi J, Stewart J, Igwegbe D, Estes FG, **Spooner KK, Salemi JL, Salihu HM**, Olaleye OA. Trends and risk factors for Chagas disease among women of reproductive age in the United States, 2002 to 2015.

DAN L DUNCAN COMPREHENSIVE CANCER CENTER (DLDC) 16TH ANNUAL SYMPOSIUM

Mejia de Grubb MC, Mosqueda M, Zoorob R, Levine RS. Equitable access to lung cancer screening and tobacco cessation treatment: Key informant responses prior to implementation of a new program.

NCQA ALCOHOL LEARNING COLLABORATIVE

Zoorob R, Salemi JL, Gonzalez SJ, Spooner KK, Sidani M. Alcohol screening and brief intervention in primary care settings.

APRIL 2019

ALLIANCE FOR ACADEMIC INTERNAL MEDICINE: ACADEMIC INTERNAL MEDICINE WEEK 2019

LaCour-Chestnut F. Social determinants of health: Residency curriculum implementation.

STFM ANNUAL SPRING CONFERENCE

Salemi JL, Modak S, Raza AS, Zoorob R, Mejia de Grubb MC. Opioid use during pregnancy increases postpartum readmission rates in women with and without major obstetric comorbidities. *Selected a top-ranked and highest regarded in the submission category, and received the distinguished paper assessment for the Completed Research Project category.

Nietfeld L. Scholarly Topic Roundtable Presentation: Development of an immigrant medicine elective for pre-clinical medical students.

Gonzalez S, Thompson D, **Mosqueda M, Zoorob R**. Reducing HIV risk through integrated substance use disorder treatment: A comparison of health-related outcomes.

Aggarwal A, Nash S, Salemi, JL Sidani, M, Latimer P, Trantham R, **Zoorob R**, Boland N. Completed Scholarly Project: The new blended classroom format for the Advanced Life Support in Obstetrics (ALSO) Provider Course: Results, reflections, and recommendations.

Salemi, JL, Chima CC, **Mosqueda M, Wang H, Horsfield M**, Vasquez M, Williams D, **Sidani M, Zoorob R**. Completed Scholarly Project: A randomized controlled trial of health coaching and education for diabetes distress (CEDD Trial).

Zoorob R, Gonzalez S, MacMaster S, Sheno N. Evidence-based substance use disorder treatment for women.

Salemi JL, Nash SG, Spooner KK, Hartje J, **Gonzalez SJ, Zoorob R**. Completed Scholarly Project: Implementation of an interprofessional alcohol screening and brief intervention project to effect practice change in primary care clinics.

Gonzalez SJ, Kowalchuk AA, Mejia de Grubb MC, Thomas K, Zoorob R. Completed Scholarly Project: Development, implementation, and evaluation of a nationwide screening and brief intervention training program for family medicine residents.

Spooner KK, Salemi JL, Zoorob RJ. Health-related internet use in community health settings: insights from patient and provider perspectives.

Mejia de Grubb MC, Zoorob R, Salemi JL, Modak S, Levine RS. Completed Research Project: A nationwide study of breast cancer, depression, and multimorbidity in the US: An increasing problem among women and men.

PRESENTATIONS CONTINUED

Wang H, Levine RS, Zoorob R, Mejia de Grubb MC. Completed Research Project: The incidence, trend and survival of infant cancer in the US from 1975 to 2014.

Mosqueda M, Zoorob R, Gonzalez SJ, Kowalchuk AA, MacMaster SA. Completed Research Project: Substance use disorder treatment expansion program for high-risk women.

Gonzalez SJ, Thompson D, Mosqueda M, Zoorob R. Completed Scholarly Project: Reducing HIV risk through integrated substance use disorder treatment: A comparison of health-related outcomes.

Wang H, Mejia de Grubb MC, Salemi JL, Sidani M, Zoorob R. Completed Research: Timeliness of HbA1c testing in patients with diabetes in an urban family medicine private practice.

Zare M, **Juneja M**, Khan F, Lahue J, Small J, Zare I, Moreno C, **Zoorob R.** Completed Scholarly Project: Uncontrolled diabetes in the underserved: Lessons learned from a patient compliance and SDOH focused interdisciplinary pathway.

Levine RS, Mejia de Grubb MC, Weiss M, **Salemi JL, Zoorob R,** Henneken C. Completed Research Project: FDA certification of treatments for infection with hepatitis C virus and increased racial disparities in mortality from hepatocellular carcinoma.

Hansen MA, Salemi JL, Zoorob R, Shegog R. Studying technology acceptance to improve advanced usage of patient portals.

Huang W, Atkinson J, Barning K, Purkiss J, Ruiz E. Improving feedback from family medicine clerkship preceptor.

Levine RS, Fu J, **Mejia de Grubb MC, Salemi JL, Zoorob R,** Henneken C. Completed Research Project: Persistent racial inequalities in mortality from HIV after introduction of highly active anti-retroviral treatment (HAART).

Zare M, Zare S, Juneja S, **Khan F,** Lahue J, Klawans M, Medina G. Completed Scholarly Project: Rekindling the joy in practice, reducing burnout and improving physician satisfaction.

Sulapas I. Roundtable discussion: Introducing MSK ultrasound in a family medicine clerkship: An update with student review.

AMSSM ANNUAL MEETING

Agarwal M, Shybut T, **Sulapas I.** An atypical cause of shoulder pain after rotator cuff repair.

SOCIETY OF HEALTHCARE EPIDEMIOLOGY OF AMERICA SPRING CONFERENCE 2019

Grigoryan L, Germanos G, Zoorob R, Juneja S, Raphael JL, Paasche-Orlow MK, Trautner BW. Use of antibiotics without a prescription in the United States.

Skelton F, May S, **Grigoryan L,** Martin L, Poon I, Holmes A, Trautner BW. Spinal cord injury provider knowledge and attitudes towards antibiotic stewardship for bacteriuria: Mixed methods analysis.

Brastman AT, Mathias K, Rose SR, **Grigoryan L.** Outpatient fluoroquinolone prescribing patterns before and after FDA warning.

MEDICINE-PEDIATRICS PROGRAM DIRECTORS ASSOCIATION ANNUAL MEETING

Talwalkar J, Albin J, **LaCour-Chestnut F,** Aylward M, Venci J. Innovations in advocacy: A summary report from the curriculum committee.

BCM ANNUAL QUALITY IMPROVEMENT AND PATIENT SAFETY CONFERENCE

Sarkar A, Barron O, Pette C, **Nash S, Varadarajan S, Mahadasyam S.** Improving pediatric immunization schedule non-adherence in an underserved community clinic.

Webber Rosenberg K, **Wisnoski B, LaCour-Chestnut F,** Wendt E. Improving assessment and management of pediatric obesity in a resident continuity clinic.

MAY 2019

ANNUAL INTERNATIONAL SYMPOSIUM ON CONGENITAL HEART DISEASE IN THE ADULT

Salciccioli KB, **Salemi JL,** Broda CR, Lopez KN. Disparities in insurance coverage for hospitalized adult congenital heart disease patients: The effects of the Affordable Care Act. *Awarded Best Poster Abstract in recognition of 'innovative and outstanding research that results in important insights into the pathophysiology, etiology, treatment, or outcomes in adults with congenital heart disease.'

TEXAS EDUCATOR'S ACADEMIES COLLABORATIVE FOR HEALTH PROFESSIONALS SOUTHEAST EDUCATIONAL SYMPOSIUM (TEACH-S)

Wisnoski B, LaCour-Chestnut F, Webber Rosenberg K, Wendt E. Resident outcomes and attitudes regarding a pediatric obesity quality improvement project in a resident continuity clinic.

LaCour-Chestnut F, Dao T, Koukaz Y. Integrating social determinants of health education into a residency curriculum.

CPRT SMOKING CESSATION AND LUNG CANCER SCREENING SHARED DECISION MAKING WORKSHOP

Zoorob R, Mejia de Grubb MC. Lung cancer screening shared decision-making.

UTHEALTH McGOVERN MEDICAL SCHOOL FAMILY MEDICINE RESIDENCY RESEARCH SYMPOSIUM 2019

Jeffcoat D, Khan R, Nash S, Sidani M, Warwick E, Salihu H, Zoorob R, Aggarwal A. Development of an ultrasound simulation workshop to teach basic OB skills. *Honorable Mention Award

Khoaja M, Okorafor N, Salemi JL, Nash S, Sidani M, Warwick E, Salihu H, Zoorob R, Aggarwal A. The new blended classroom format for the Advanced Life Support in Obstetrics (ALSO) Provider Course: Assessing providers' reported self-efficacy in emergency obstetric procedures.

Herrera A, Calloway-Yanoff E, Anireddy N, Nguyen ST, Varadarajan S, Sidani MA. Making a newborn circumcision model. *Voted best poster

JUNE 2019

SOCIETY FOR EPIDEMIOLOGIC RESEARCH

Palumbo S, Robishaw J, **Levine RS,** Hennekens CH. Geographic variations in temporal trends in mortality from prescription opioids.

Rubenstein A, Wood SK, **Levine RS,** Hennekens CH. Alarming trends in deaths from firearms among US school-age children.

2019 CENTER OF EXCELLENCE IN HEALTH EQUITY, TRAINING AND RESEARCH (COE) SUMMER RESEARCH SUMMIT

Faustinella F, Barning K, Zoorob R. The development of the same day clinic system as a means to increase access to health care among racial and ethnic minorities.

ENDOWMENTS

The generosity and forethought of our donors enable us to accomplish our goals. Endowed funds, such as chairs and professorships or scholarships, represent the financial bedrock of our institution and provide permanent funds to sustain Baylor College of Medicine's mission. Endowed funds, managed as part of the College's overall managed investment portfolio, subsidize the work of our department by supporting faculty and trainees alike. The department is grateful to have these two endowed professorships.

Richard M. Kleberg, Sr. Chair of Family and Community Medicine

Distinguishing himself as a rancher, lawyer, legislator, sportsman, and conservationist, Richard Mifflin Kleberg, Sr. was one of the most famous Texans of the 20th century. In his memory, his descendants have endowed the Richard M. Kleberg Chair of Family and Community Medicine at Baylor College of Medicine. Their ongoing support allows the department to remain faithful to the ideals of the discipline and find evermore opportunities to expand our knowledge, our capacity, and our responsibility to those we serve.



William W. O'Donnell, M.D. and Regina O'Donnell Chair of Family Medicine

Simon Whitney, M.D., JD, (pictured below with Mrs. O'Donnell) writes: Our department is fortunate to have the support of Regina O'Donnell, the widow of William O'Donnell, M.D., a grateful BCM alum. After Dr. O'Donnell's death, Mrs. O'Donnell created this endowed chair in their names.

The William O'Donnell, M.D. and Regina O'Donnell Chair of Family Medicine provides substantial funding that provides the chair holder with the freedom to pursue meaningful work of the holder's choice.

I am fortunate to be the first recipient of Mrs. O'Donnell's largesse. If you stop by the central conference room most mornings, you will see me writing my book about the IRB system. This work, which explores the many difficulties of the IRB system, has taken me years; it would have been impossible without the chair funding. I am grateful to Mrs. O'Donnell for her generosity, and her faith that this department plays an important role.



Scholarships

Mayed E. (Pat) and Alan Lambert, M.D. '52 Family and Community Medicine Endowment

Supports general education, teaching and residency training programs

George J. and Lowren L. Merriman Family Medicine Endowment

Supports annual faculty awards.

Taylor T. Pickett Trust

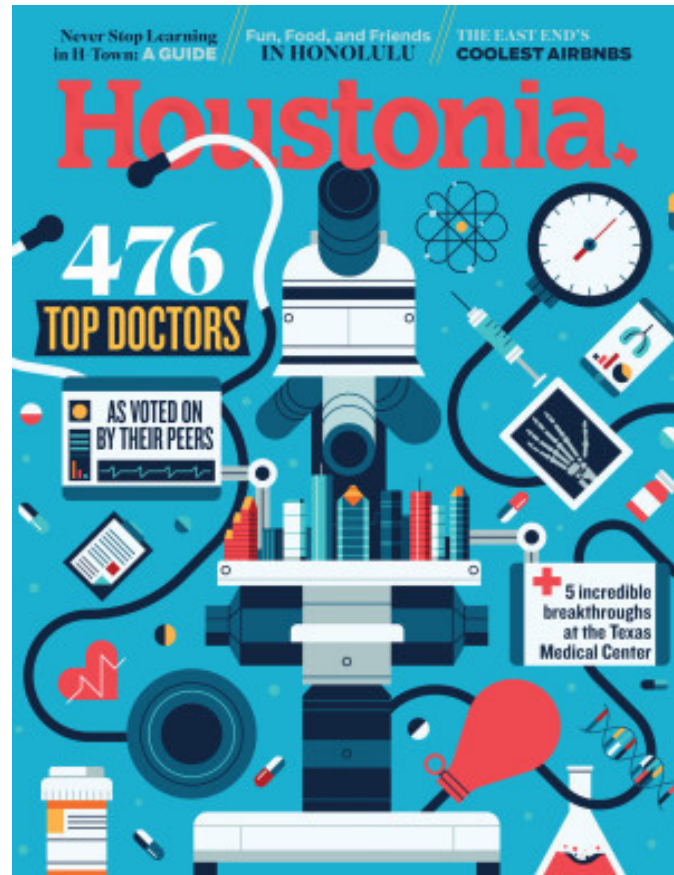
Supports the Taylor and Ida Pickett teaching award and the accolade for OB deliveries, presented at residency graduation.



SELECT HONORS & AWARDS

HOUSTONIA MAGAZINE TOP DOCS

Aymer Al-Mutairi, M.D., and Irvin Sulapas, M.D., were selected Houstonia's Top Doctors in the magazine's annual ratings.



THAT'S THE WAY EMPLOYEE RECOGNITION PROGRAM

A donation from a grateful donor who had an exceptional patient experience at a Baylor College of Medicine medical practice launched the "That's the Way" program. Using these donated funds, BCM recognizes two employees for their exemplary service. Maria La Cruz Rondon, M.D., received Baylor's player of the month award in October.



HARRIS HEALTH AWARDS

Afroze Ali, M.D., Phong Luu, M.D., Eric Warwick, M.D., Lisa Danek, M.D., MBA; Rashmi Rode, M.D.; Anjali Aggarwal, M.D.; Sabaa Joad, M.D., and Preethi Nambi, M.B.B.S., were selected for the Harris Health Hero & Champion awards for their outstanding patient service.

In August 2018, Mahmood Hamad, M.D., received Ambulatory Care Service (ACS) Champions of the Quarter Award for providing exceptional care.



2019 DEPARTMENTAL SUPERLATIVES

Dr. Zoorob presented awards at the July faculty meeting:

- Chair's Recognition Award: Fareed Khan, M.B.B.S.
- Outstanding Educators: Ann Gotschall, M.D. and Nidhi Mehrotra, M.D.
- Outstanding Clinicians: Peter Jian, M.D.; Melissa Johnson, MSN, FNP-C; Thomas Porter, M.D.; and Nihita Shah, M.D.
- Outstanding Researchers: Sandra Gonzalez, Ph.D., LCSW and Jason Salemi, Ph.D., MPH

AMERICAN ACADEMY OF FAMILY PHYSICIANS

Shruti Varadarajan, M.D., FAAFP, was named a fellow of the American Academy of Family Physicians in April.

BCM TOP PERFORMER

Angie Sung, M.D. was named a Baylor Physician Top Performer with an overall mean score two standard deviations above the FGP mean.

HOUSTON BUSINESS JOURNAL

Celebrating their 2019 Health Care Heroes, Houston Business Journal named resident physician, Arindam Sarkar, M.D. a Rising Star, which honors a recent graduate or new hire that shows real promise in the fields of scientific research or in the practice of medicine.

AMERICAN COLLEGE OF PHYSICIANS

In November, Fabrizia Faustiniella, M.D., Ph.D., FACP, received The American College of Physicians Laureate Award at a ceremony in Austin, Texas. The Laureate Award honors those Fellows and Masters of the College who have demonstrated by example and conduct an abiding commitment to excellence in medical care, education, or research, and in service to their community, their Chapter, and the ACP. The awardees are senior physicians and Fellows or Masters of long-standing, with acknowledged excellence and peer approval in the field of internal medicine and have served their Chapter with distinction. Dr. Faustiniella is only the seventh woman to receive this honor since the award went into effect 33 years ago.



Agana DFG. Chair, NAPCRG Interprofessional Research Group; Member, Annual Postdoc Career Symposium Committee of Texas Medical Center

Aggarwal A. Advisory Faculty and Course Director, Advanced Life Support in Obstetrics (ALSO) Provider Course; Member, STFM Family-Centered Maternity Care Group

Alzate MM. Workshop leader, Rural School Miguel Valencia in Jardín, Antioquia, Colombia. (1) Emotional self-regulation; (2) Behavior management in the classroom

Atkinson J. Vice President, Mary Susan Moore Medical Society

Blumenreich J. Member, Committee for Clinical Practice Guidelines, Same Day Clinics

Faustinella F. CME development for the *Journal of Urgent Care Medicine*; Member of the Texas Chapter of the American College of Physicians Health and Public Policy Committee (TX/ACP/HPPC)

Huang WY. Reviewer, *Applied Clinical Informatics*; Reviewer, Research in Medical Education Conference abstracts, Association of American Medical Colleges; Reviewer, *Family Medicine*; Reviewer, 2019 Society of Teachers of Family Medicine Annual Spring Conference

Juneja M. Associate Editor, *International Journal of Family and Community Medicine*. Columnist, Ambulatory Services Newsletter (HHS); Editor in Chief, Harris Health Physician Wellness Initiative Quarterly Newsletter; Curriculum Director, ACS Grand Rounds (HHS)

Khan F. Member, HHS Quality Management and IT services committees (in preparation for selection of Merit Based incentive system MIPS clinical quality measures to send to CMS and for internal monitoring)

Kowalchuk A. Review Panel member, Substance Abuse; Reviewer, *Family Medicine*; Publications reviewer, NIDA Clinical Trials Network (CTN)

Kuncharapu I. Reviewer, *Am Fam Physician* article Caregiver Care; Member: STFM Residency Committee

LaCour-Chestnut F. Site Coordinator, Reach Out and Read National Organization aimed at improving childhood literacy; Advisory Board Member, The Women's Fund for Health Education and Resiliency; The Women's Fund Girl +1 workshop speaker, "The ABCs for a Healthy You." Cristo Rey Jesuit College Preparatory School

McColloster P. Expert Witness, Political Asylum Cases (with the University of Houston Law School, Associated Catholic Charities, PHR, YMCA, KIND); Houston Catholic Worker, Missionaries of Charity; Helped establish the first home for disabled immigrants.

Porter T. Leader, ACS effort to improve patient access to appointments by reviving the Access and Flow committee

Raza A. Member, Epidemiology Foundation Board, American College of Epidemiology; Member, Communications Committee, American College of Epidemiology

Rode R. At-large Member, Board of Directors with the Harris County Academy of Family Physicians (HCAFP) for the two-year term; Member, Texas Academy of Family Physicians (TAFP) Commission of Health Care Services and Managed Care

Salemi JL. MCH Student Training for Academic Readiness and Success (MCH STARS); Member, Editorial Board *Fam Med Community Health*; Grant Reviewer, "Clinical and Social Science Challenge" Grants March of Dimes; Immediate Past President, National Birth Defects Prevention Network; Grant Reviewer and Special Emphasis Panelist, ZDD1 KVA (02) R DD18-001 Birth Defects Study To Evaluate Pregnancy exposures (BD-STEPS) II. National Center on Birth Defects and Developmental Disabilities, CDC; Immediate Past President National Birth Defects Prevention Network; Member, 2018-2019 JRM Advisory Board

Salihu HM. Executive Editor, IJMA (International Journal of MCH and AIDS), indexed in PUBMED, MCH Student Training for Academic Readiness and Success (MCH STARS); Elected to head the peer-reviewed journal, *International Journal of MCH and AIDS*.

Spooner KK. MCH Student Training for Academic Readiness and Success (MCH STARS)

Sulapas I. Team Physician: Texas Southern University, Houston SaberCats, Episcopal High School; Member, American Medical Society of Sports Medicine (AMSSM) Education Committee. Member-at-Large: Harris County Association of Family Physicians. Volunteer physician, Chevron Houston Marathon/Aramco Houston Half Marathon; Harris County delegate, Texas Medical Association. Member, STFM Musculoskeletal Education-Sports Medicine Collaborative; Chair-elect, STFM Musculoskeletal Education/Sports Medicine Collaborative; Member, Texas Medical Association (TMA) Council on Medical Education

Varadarajan S. Reviewer, *American Family Physician*; Volunteer, Child Advocates

Wang H. Member, Editorial Board *Fam Med Community Health*

Zoorob R. Deputy Editor, *Fam Med Community Health*; Annals of Family Medicine Board of Directors: Treasurer, Audit Committee and Chair/Member, Executive Committee; Member, Affiliated Medical Services (AMS) Board of Directors; Diabetes Action Research and Education Foundation: Member, Medical Advisory Board; Member, Association of Departments of Family Medicine (ADFM); Member, Winter Meeting Planning Committee and Member, Research Committee; Member, North American Primary Care Research Group (NAPCRG) Reviewer; Member, NIH Clinical management of patients in community-based settings (CMPC) Review Panel



DEPARTMENT'S FACULTY SENATE REPRESENTATIVES:

- Irvin Sulapas, M.D.
- Nihita Shah, M.D.
- Malvika Juneja, M.D.
- Frené LaCour-Chestnut, M.D.
- Kenneth Barning, M.D.
- Jonnae Atkinson, M.D. (Secretary)

Aggarwal A. Mentor, BCM Center of Excellence Transformed Post-Baccalaureate Premedical Scholars Program; Judge, 19th Annual Henry J.N. Taub & James K. Alexander Medical Student Research Symposium; Member, Dual Degree and Pathway Subcommittee; Member, Clerkship Grades Committee; Member, BCM Electives Subcommittee; Member, Academy of Distinguished Educators

Atkinson J. Chair, Faculty Senate Committee on Communications and Public Affairs; Faculty Inclusion Ambassador

Huang W. M.D. Member, Selection Committee of Norton Rose Fulbright Faculty Excellence in Education Awards; Member, Curriculum Renewal Working Group; Member, Promotions Committee; Member, Sub internship/Clerkship Subcommittee of the Curriculum Committee; Member, Care of the Underserved pathway; Member, Dual Degree Programs and Enrichment Tracks subcommittee of the Curriculum Committee

Okoh J. Learning Community Advisor, medical student mentoring program; Learning Community Director, Indigo Squad

Raza A. Fellow Representative, T32 Steering Committee

Sulapas I. Member, BaylorMedCare Credentials Committee; Member, Faculty Group Practice Board of Governors

Sung A. Co-Chair, FGP Refill Management Workgroup; Member, New Physician Orientation Committee; Physician Representative, Safety and Security Taskforce Workgroup; Member, Admissions Committee

Varadarajan S. Poster Judge, BCM Quality Improvement and Patient Safety Conference

Whitney SN. Member, Committee on Continuing Medical Education; Member, Committee on Scientific Integrity

Zoorob R. Chair, Faculty Appointments and Promotions Committee; Member, Clinical Compensation Committee; Member, Treating Patients with CARE; Member, Ad Hoc Working Group on Faculty Titles; Research Member, Cancer Prevention and Population Sciences Program of the Dan L Duncan Comprehensive Cancer Center; Member, Baylor Teen Health Clinic Steering Committee; Inaugural Member, Steering Committee for Baylor's Clinician Excellence Awards; Member, Baylor College of Medicine Academic Council; Member, Baylor College of Medicine Faculty Appointments and Promotions Committee; Member, Finance Committee, Faculty Group Practice; Member, Academic Integrating Council, Baylor College of Medicine-CHI St. Luke; Member, Benjamin B. Ligums Transitional Medicine Grant Steering Committee, Baylor College of Medicine/Texas Children's Hospital Center; Member, Faculty Group Practice Executive Committee; Member, Clinical Integration Network (CIN) Steering Committee

Fareed Khan, M.B.B.S., was quoted by TMC News on Houston History of Medicine Society lecture series emphasizes the relevance of the past. Dr. Khan serves as the BCM Course Director. <https://www.tmc.edu/news/2019/02/houston-history-of-medicine-society-lecture-series-brings-history-to-life/>

Fabrizia Faustinella, M.D., PhD wrote, directed, and produced the film, *The Dark Side of The Moon*, an educational film/documentary which explores the root causes of homelessness, the hardship of street life, stereotypes and biases against homeless people. The documentary, which discusses a possible solution to this devastating social problem, has been submitted to national and international film festivals and is Official Selection at The International Christian Film Festival in Orlando, Florida. <https://filmfreeway.com/TheDarkSideofTheMoon>



Watch the interview of Mònica Alzate, Ph.D., LCSW, MA by FOX 26 (<https://bit.ly/2Rmng1f>) about mindfulness. She was also interviewed about the same subject by BCM's Julia Bernstein (<https://www.bcm.edu/news/general-news/the-art-of-mindfulness>) and by Health.com (<https://www.health.com/weight-loss/mindfulness-eating>).

Every time we take a course of antibiotics we do not necessarily need, we are disrupting our microbiome as well as potentially contributing to drug resistance. The Houston Chronicle interviewed Larissa Grigoryan, M.D., PhD and Barbara Trautner, M.D. about their recent survey. <https://www.chron.com/news/medical/article/Survey-More-than-half-of-parents-save-and-share-13371253.php>

Frené LaCour-Chestnut, M.D. participated in The Women's Fund, which offers health education and workshops for young girls and their female caregivers. Watch the video here. <https://www.click2houston.com/houston-life/empowering-young-girls-to-take-charge-of-their-health>

Jeffrey Steinbauer, M.D. spoke with reporters from Time Magazine for an article: Here's how to tell if you have a cold or the flu. <https://time.com/5421886/cold-flu-symptoms/>

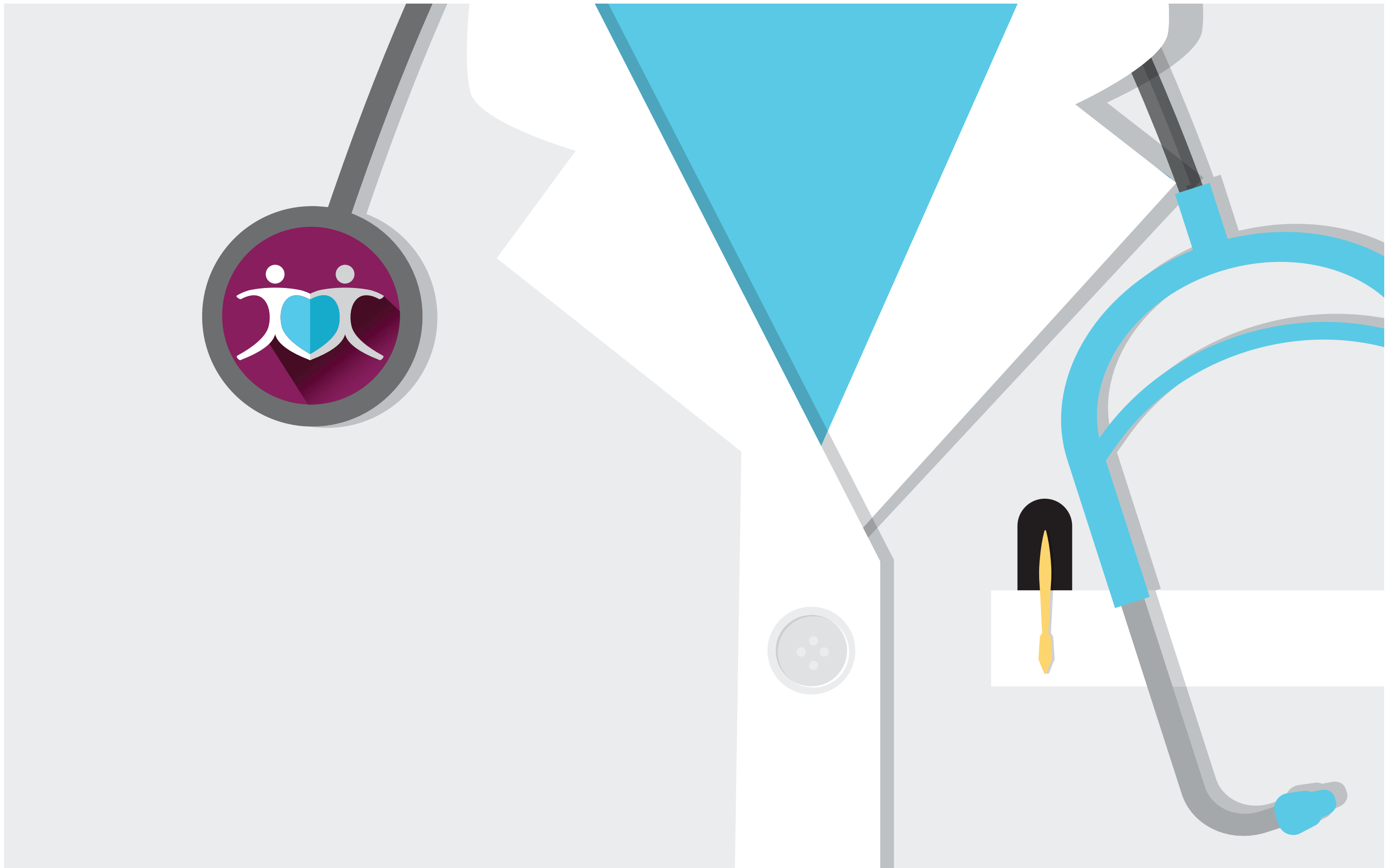
Trick-or-treating, dressing up in costume and having fun are all most children want to do on Halloween, but for some divorced families it can be a challenge. Sandra Gonzalez, Ph.D., LCSW gives some ideas on how to make the night a treat and not a fright. <https://www.bcm.edu/news/pediatrics/divorced-parents-halloween-for-children>

Walking early in the morning allows Camille Leugers, M.D., FAAFP to get in her daily steps. Read her interview for the Healthy Habits on Baylor College of Medicine's Momentum Blog. <https://time.com/5421886/cold-flu-symptoms/>

Luis Rustveld, Ph.D., RD, LD, was interviewed by Quinn Phillips for Everyday Health newsletter, "Do you really need to give up kale, cauliflower, and other cruciferous vegetables when you have hypothyroidism?"; He was also interviewed by BCM Momentum blog about the ketogenic diet. <https://www.everydayhealth.com/hs/hypothyroidism/do-you-need-to-avoid-cruciferous-vegetables/>

Irvin Sulapas, M.D. spoke with Nicole Blanton of the Baylor College of Medicine Momentum blog about tips to stay cool and hydrated this summer. The Houston Chronicle interviewed him for Summer in Houston doesn't mean slowing down your workout but experts urge caution. He was also interviewed for a live segment on Fox 26 Knowing the difference between heat exhaustion and heat stroke. <https://www.bcm.edu/news/sports-medicine/keep-kids-cool-while-heading-back-to-school>

Expressing gratitude, spending time outdoors are key Healthy Habits for Alicia Kowalchuk, D.O. <https://blogs.bcm.edu/2019/05/28/healthy-habits-expressing-gratitude-spending-time-outdoors-key-for-dr-alicia-kowalchuk/>





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