

FY2017 CENTRAL CALIFORNIA FACULTY MEDICAL GROUP A YEAR IN REVIEW



CCFMG
Central California Faculty Medical Group

TABLE OF CONTENTS

FY2017

CENTRAL CALIFORNIA
FACULTY MEDICAL GROUP

A YEAR IN REVIEW

CCFMG Corporate Office

2625 East Divisadero Street
Fresno, California 93721

Phone: 559.453.5200



A photograph of the UCSF Fresno building, a modern multi-story structure with a curved facade and large glass windows. The building is set against a clear blue sky. In the foreground, there are some bare trees and a sidewalk.

UCSF Fresno

Table of Contents

- 4** | Letter to Members
- 5** | Board of Directors
- 6** | Emergency Medicine
- 8** | Family and Community Medicine
- 10** | Internal Medicine
- 14** | Neurosurgery
- 16** | Obstetrics and Gynecology
- 18** | Orthopaedic Surgery
- 20** | Pediatrics
- 24** | Psychiatry
- 26** | Surgery
- 28** | Key Statistics
- 30** | Facts and Figures
- 31** | Numbers at a Glance

Dear Central California Faculty Medical Group Employees and Partners:

This last fiscal year has been a wonderful year of growth for CCFMG. Our organization has continued to grow in financial profitability and we have grown in the expert medical services we are able to provide to our community. We continue to focus on our values of learning, accountability, integrity, quality, compassion and enjoyment. Our experienced faculty physicians, our administrative and clinical support staff remain dedicated to providing high-quality and expert patient care while teaching the next generation of doctors.

Our financial growth continues to expand beyond previous years, in large part because of our continued effort to expand specialty and sub-specialty service lines. Some of those new services include pain management, urogynecology, ambulatory EEGs within neurology, and specialty geriatric care and consultation. In addition to the Visalia satellite location, we expanded our neurosurgery satellite offices to Merced to meet the Central San Joaquin Valley's critical need for neurosurgical services while easing the process of referrals to Community Regional Medical Center where our neurosurgeons provide highly specialized neurosurgical care. Our organization continues to be as busy as ever, here are a few new and exciting initiatives we have worked on in the last year:

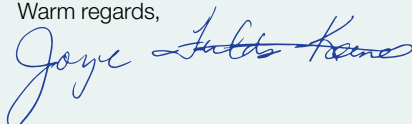
- Our Practicing Excellence Program is officially underway through the "Clinician Experience Project." This unique online platform has allowed physicians to interact, learn and grow with their fellow clinicians. Our chosen goals for this project have been building high-performing teams and improving the patient experience. A special "thank you" to our physician champions who have ensured success so we can continue to strive and reinforce the culture of excellence within our organization.
- We continue to move forward in an effort to establish a partnership between CCFMG, Community Regional Medical Center and the Ambulatory Care Center. Our hope is that in the next year we will have a new Federally Qualified Health Center partner, who can expand services and manage resources so that our physicians can continue to provide high-quality expert medical care to the underserved populations in the Central Valley.
- As an organization we have expanded our outreach and community awareness over the last year in a variety of ways. We are particularly excited about the partnership between Community Medical Centers, KSEE 24 and CBS47, which launched a TV show that highlights medical advancements within our community. In partnership with UCSF Fresno, CCFMG has provided over 20 physician interviews, which provided expert information to the community on a wide range of medically informative topics.
- We continue to provide clinical services to the state-of-the-art emergency department at Community Regional Medical Center, which is the only Level 1 trauma center and Burn center in all of Central California. Our skilled clinicians manage an annual ED volume of 110,000 and serve as the safety net for a nine-region area.

In the following pages you will find updates from each of our departments, highlighting the outstanding work they do. I am so proud of each of our administrative leaders, department leaders and our Board of Directors, who continue to provide wisdom and sound leadership directives to keep this organization strong for many years to come.

I also want to take a moment to thank you, our membership and our community partners, for your continued support of Central California Faculty Medical Group.

I continue to be deeply grateful for each and every one of you, who holds a piece of the many accomplishments that are highlighted in the following pages.

Warm regards,



Joyce Fields-Keene, MPA
Chief Executive Officer

BOARD OF DIRECTORS 2017-2018



Gene Kallsen, M.D.
Chairman/President



Joyce Fields-Keene, MPA
Chief Executive Officer



Randall Stern, M.D.
Vice Chairman



Jim Comes, M.D.
Secretary



James Davis, M.D.
Treasurer



Michael Peterson, M.D.
Associate Dean, UCSF Fresno



Craig Campbell, M.D.



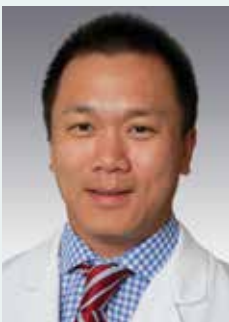
Teresa Daniele, M.D.



Ivan Gomez, M.D.



Ian Johnson, M.D.



David W. Lee, M.D.



Armen Martirosian, M.D.



Susanne Spano, M.D.



Carlos Sueldo, M.D.



Steven Tringali, D.O.



Serena Yang, M.D.



Craig Wagoner
Community Regional
Medical Center Ex-Officio

EMERGENCY MEDICINE



UCSF Fresno EM Physicians Training Park Rangers Through the Park Medic Program.

The Emergency Medicine Department at Community Regional Medical Center continues to provide comprehensive emergency care for the entire Central Valley and surrounding communities, and is the only Level 1 trauma center between Los Angeles and Sacramento. With an annual volume of approximately 110,000 patients a year, we are one of the busiest emergency departments in the state of California.

Department Accomplishments

The Emergency Medicine Department continue to focus on meeting patients' needs, and we are proud to report our "left without being seen" rate for the first three quarters of this year was 2.1%. We have focused on implementing evidence-based clinical decision tools into our electronic medical record with the help of our informatics team.

The department has undergone some exciting leadership transitions in the last year. We are very proud to announce that Dr. Jim Comes has accepted the position of Chief of the Emergency Department and Vice Chair of Emergency Medicine at UCSF Fresno. Dr. Stacy Sawtelle has accepted the position as the department's Program Director and Dr. Patil Armenian is now the Research Director. We are also excited to announce that Dr. Sue Spano has become our Wilderness Medicine Fellowship Director.

The department continues to be supportive and encouraging of our faculty and residents as they pursue expertise in their field. One outstanding example is Dr. Jessica Mason who is a contributor for emergency medicine video and audio podcasts (EM:RAP reviews and perspectives), which was presented at SMACC in Berlin to an audience of 1,500.

The department is proud of our newest class of residents, which includes a group that is diverse with a vast array of experience. Our residents come from varying backgrounds, and some are from the Central Valley and a few are graduates from UCSF Medical School.

We also have an Iraqi war veteran who is an explosives expert; a former fire fighter; a former civil engineer; a college football player; and an Albert Schweitzer fellow from Stanford. This diverse and eclectic group makes up an outstanding class of residents who continue to have a strong service mission to care for anyone that comes through the emergency room door. We are also thrilled to be welcoming two new Physician Assistant residents this fall, who will complete a specialized training course in Emergency Medicine. Of our 2017 graduates, four of them are staying in Fresno, furthering our commitment to continue to bring high-quality medical care to the Central Valley.

Ongoing Initiatives

Dr. Dan Savage co-chairs the Clinical Consensus Group working on acute diagnostic pathways with colleagues and staff at Clovis Community Medical Center as a corporate initiative. Our department remains committed to improving throughput times for emergency room patients and we will continue to evaluate processes that impact patient wait-times and flow. In this effort we have begun to look at new models for triage, which encompasses multiple strategies including additional space and process mapping.

Research, Education and Publications

Our department continues to be focused on research and education, and we have contributed 33 publications, book chapters, and letters to the editor to date.

Program Development and Special Projects

A primary focus as we look to the future is the constant goal of working towards a better paradigm of building strong teams, not only within the Emergency Medicine Department, but with our consultants and providers in the community. We also will be focused on re-engineering our “provider at triage model” to continue to improve patient care and quality outcomes.

110,000 PATIENTS A YEAR

4 GRADUATES OF THE EMERGENCY MEDICINE PROGRAM STAYING IN THE CENTRAL VALLEY

33 DEPARTMENT CONTRIBUTIONS TO PUBLICATIONS, BOOK CHAPTERS AND LETTERS TO THE EDITOR TO DATE



Emergency Medicine Physician, Dr. Jessica Mason, Telling Patient Stories Through Podcasts.



Over the course of 2016-2017, the Family and Community Medicine Department devoted its work to research, education and service.

Department Accomplishments

Department members, from faculty to fellows to residents, gave multiple presentations at national conferences. Our faculty wrote one book chapter, and we, as a department, published two peer-reviewed publications. Our faculty continues to author publications that educate medical minds across the nation. We are excited to report that Dr. Ivan Gomez, Program Director for 12 years, has accepted the position as Department Chief, and Dr. Arlin Venturina, Associate Program Director for 12 years, has accepted the position as Program Director.

New Partners

In July 2017 we opened a new Family and Community Medicine training site in Parlier.

Research

All UCSF Fresno Family and Community Medicine residents work with faculty to complete a scholarly project during their three-year term. Residents present these projects at our Regional UCSF Fresno Expo, which now includes representatives from multiple Family Medicine programs in the Central Valley, including Valley Health Team, Kaweah Delta and Hanford Family Medicine residency programs.

American Board of Family Medicine

The mission of the American Board of Family Medicine (ABFM) is to promote excellence in medical care through educational and scientific initiatives. Through certification and maintenance of certification programs, the ABFM pursues its mission by establishing, maintaining and measuring high standards of excellence in the specialty of Family Medicine. We are proud to have a 100 percent pass rate for ABFM certification for the past four years.

Educating Near and Far

As a department, our primary goal is education. We organized and presented our 18th annual Advanced Life Support in Obstetrics course, an American Academy of Physicians-sponsored Continuing Medical Education course, for a group of 35 learners from close to home to across the country. The course combined evidence-based, hands-on simulation training and multidisciplinary team-based approaches in preparing maternity care providers. AHEC (Area Health Education Center), hosted by Family and Community Medicine was given a five-year renewal for important statewide work in health workforce development.

Fellowships:

Maternal Child Health

The Maternal Child Health Fellowship began in 2013 in partnership with the UCSF Fresno Obstetrics and Gynecology residency program. In 2016, we graduated our third fellow in Maternal Child Health with obstetric skills, including the ability to perform cesarean sections. We are currently training our fourth fellow.

Hospice and Palliative Care Medicine

The Hospice and Palliative Care Medicine (HPM) program, now in its fifth year, is expanding its role to other sites within the Valley. Under the leadership of Dr. Patrick Macmillan, the HPM program will provide much needed support for the residents of the Central Valley.

Educational Initiatives

As a department, we continue to be successful developing innovative programs for education and service. In 2016, we entered our third year of a comprehensive Family Planning Training grant. Ranking fourth out of 37 programs in California that applied for the Office of Statewide Health Planning and Development Song-Brown Primary Care Grant, we received full funding for the next three-year cycle. In collaboration with UCSF, we received Health Resources and Services Administration (HRSA) grant funding to help implement

comprehensive primary care in a medical home model at the Deran Koligian Ambulatory Care Center. We are one of nine sites nationwide participating with other primary care programs as part of PACER (Professionals Accelerating Clinical and Educational Redesign).

Giving Back To The Community

Service has always been a cornerstone of our department. To facilitate further service within the community, we completed our third advocacy and leadership training for third-year residents, focusing on a theme of importance to our local community. And while we have provided service for years, we are now documenting hours volunteered by faculty and residents outside of work and grant paid time with over 300 community service hours documented in the last academic year.

100% PASS RATE FOR ABFM
CERTIFICATION FOR
THE PAST FOUR YEARS

300 COMMUNITY SERVICE
HOURS DOCUMENTED

9 ONE OF NINE SITES NATIONWIDE
PARTICIPATING AS PART OF PACER
PROFESSIONALS ACCELERATING
CLINICAL AND EDUCATIONAL REDESIGN



It was another interesting and exciting year for the Department of Medicine. We have had a number of important recruitments including Dr. Mark Stecker as Neurology Director. We had a very successful year matching, both in the residency and all of the fellowships. Our graduates continue to do well competing for advanced training and for their choice jobs. We are very proud of all of them.

Department Accomplishments

The Internal Medicine department continued to expand efforts in research, clinical trials and education over the course of the 2016-2017 fiscal year. The Internal Medicine residency program at UCSF Fresno received 1,500 applications for consideration for the 2017-18 academic year, with 28 residents accepted into the program.

Updates on Fellowship Programs

Hematology / Oncology:

The Hematology/Oncology Fellowship program received 160 applications for two fellowship positions and just completed interviews.

Gastroenterology / Hepatology:

The Gastroenterology Fellowship program received 280 applications for two fellowship positions.

Infectious Diseases:

The Infectious Disease Fellowship program received 45 applications for two fellowship positions.

Pulmonary Disease:

The Pulmonary Critical Care Fellowship program received 300 applications for three fellowship positions and just completed interviews.

Sleep Medicine:

The Sleep Medicine Fellowship program received 34 applications for two fellowship positions.

Cardiology:

The Cardiology department at UCSF Fresno received 269 applications for consideration for the 2017-2018 academic year, with three accepted into the program.

Research, Education and Publications

Our department continues to focus on educational outreach to the community, as we underscore the importance of access to expert medical care through community activism. The Women's Heart Fair was held on February 11, 2017 with presentations by Dr. Daniele, Dr. Kiel and Dr. Balasubramanian. This one-of-a-kind event allows for women across the Central Valley to learn more about the importance of heart health, common risk factors for heart disease, as well as educational tips to lead a more healthy life.

In partnership with Community Regional Medical Centers, Dr. Daniele has started a women's heart health support group, where women who have been impacted by heart disease can come together and connect. This unique support group is free to the community, and meets quarterly to encourage fellowship and a heart-healthy lifestyle.

Our department held the 11th Annual Cardiology in the Valley Symposium on May 14, 2017, which attracted 90 clinicians and focused on current controversies in cardiology.

We have started our point-of-care ultrasound curriculum, which allows our residents to enhance their competencies in procedural safety.

Program Development and Special Projects:

Hospitalist Division

The division of Hospital Medicine continues to provide inpatient care (teaching and supervision of residents and students on ward medicine) both at CRMC and the VA. In 2016 we started an inpatient procedure service which focuses on standard hospitalist procedures (i.e., thoracentesis, paracentesis, and lumbar puncture). The new service incorporates didactic learning and simulation training for junior residents. In addition, a fully-equipped and staffed procedure suite on the 5th floor at CRMC is available Monday-Friday for inpatient procedures.

The division was recently approved for a non-accredited hospitalist fellowship which will start in 2018. This one-year fellowship program will be for internal medicine trained individuals who are looking for a more rigorous and academic focus to their training and ample opportunity will be given for research and QI project(s).

Over the past couple of years the division of Hospital Medicine has been fortunate to have had several of our faculty participate in the UCSF Teaching Scholar's Program and this upcoming year (2017/18) is no different, with Dr. Mohammed Elhassan being selected from Fresno. His research and educational focus will be on physical exam and procedural skills for learners.

Infectious Diseases

Dr. Naiel Nassar was named Division Chief for Infectious Disease. Dr. Simon Paul was named Assistant Dean of Academic Affairs at UCSF Fresno. Dr. Robert Libke received a Lifetime Achievement Award from the Fresno Madera Medical Society.

Pulmonary Division

Dr. Kathryn Bilello is the medical director of the newly formed lung cancer screening program.

Sleep Medicine

Drs. Zuzuarregui and Narwani are new neuro/sleep faculty, both having just finished their sleep fellowship at Stanford. In research, we are continuing our FRESNO project: Fresno Resident Experience in Sleep and Nighttime Optimization, working to improve the sleep of our house staff. Last year, quality of sleep, quality of life, sleep education and house staff safety improved in the internal medicine residency. Our hope is to expand the project to other residency programs at UCSF Fresno.

Cardiology Division

We secured an academic electrophysiologist who has been of value in fellow clinical and procedural education. Our Heart Failure program has continued to grow under the supervision of our advanced Heart Failure/Transplant Director, enhancing our fellows' knowledge of mechanical assist devices and advanced therapies. We continue to expand efforts in clinical research, national presentations of studies/abstracts and are currently involved in several trials nationwide.

**Gastroenterology Division
Advance Endoscopy**

The department of Gastroenterology in UCSF Fresno has made significant progress in the field of advanced endoscopy. Pancreatic cysts and pancreatic necrosis were being drained either by interventional radiology or surgery which carried significant morbidity and mortality. Lumen apposing metal stents are now being used to drain pancreatic cysts and debride pancreatic necrosis through EUS by GI. These are not only minimally invasive but have better patient outcomes. The cutting edge technology of lumen apposing metal stents are also being evaluated to drain bile ducts and gall bladders for failed ERCP and patients unsuitable for cholecystectomy. These are currently being performed by interventional radiology. In addition, newer technologies like endoscopic overstretch and the over-the-scope clips are employed for closure of large post polypectomy defects.

Hepatology:**1. Clinical**

- We have created a dedicated hepatology inpatient service as well as a dedicated hepatology clinic at ACC. Given the tremendous demand for hepatology services in Central Valley, the ACC hepatology clinic has patients scheduled

through January of 2018. The long term goal is to create a hepatology center of excellence.

- We are working closely with our internal medicine colleagues to create a structured hepatology curriculum for internal medicine residents. We applied for a UCSF education grant to create a Hepatology Mini-College for internal medicine residents in 2018-2019 academic year.
- Starting community outreach projects for patients and providers to raise local awareness of liver disease. First talk in November 2017 in Visalia.

2. Research

We are starting a number of research initiatives.

- We formed an interdisciplinary research group (GI + oncology + surgery) with the focus on liver cancer. Our current project in this group focuses on epidemiology of HCC in the Central Valley over the past 10 years and involves GI and oncology fellows, as well as undergraduate students. Aiming to present at AASLD next year (Mali).
- We are looking into a QI/research project that evaluates appropriate use of hepatitis serologies in the inpatient setting (acute vs chronic serologies, impact on patient care and cost). (Umapathy).
- Submitting two case reports to Northern California Society of Clinical Gastroenterology (Dec., 2017, Mali, Sagar).
- Actively trying to start up industry supported clinical trials with primary focus on NASH (Sagar, Halim, Umapathy).



NEUROSURGERY



The UCSF Fresno Department of Neurosurgery based at Community Regional Medical Center is the only group in the Central Valley of California that provides high-level, complex neuroscience services to patients afflicted by disorders of the nervous system.

The Department of Neurosurgery, comprised of 6 neurosurgeons and one neurointerventional neurologist combines the abilities of subspecialty trained physicians with state of the art technology.

The surgical services are further supported by two neurointensivists who staff a 20-bed neuro-critical care ICU, the only intensive care unit dedicated to specially manage patients with neurologic disorders in the Central Valley. A physiatrist is also on staff to provide outpatient interventional pain management services. The physician staff is supported by 18 advanced practitioners, nurses, and clinical support staff.

Our Team

The Department of Neurosurgery is led by Dr. Ian Johnson, Associate Clinical Professor and Chief of Neurosurgery, who has grown the department over the past four years by bringing to the Central Valley subspecialty trained neurosurgeons, allowing for patients to remain close to home for treatment of complex neurosurgical diseases. The other Associate Clinical Professors serve as Directors of subspecialty service lines, working with multidisciplinary teams at Community Regional Medical Center to optimize care of patients:

1. Dr. Arash Afshinnik – Director of Neurocritical Care
2. Dr. Yu-Hung Kuo – Director of Surgical Neuro-Oncology
3. Dr. Derek Taggard – Director of Spinal and Neurological Trauma
4. Dr. Nicholas Levine – Director of Skull Base Neurosurgery

In the past year, the department has recruited Dr. Jonathan Grossman to join the department. Dr. Grossman is board-certified in both (Physical Medicine and Rehabilitation, and Interventional Pain Management). His background gives him a uniquely comprehensive perspective in providing effective pain management, as that is oftentimes the cornerstone in enabling patients to recover function, mobility and quality of life after a neurological diagnosis.

University Neurosciences Institute

The Department of Neurosurgery provides outpatient services through the University Neuroscience Institute. The office at River Park opened in 2014 with 10 clinical examination rooms. We expanded in 2015 to Visalia with a six room office. To meet the expanding demand for our neurosurgical services, we

have further expanded our outpatient clinics to Merced. With this expansion, the department now has a local presence in three counties of the Central Valley. In the coming year, we will be expanding our services to the Veterans Administration Hospital in Fresno, providing outpatient clinical services to current and past members of our military.

Neurocritical Care

Neurocritical Care (NCC) has grown significantly this past year. We now have a 20 bed intensive care environment located at Community Regional Medical Center, which includes a team of faculty, advanced practitioners and nursing staff focused on delivering comprehensive neuroscience care. With this infrastructure in place, Neurocritical Care now offers an educational rotation in the NCC unit to UCSF Neurocritical Care fellows, UCSF Fresno Medical ICU fellows, and UCSF School of Nursing Advanced Practice Students unit. The NCC faculty participate in multiple clinical trials and have successful enrollment in studies such as DIFFUSE 3, SAGE Super Refractory Status, and Respect ESUS. Finally, our faculty was nationally recognized at this year's Neurocritical Care Society's annual meeting with the Presidential Citation (Dr. Afshinnik) and a platform speaking (Dr. Deis) opportunity.

Interventional Pain Management

Dr. Grossman offers interventional pain management services in the outpatient setting and in conjunction with his expertise and experience in Physical Medicine and Rehabilitation, he also regularly incorporates treatment recommendations to include functional recovery guidelines and referrals to physical therapy, chiropractic care, and acupuncture. A sampling of the services Dr. Grossman offers include:

- Vertebral augmentation, such as kyphoplasty and vertebroplasty, for symptomatic spinal compression fractures and sacral fractures.
- Interspinous spacer implants and Minimally Invasive Lumbar Decompression ('mild') for the treatment of symptomatic neurogenic claudication secondary to lumbar spinal stenosis.

- Spinal cord, Dorsal Root Ganglion, and Peripheral nerve stimulation, both percutaneous trials and implantations, for the treatment of debilitating and painful nerve pain conditions.
- Intrathecal medication delivery pumps, both trials and implantation, for the treatment of severe, chronic pain.
- Fluoroscopically-guided diagnostic and therapeutic injections: Arthrography, Discography, and cervical, thoracic, lumbar, and caudal epidural steroid injections; facet and medial branch blocks; sympathetic ganglion and plexus blocks, sacroiliac joint, hip, shoulder, knee, peripheral nerve blocks, trigger point injections, and Botox injections.

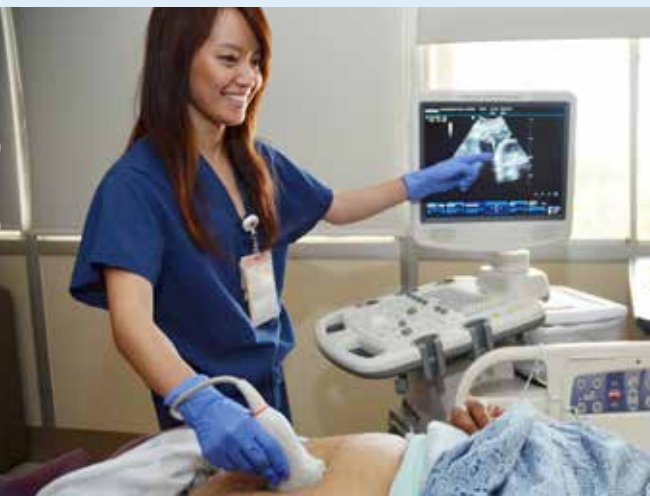
Research

The Department of Neurosurgery has significantly expanded its research efforts over the past year and is now involved in clinical trials across multiple subspecialty service lines. These efforts include industry sponsored trials, government sponsored trials, as well as investigator initiated efforts. Some of the efforts underway in the department include:

1. TRACK-SCI – Collaborators in a UCSF main campus prospective registry of spinal cord injury patients.
 2. DIFFUSE 3 – Randomized trial for acute stroke intervention 6-16 hours after onset of symptoms.
 3. ARCADIA – Randomized trial for stroke prevention in patients with cryptogenic stroke.
- Over the past year, members of the department have been invited speakers to the Neurocritical Care Society and American Association of Neurological Surgeons national conferences.

Community Outreach

As members of the Central Valley Community, the Department of Neurosurgery has reached out to the local community as mentors for high school and college students who have an interest in the medical field. The department has hosted four students through the Health Careers Opportunity Program and the Senior Summer Internship and Research Program run by UCSF Fresno.



The Department of Obstetrics and Gynecology continues to be in a state of change as we focus on providing services that meet the needs of our partners, the educational program and our community.

Over the course of 2016-2017 the department focused on increasing scholarly activity, resident wellness initiatives, participation in the Preterm Birth Initiative-CA (PTBi) and expanding clinical services in the areas of Gynecologic Oncology, Maternal Fetal Medicine and Urogynecology.

Teaching and Expanded Clinical Services

The department added new faculty that will help support existing and expanding clinical services as well as teaching and supervision of medical students and residents.

- August 2016, Dr. Anubhav Agrawal was hired as core faculty. He provides teaching and supervision to students and residents in the areas of general ob-gyn and urogynecology. In addition, he is seeing patients at University Urogynecology Associates to assist with our expansion of clinical services in urogynecology.
- December 2016, Dr. Mallory Novack, a recent graduate of the ob-gyn residency program was hired to teach and supervise students and residents in general ob-gyn. In addition, she is working with our Maternal Fetal Medicine faculty to expand her clinical care in high-risk pregnancy.
- January 2017, Dr. David Abel joined our team to help expand maternal fetal medicine services in the Central San Joaquin Valley. Dr. Abel is currently providing ultrasound and consultation services at Family Health Care Network, a federally qualified health clinic in Visalia. In addition, he teaches and supervises residents and medical students.

Scholarly Activity and Advocacy

All UCSF Fresno ob-gyn residents must complete a research and quality improvement project before graduation and must present their research project at our department's Annual Research Day. In an effort to increase our department's scholarly activity, Dr. Mallory Kremer was appointed as the Research Clinical Advisor. Under her leadership, both residents and faculty have increased their

overall scholarly activities that include regional, national and international presentations, QI presentations at the CRMC QI Symposium (3rd place for two years) and increased activity in grant-related projects.

The UCSF Fresno Department of Obstetrics and Gynecology encourages residents to advocate for their patients and overall women's health. The ob-gyn residency continues to maintain the Chair and Vice Chair Junior Fellow Advisory Council representative seats for ACOG District IX Section 3 and annually the program participates in ACOG's Lobby Day at the state capitol.

Preterm Birth Initiative- California

UCSF Fresno ob-gyn is actively participating in the Preterm Birth Initiative in Fresno. As the County with the highest population-adjusted rate of preterm birth in California and the highest rate of disparities among African-Americans, Latinas, and Caucasians, Fresno was selected for the first collective impact effort. PTBi-CA is galvanizing coordinated action among representatives from hospitals, public health-funded programs, primary care clinics, government, education, and community-based organizations to develop strategies that reduce preterm birth in high-risk populations within different Fresno communities. The three primary areas of focus are health and education before pregnancy, care and support for pregnant women, and coordinated care for women.

Resident Wellness

In the current health care environment, residents are at increased risk for burnout and depression. Psychological, emotional and physical well-being are critical in development of the competent, caring and resilient physician. The UCSF Fresno ob-gyn residency program strives to provide resources that encourage optimal resident well-being through numerous activities and programs. The program implemented a Wellness Chief Resident for the upcoming 2017-2018 academic year.

Program Development & Special Projects

- In collaboration with the other UCSF Fresno departments we are supporting a proposal to the March of Dimes from the Research Triangle Institute International for research on the congenital syphilis epidemic in Fresno County.
- The department developed and implemented monthly in-house education on Fetal Heart Tracing for physicians and nursing staff.

On Going Initiatives

The department continues to participate and collaborate in many initiatives, including:

- Increasing oncology clinical services and educational training.
- Expanding perinatology services in the Central San Joaquin Valley.
- Increasing participation with undergraduate students in the health professions pipeline programs in Fresno County.
- In continued efforts to expand resident training in Reproductive Endocrinology and Infertility, residents rotate at the Women's Specialty and Fertility Center where they are exposed to clinical infertility and embryology services.

Department Recognitions

In August 2017, Community Regional Medical Center received the 2017 Healthgrades Gynecology Surgery Excellence Award, the 2017 Healthgrades Labor and Delivery Excellence Award and the 2017 Healthgrades Obstetrics and Gynecology Excellence Award for demonstrating superior outcomes in women's healthcare services. These awards demonstrate the quality patient care our faculty and residents are providing at Community Regional Medical Center along with other physicians and health care professionals.

ORTHOPAEDIC SURGERY



The Department of Orthopaedic Surgery continues to grow and expand, providing high-quality orthopaedic surgery care to the entire Central Valley. The department continues to focus on providing expert and compassionate patient care, while training orthopaedic surgeons currently in our competitive and comprehensive orthopaedic residency program.

Orthopaedic Surgery Department Accomplishments

Over the past seven years, the Orthopaedic Surgery department has added a five-year residency program and has graduated the first nine residents, all of whom have matched into post-residency Orthopaedic fellowships and passed their first National Boards.

The faculty has grown to 11 physicians and continues to gain additional faculty trained in the multiple subspecialties within orthopaedic surgery. The newest faculty that have joined the department include Dr. Jason Davis (trauma fellowship-trained), Dr. Maximino Brambila (hand fellowship-trained), Dr. John M. Wiemann, (pediatric orthopaedics fellowship-trained), Dr. Mark Ayoub (trauma fellowship-trained), Dr. Motasem Refaat (trauma fellowship-trained), and Dr. Robert Kollmorgen, (hip preservation fellowship-trained).

Ongoing Initiatives

The department continues to have a robust trauma service with five trauma fellowship-trained orthopaedic surgeons. In addition, two hand fellowship-trained orthopaedic surgeons, a pediatric orthopaedic surgeon, and a hip preservation surgeon have joined the department. The Adult Reconstruction section continues to perform both primary and revision total joint arthroplasties with a growing revision arthroplasty practice.

The department has two private practice locations: University Orthopaedic Associates in Clovis (UOA-Clovis) and University Orthopaedic Associates in Fresno (UOA-Fresno). In addition, the department continues to staff the Ambulatory Care Clinic at Community Regional Medical Center four days a week. The clinical volume continues to increase with a current volume of approximately 800 clinic visits per month at the Ambulatory Care Clinic and roughly 1,500 patient visits at the University Orthopaedic Associates office locations.

5 TRAUMA FELLOWSHIP-
TRAINED ORTHOPAEDIC
SURGEONS

2 HAND FELLOWSHIP-
TRAINED ORTHOPAEDIC
SURGEONS

1,500 PATIENT VISITS AT THE
UNIVERSITY ORTHOPAEDIC
ASSOCIATES OFFICES



PEDIATRICS



We continue to make tremendous strides in expanding our patient care, education, research, and community/advocacy missions to improve child health in the San Joaquin Valley of California. With the addition of 15 pediatric subspecialty faculty to our department, 2016-17 was a year of expanded scope of pediatric services for children in the Valley and educational opportunities for residents and students at CRMC and ACC.

Department Accomplishments

Erica Gastelum, former resident and then Chief Resident at UCSF Fresno Pediatrics Residency Program, joined CCFMG in July 2016 as a general pediatrics faculty member and Director of Medical Student Pediatrics Clerkship at UCSF Fresno.

This is the first year that UCSF Fresno Pediatrics residents are working alongside and teaching residents of the new Valley Children's Hospital pediatric residency program.

With tremendous support from UCSF Benioff Children's Hospital and tireless leadership of Thianchai Bunnalai as PICU Medical Director, we are approaching the one year mark for the new PICU at CRMC.

Our department expanded with 15 physician and NP faculty added in the pediatric subspecialties of adolescent medicine, cardiology, child neurology, critical care, endocrinology, gastroenterology, genetics, hospitalist medicine, and pulmonology.

The ambulatory pediatric subspecialty services at CRMC in non-invasive cardiac, neuromuscular, cystic fibrosis and pulmonary disease, endocrine, and gastroenterology all received CCS certification as Special Care Centers.

UCSF Benioff Children's Hospital subspecialty faculty from the divisions of Hematology, Nephrology, and Rheumatology began to visit Fresno monthly to contribute to the patient care, education, and research missions in Fresno.

Serena Yang, Interim Chief of Pediatrics, is Team Leader for UCSF Fresno/CRMC PACER initiative (Professionals Accelerating Clinical and Educational Redesign). The UCSF Fresno/CRMC Team is one of 9 interprofessional faculty teams in medicine, nursing, pharmacy, and mental health across the nation, chosen by PACER to transform their primary care clinical practices and educational programs to prepare trainees to work together in high-performing patient-centered medical homes.

We were successful in securing our second cycle of Song-Brown Primary Care Residency Training funding from California Office of Statewide Health Planning and Development.

Ongoing Initiatives

We are establishing innovative multidisciplinary pediatric clinics of excellence in the areas of neurogenetics and pulmonary hypertension.

With the support of CCFMG, UCOE, and CRMC leadership, we are exploring models of general pediatrics faculty practice.

Research, Education and Publications

Mike Haight, Division Director of Pediatric Gastroenterology, was a finalist in the international NASA Johnson Space Center Space Poop Challenge of more than 20,000 competitors from 130 countries.

Mike Haight was an invited Visiting Professor lecturer at University of Saskatchewan in Canada and Boston Children's Hospital. Linda Copeland, faculty in Developmental and Behavioral Pediatrics, was primary author of the book chapter "Quality Coordinated Health Care for the High Risk Infant: The Evolving Concept of the Medical Home" in the textbook Follow-up for NICU Graduates – Promoting Positive Developmental and Behavioral Outcomes for At-risk Infants, edited by H Needelman, B Jackson.

Renee Kinman, Pediatric Endocrinology faculty and Associate Program Director of UCSF Fresno Pediatrics Residency Program, led a team of UCSF Fresno Pediatrics faculty and resident facilitators

in "Utilizing Technology to Activate Team-based Learning" workshops at the regional Western Group on Educational Affairs (Western Region of AAMC) meeting and national Pediatric Academic Societies meeting.

Residents presented their research at the Western Research Medical Conference in Carmel, CA and American Thoracic Society International Conference in Washington, DC.

Renee Kinman and Sarah Stender, Division Director of Adolescent Medicine, mentored high school students from the Fresno Unified School District Women's Alliance in their oral presentation of the students' research at the Western Medical Research Conference in Carmel, CA.



PEDIATRICS

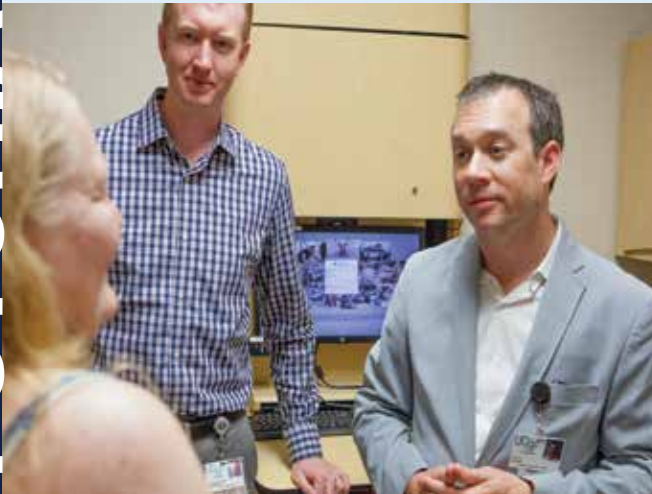
Pediatric Department in the News

- **2/22/2017:** Dr. Faulkenberry-Miranda featured in a video highlighting the value of the medical education program at UCSF Fresno
- **5/10/2017:** Dr. Scholefield was interviewed for a story on the dangers of Chicken Pox that was featured on KSEE 24 and CBS47
- **5/18/2017:** Kerry Klein at KVPR covered a special Dancing with the Doctors featuring pediatric residents at Yokomi Elementary
- **5/22/2017:** Dr. Shen discussed the benefits and drawbacks of commercially available genetic testing kits like 23andMe on ABC30
- **5/24/2017:** Dr. Stender featured on MedWatch Today to discuss the importance of mental health and the warning signs of adolescent depression
- **6/15/2017:** Dr. Yang featured in a video series about career possibilities to inspire local high school students for Fresno Unified
- **6/30/2017:** Dr. Abu-Shamsieh was featured in Parent's Magazine about breastfeeding
- **8/28/2017:** Dr. Stender and Dr. Yi (2nd Year Pediatric Resident) discuss the importance of sleep for adolescents
- **10/7/2017:** Dr. Gastelum featured on MedWatch Today discussing the dangers of whooping cough
- **10/9/2017:** Interview with MedWatch Today featuring Amy Parks on managing difficult behavior in children





PSYCHIATRY



The Psychiatry Residency Program continued its recent success in placing graduates in prestigious fellowships. In July 2017, two of our alumnae (Dr. Sarah Sicher and Dr. Sarah Ghebrendrias) began their Child and Adolescent Psychiatry Fellowship training at the University of Southern California.

Department Accomplishments

Betty Liao, PhD, a psychologist hired by UCSF Fresno UME to oversee medical student well-being, has begun seeing private patients at University Psychiatry Associates.

Marcy Black, LCSW, has begun working full-time in the ACC Integrated Mental Health Program, and has begun supervising social work students from Fresno State. We hope that this will herald increased training of other mental health professionals within the Department of Psychiatry, including psychologists and psychiatric nurse practitioners.

Dr. Shawn Hersevoort received the UCSF Academy of Medical Educators Excellence in Teaching Award and was appointed co-chair of the Education Committee for the California Psychiatric Association.

Ongoing Initiatives

Dr. Karen Kraus continues her collaboration with the Department of Pediatrics and co-investigator Dr. Serena Yang on two ongoing projects – the PCIR grant supporting resident education in the patient-centered medical home, and the HRSA Collaborative Office Rounds grant.

The Department of Psychiatry continues to work toward a medical staffing collaboration with Fresno County Department of Behavioral Health. Our initial forays into DBH (Dr. Shawn Hersevoort as Consultant Medical Director on the adult side, and Dr. Karen Kraus as Consultant Chief Child Psychiatrist on the children's side) have helped to clarify the challenges that will accompany this collaboration, projected to begin formally in early 2018.

Research, Education and Publications

A study that aims to test the therapeutic potential of the orexin antagonist drug, suvorexant, in a laboratory model of human panic continues (Dr. Andrew Goddard Principal Investigator).

The department is close to receiving IRB approval for the new NNDC (National Network of Depression Centers) Foundation grant to participate in a multisite ketamine trial for resistant depression (Dr. Andrew Goddard Principal Investigator).

In the past year, Psychiatry Department faculty have produced four publications, three regional conference presentations, and one national conference presentation.

Program Development and Special Projects

In close collaboration with our institutional partners (CRMC, VA and Fresno County DBH), we are working toward expansion of the Psychiatry Residency Program. Increasing our resident complement from 16 to 24 residents will be an important step toward meeting the mental health needs of our region.

In collaboration with Dr. Ivan Gomez from Family and Community Medicine, and Dr. Shannon Suo from UC Davis, Dr. Shawn Hersevoort started a first-of-its-kind “Area of Concentration in Primary Care Psychiatry,” in which Family Medicine residents will receive at least 200 extra hours of mental health training during their second and third years.

4 PUBLICATIONS

3 REGIONAL CONFERENCE PRESENTATIONS

1 NATIONAL CONFERENCE PRESENTATION

SURGERY



The Department of Surgery continues to provide access and amazing care to the entire Central Valley region.

By ensuring that our physicians maintain standards of care while utilizing the most advanced surgical techniques, our patients receive the best treatment with an emphasis on an inter-disciplinary approach. One of the key foundations of our department is to educate the next generation of Valley doctors, many of whom choose to stay local and serve this community.

Department Accomplishments

In collaboration with the Trauma Research and Education Foundation of Fresno (TREFF), several of the department trauma surgeons presented at the only Central California Trauma Symposium, in May of 2017. A very important topic presented was Bleeding Control (B-Con). On June 30, 2017 the Trauma Program offered the first course open to all Community Medical Center and University of California San Francisco, Fresno staff and Community Regional Medical Center house staff, and security personnel.

January of 2017, the department renovated the surgery suite skills lab. The skills lab has been expanded to 2,630 square feet of clinical skills simulation and lecture space with new class room – style table and chairs and a sixty inch LED touch screen monitor with Apple TV capability for discussing specific scenarios and documented cases. Currently the department has one LAP simulator system and four Fundamentals of Laparoscopic Surgery (FLS) trainer systems with a recent upgrade of monitors and equipment to their three existing FLS trainer boxes. Due to newer mandated surgical Residency Review Committee (RRC) requirements, the department will acquire a new GI Simulator. Currently, at least 100 learners utilize the skills lab each month and these numbers continue to grow. An open house and meet and greet was held on July 21, 2017.

The Department of Surgery has added new faculty Dr. Anne Prentice vascular surgery, Dr. Phoung Nguyen colon and rectal surgery, Dr. Andrea Long trauma surgery, Dr. Jonathyn Romanyshyn trauma surgery and recently recruited three UCSF Fresno surgery residency program alumnae, Dr. Yan Cho and Dr. Tejal Pandya and recent UCSF vascular surgery fellowship graduate, Dr. Leigh Ann O'Banion. In addition the department has hired endocrine surgeon Dr. Farah Karipineni and three Physician Assistants, Renita Tyler-Richards, Quan Dang, Andrew Wickwire and Nurse Practitioner, Robin Munoz.

Research, Education and Publications

Conference Presentations

- At the April 2017 Southwestern Surgical Congress in Hawaii, Dr. Jim Davis presented “Base Deficit is Superior to Lactate in Trauma,” Acute Care Surgery (ACS) Fellow Dr. Rachel Caiafa gave a poster presentation

“Outcomes in Traumatic Subdural Hematomas Based on Time to OR” and fourth-year resident, Dr. Sammy Siada presented “Day Versus Night Laparoscopic Cholecystectomy: a Comparison of Outcomes and Cost” (podium presentation).

- Dr. Christina Maser presented “The Humble Expert-Controlling Risk While Establishing Your Practice” at the American Association of Endocrine Surgeons, April 2017.
- At the April 2017 Northern California Chapter American College of Surgeons (ACS) Annual Educational Meeting, in Berkeley, fourth-year resident Dr. Sammy Siada again presented “Day Versus Night Laparoscopic Cholecystectomy: a Comparison of Outcomes and Cost” (podium presentation) and Surgical Critical Care (SCC) Fellow, Victoria Sharp, presented “After the embo: predicting non-hemorrhagic indications for splenectomy after angioembolization in blunt trauma patients” (podium presentation). Once again UCSF Fresno surgery residents came in top place as Dr. Allen Chen, Dr. William Oh and Dr. John Stivers represented and took 2nd place at the Laparoscopy (Lap Bowl) Competition.

Department Contributions to Scholarly Publications

- Schaetzel S, Dirks RC, Davis JW “Comparison of outcomes of patients with acute appendicitis between an acute care surgery model and traditional call coverage model in the same community.” *The American Journal of Surgery*, 2016 Dec.
- Zmary KR, Davis J, Ament EE, Dirks R, Garry J “This too shall pass: a study of ingested sharp foreign bodies.” *Journal of Trauma and Acute Care Surgery*, 2017 Jan.
- Kwok AM, Davis JW, Dirks RC, Wolfe MM, Kaups KL “Time is now: venous thromboembolism prophylaxis in blunt splenic injury.” *The American Journal of Surgery*, 2016 Dec. Lilienstein JT Davis JW, Bilello JF, Dirks RC “Risk factors associated with post-extubation stridor in the trauma intensive care unit” *The American Journal of Surgery*, 2016 Sep.

Program Development and Special Projects

The residency program and its current three fellowships are gaining visibility and appeal to medical students as they complete their rotations and share their learning experiences of extensive clinical teaching, robust curriculums and incomparable, hands-on practice.

Valley patients continue to benefit from the multi-disciplinary team approach within the surgery department. Our surgical ACTS PAs are providers that exercise their work in a busy, flexible, and adaptable environment, where PAs must respond quickly to emergencies with medium to high acuity. Our advanced practitioners manage a broad range of medical and surgical conditions from resuscitation and emergency procedures in the emergency department from inpatient care to outpatient follow-up under the supervision of a licensed trauma surgeon. The knowledge of all organ systems requires a deep knowledge of pathophysiology, wide knowledge of differential diagnoses, and a high sense of prioritization; all this in relation to the acute medical emergency, the mechanism of injury and the visible and invisible injuries sustained.

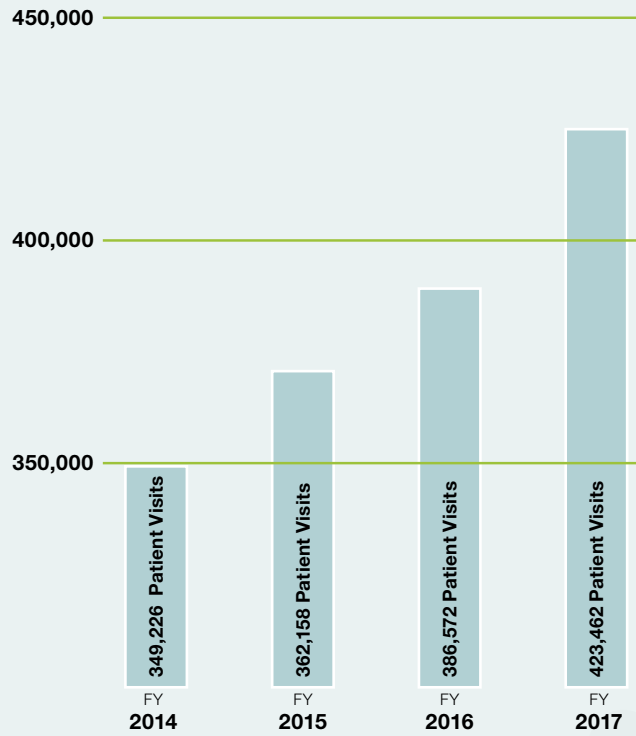
Knowing the invaluable service that our PA's provide, the department launched its highly anticipated Acute Care/Trauma Surgery Physician Assistant Residency Program in July of 2017. With the collaboration and support of UCSF and CCFMG, the PA residency program was officially introduced at the May, American Academy of Physicians Assistants Conference in Las Vegas, NV. The program is a 12 month surgical residency program that provides intense training in the perioperative and operative management of patients. We are excited about the venture and look forward to the benefit of improved patient care in a variety of clinical settings with this advanced training. Currently there are two PA residents in the program.

Surgery Department In The News

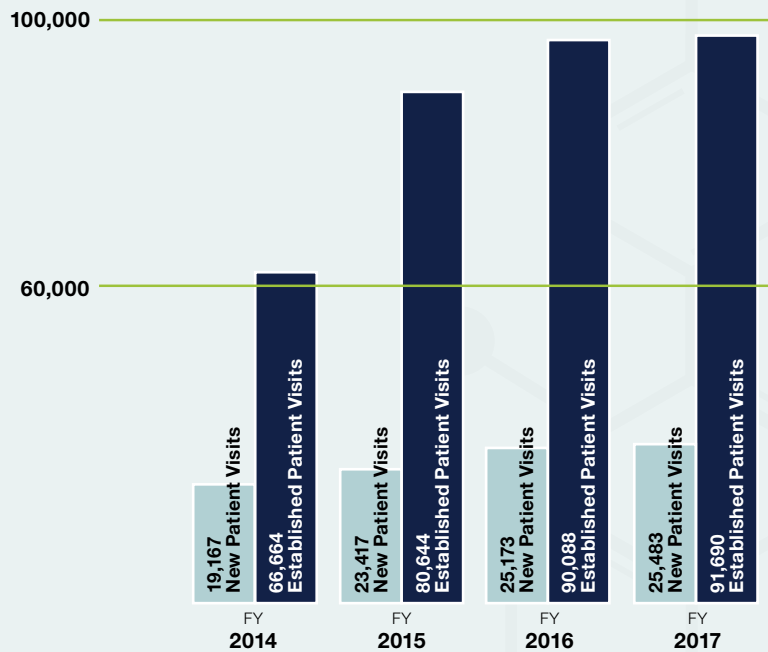
The Fresno Madera Medical Society recently interviewed our nine women surgeons for a Women Surgeons re-creation of the New Yorker piece on female surgeons. The groundbreaking article ran in the July Issue of the Central Valley Physicians magazine and October 21, 2017 in the Fresno Bee.

KEY STATISTICS

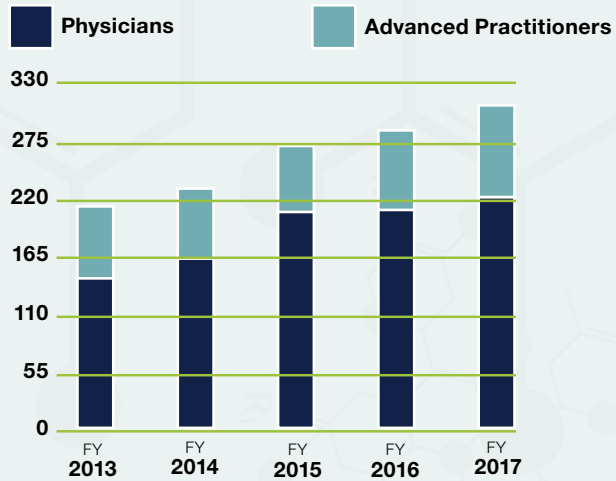
Central California Faculty Medical Group Patient Visits



University Centers of Excellence (Faculty Practice Sites) Patient Visits

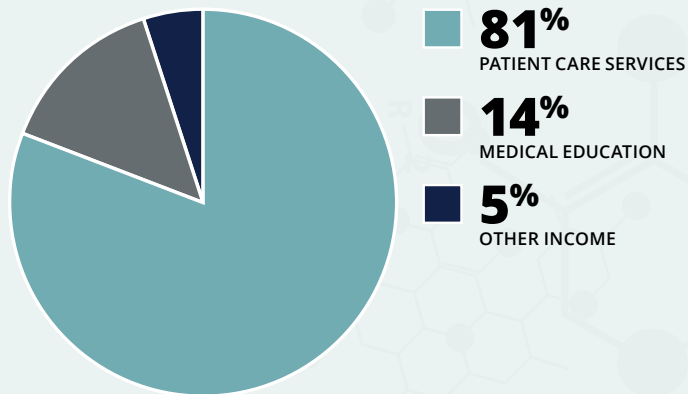


Physicians and Advanced Practitioners



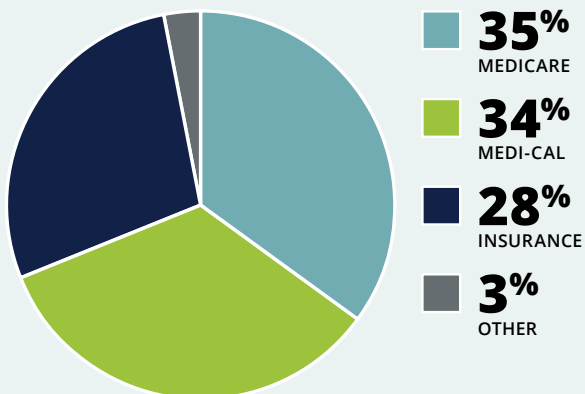
Central California Faculty Medical Group Sources of Revenue

Sources of Revenue

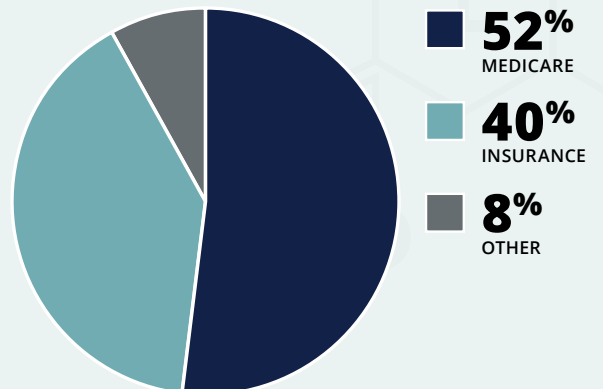


Payer Mix

Central California Faculty Medical Group Payer Mix



University Centers of Excellence Payer Mix (Faculty Practice Sites)



FACTS AND FIGURES



The University Centers of Excellence is the faculty private practice side of Central California Faculty Medical Group. Each physician holds a faculty appointment from the University of California, San Francisco (UCSF) at UCSF Fresno. In 1975, the Fresno Medical Education Program was established as a clinical branch of UCSF.

The University Centers of Excellence faculty practice offices were developed to allow the community to have unprecedented access to UCSF faculty physicians. Patients are now able to receive the same world-class care they expect to receive in larger metropolitan cities without having to travel outside of Fresno.

Mission Statement

We achieve excellence by providing superior patient care based on customer satisfaction and timely service, by teaching the next generation of doctors, and by seeking new discoveries into the course and causes of disease.

History

In 1979 Central California Faculty Medical Group, Inc. (CCFMG) became incorporated, changing the physicians from Fresno County salaried employees to a faculty medical group.

In 1984 CCFMG opened the first two private faculty practice sites.

Faculty at UCSF Fresno

CCFMG provides faculty for eight of the UCSF Fresno residency programs.

CCFMG provides faculty for 15 of the UCSF Fresno fellowship programs.

Patient Care

In fiscal year 2017* CCFMG recorded 423,462 patient visits. The University Centers of Excellence recorded 25,483 new patient visits and 91,690 established patient visits, through the faculty practice sites.

Commitment

Approximately 50% of graduate physicians stay to practice medicine in the Central Valley.

**Fiscal year ending 2017 (July 1, 2016 – June 30, 2017).*

NUMBERS AT A GLANCE

1979 CENTRAL CALIFORNIA FACULTY MEDICAL GROUP (CCFMG) INCORPORATED

1984 OPENED 2 FACULTY PRACTICE SITES

423,462 CENTRAL CALIFORNIA FACULTY MEDICAL GROUP PATIENT VISITS IN FISCAL YEAR 2017

25 FACULTY PRACTICE SITES

50+ SPECIALTIES AND SUB-SPECIALTIES OFFERED THROUGH THE UNIVERSITY CENTERS OF EXCELLENCE

250+ CORE FACULTY PHYSICIANS

50% UCSF FRESNO RESIDENCY AND FELLOWSHIP GRADUATES STAY IN CENTRAL VALLEY



CCFMG
Central California Faculty Medical Group

CCFMG Corporate Office
2625 East Divisadero Street
Fresno, California 93721
Phone: 559.453.5200