

Spring / Summer 2016

Your City, Your Hospital





On this page: Patients lessen anxiety and preserve sense of self by taking part in the Expressive Arts Program at the Ray Dolby Brain Health Center at CPMC.
On the cover: Gaby Aitkenhead enjoys a quiet moment with her twin sons Mateo (left) and Diego, whose lives were saved at CPMC.



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Investing in Your Community's Health

Letter from the President



Dear Friend:

Welcome to **Your City, Your Hospital**, a new publication from CPMC Foundation designed to keep you up to date on the extraordinary things happening at Sutter Health's California Pacific Medical Center – many of which are made possible by people like you. We will share with you uplifting stories about how visionary philanthropic investments in CPMC programs are making a significant impact on the care your family, friends and neighbors receive every day. We will also keep you posted on construction progress of CPMC's two new hospitals, one in the city center at Van Ness and Geary, the other in the Mission District at Valencia and Cesar Chavez. Both are slated to open in 2019.

“Your partnership empowers physicians and their teams to accomplish extraordinary things they simply would otherwise not be able to do.”

By the end of the decade we will see remarkable transformations in medicine. Intelligent research will yield more life-saving outcomes. Many patients will be treated with precision therapies based on their own personal genetic profiles. Cases that require hospitalization will be more complex and call for a higher level of skill than ever before.

However, among all of these amazing changes, one thing will not change: CPMC will continue to offer an expert level of care typically found at an academic medical center, while delivering it with the compassion and convenience you expect from your local community hospital.

Philanthropy is a catalyst for the transformation of our community's health. Your philanthropic partnership with CPMC creates vital new programs, funds innovative research and empowers physicians and their teams to accomplish extraordinary things they simply would otherwise not be able to do. There are a number of such examples contained within these pages. I encourage you to take a few minutes to read more about how we are dramatically improving the health of our community together.

Wishing you good health,



Douglas Nelson
President, CPMC Foundation

Funding Highlights

Gifts Received

9,313 from **4,049** donors

Last year **CPMC Foundation** distributed funding to more than 35 different programs and services at CPMC to provide extraordinary care to patients and families from across the city and throughout the region.

Here we highlight a few.

Ray Dolby Brain Health Center

Since it opened in October 2012, the Ray Dolby Brain Health Center has been innovating care for patients and families dealing with Alzheimer's disease, other dementias and memory disorders. In 2015 the center named Alireza Atri, M.D., Ph.D. as the Ray Dolby Endowed Chair in Brain Health Research to establish an ambitious research program.



Cardiology

At CPMC's Heart and Vascular Center, which includes the Kanbar Cardiac Center, charitable dollars are invested in upgrading equipment, educating specialists, establishing new protocols, conducting research and otherwise supporting our nationally renowned physicians in a wide range of cardiac specialties.



da Vinci Surgical Robot

The new da Vinci Robot Xi, fully funded in 2015 by our philanthropic partners, is extraordinarily precise, allowing even more complex cases to be performed with minimal invasion. This includes new surgeries on the colon, pancreas, liver, gall bladder and numerous heart procedures.



3D Mammography

Your gifts allow us to upgrade rapidly evolving breast care technology that helps find cancers sooner and allows many of the nearly 40,000 women who receive mammograms each year at CPMC to live longer, healthier lives.



Kalmanovitz Child Development Center

This center provides diagnosis, evaluation and treatment for children with learning disabilities and medical or behavioral challenges. Your philanthropic investments help ensure that all families have access to these vital services, regardless of their insurance status or ability to pay.

“We are very passionate about helping these children reach their full potential.”

— **Priya Ingram, OTR/L, Occupational Therapist**
Kalmanovitz Child Development Center



Cancer Avatars

Sutter Health CPMC is one of only about 20 medical centers worldwide — and perhaps the only community hospital in the U.S. — developing “cancer avatars” for research. The process starts by collecting tumor samples from selected patients throughout Sutter Health. Cells from those human cancers are then implanted and grown in mice, from which they can be regularly harvested for testing.

“This makes a huge difference because unlike static tissue samples, live tumors in the avatars grow and change and can become resistant to treatment just like they do in patients,” says Michael Rowbotham, M.D., Scientific Director at CPMC Research Institute. “The mice avatars allow us to screen hundreds of different combinations of drugs at a time, so we can quickly identify the specific treatment most likely to help a patient.”

Another advantage is that Sutter Health’s extensive network of hospitals and clinics provides care for three million patients all across Northern California, which gives the Avatar team access to an incredibly diverse cancer population. “This is an exciting project that will accelerate the evolution of truly personalized cancer care,” says Mohammed Kashani-Sabet, M.D., and Medical Director of CPMC Cancer Programs. **“Very few medical centers offer their patients something like this.”**

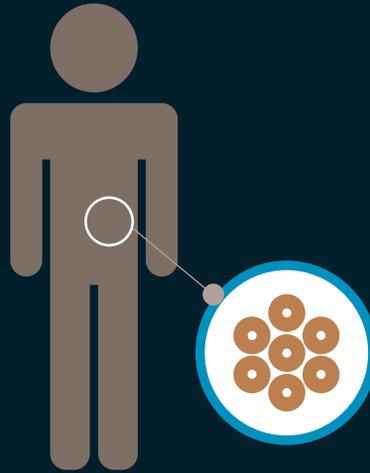
CPMC Foundation, the philanthropic arm of CPMC, recently announced it will invest nearly \$9 million in the Cancer Avatar Project over the next five years and has committed to raising another \$10 million during the same time period.

To make your own philanthropic investment in this visionary cancer research, please visit cpmc.org/giving.

By testing live tumor samples against hundreds of possible therapies, CPMC scientists are developing a faster, more accurate way to treat cancers.

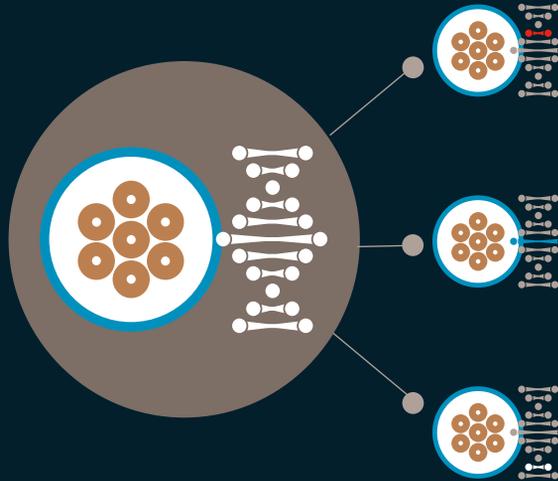
01

Surgically remove tumor, transplant to mouse avatar.



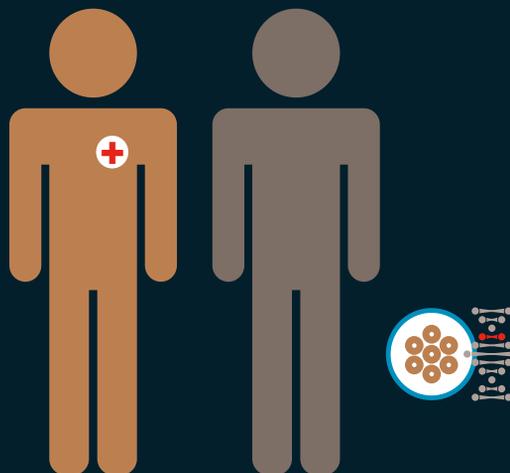
02

Live avatar cancer cell cultures tested against many drug combinations.



03

Rapid testing allows faster identification of treatment that is likely to work best.



Pediatrics

Little Lives Saved



Gaby Aitkenhead with her twin sons Mateo (left) and Diego.

“I was terrified he would die or suffer brain damage, but within minutes a team of 30 people was working on him. The response was unbelievable.”

Gaby Aitkenhead took one look at her infant son Mateo and knew he was in big trouble. He had been suffering from what she thought was a cold, but that night she realized his situation was far more serious. “He was dehydrated and really weak,” Gaby says. “But when he started vomiting, I felt something was very wrong.”

She and her husband Bobby rushed Mateo to CPMC’s Pediatric Emergency Department and literally as they arrived, he stopped breathing. “I was terrified he would die or suffer brain damage, but within minutes a team of 30 people was working on him. The response was unbelievable.”

Mateo was diagnosed with respiratory syncytial virus (RSV), which is usually a mild illness for older children, but much more serious for babies. Mateo’s twin brother Diego also became ill and they both spent two weeks in CPMC’s Pediatric Intensive Care Unit. “The quality of the medical care was outstanding,” says Gaby.

The staff not only cared for the boys, but for the family as well, allowing them to sleep in their sons’ ICU room and take part in their healing. Gaby was amazed that the nurses “would bring the kids toys, sing them songs, caress them – their compassion was incredible.”

Today, Mateo and Diego are nearly two years old and doing great. In appreciation, the Aitkenheads have made a philanthropic gift to CPMC Pediatrics to help other families get the same outstanding care. “Even as difficult as it was, everyone was so comforting that I still think of it as a good experience,” says Gaby.

Healing Jackie

by Howard Nemerovski

Before we left CPMC's Davies Campus, I tracked down Dr. Kim, the wizard who saved Jackie's life and brain on May 1 and shepherded us through the early critical days in the Acute Care facility. I found Dr. Kim in what may have been a sterile room and hugged him with gratitude and admiration. I did the same with Dr. Rome, the head of the acute rehabilitation program. Dr. Rome (together with Drs. Ng and Young) tracked Jackie's progress daily. On several occasions, as Dr. Rome stood watching Jackie work diligently under the guidance of the remarkable therapists, he showed his amazement and delight with her progress. The encouragement and optimism of Dr. Rome and his colleagues impacted the entire staff, who all were rooting for Jackie. I thanked Dr. Rome yet again on behalf of Jackie and the family, and I added, "You know that you have the best damn rehab center in the Free World, don't you?" He smiled and replied, "Thanks, but I don't think we can use that on our website."

Jackie is not yet fully aware of the progress she has made. We have needed to remind her of the extent of her initially devastating condition. We all know each step of progress that Jackie continues to make is a result of her determination and the efforts of so many gifted and dedicated people at CPMC's Davies Campus.



Jackie Nemerovski was admitted to CPMC's Davies Campus on May 1, 2015 after suffering a stroke. Her husband, Howard "Nemo" Nemerovski, maintained a blog throughout her recovery to share his thoughts on their experience. This excerpt was written near the end of Jackie's stay.

Within the Walls

Sutter Health CPMC is in the midst of constructing two new hospitals set to open in San Francisco in 2019, catalyzed by state mandate requiring hospitals to meet stricter earthquake safety standards. The site at Valencia and Cesar Chavez streets in the Mission District — the existing St. Luke’s Campus — is flat and will utilize a standard earthquake system called “buckling brace frames.” But at Van Ness and Geary, the site is sloped, posing unique challenges. The solution? Utilize 120 seismic “viscous wall dampers” — the first hospital in the U.S. to incorporate this technology.

[In an earthquake, this gum-like material acts as a seismic energy shock absorber, slowing shaking in the building.](#)

Built inside the building’s walls, each damper is in essence a tall, thin metal tank measuring approximately ten feet tall by five feet wide by six inches deep. The tank’s steel walls are perforated with small holes and inside each tank is a thick, gooey substance. In an earthquake, this gum-like material acts as a seismic energy shock absorber, slowing shaking in the building. The damper was first developed in Reno, Nevada and has been used extensively in Japan for the past 20 years.

The new Van Ness and Geary Campus, with 11 floors and 274 acute-care beds, will house the in-patient services which are now available at CPMC’s California and Pacific campuses. The seven-story, acute-care facility at Valencia and Cesar Chavez will provide 120 beds and feature an expanded emergency department, expanded obstetric services and several centers of excellence in clinical services. CPMC’s new buildings will not only be able to withstand a major earthquake, but will remain fully functional for 72 to 96 hours without any outside help, relying instead solely on their own onsite generators, fuel, water, medical and food supplies.

For more information, visit cpmc2020.org.

Sticky Problem, Goosey Solution



CPMC2020

Transforming Health Care in San Francisco

Sutter Health's CPMC is building two new hospitals in the city — one at **Van Ness and Geary**, the other at our St. Luke's Campus at **Valencia and Cesar Chavez**. Both are scheduled to open in early 2019.



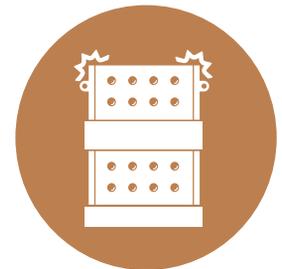
Sloan Barnett and Bob Tomasello, co-chairs of CPMC Foundation's Board of Trustees, sign the beam that topped off the framing of Van Ness and Geary in December 2015



Private patient rooms will have exterior views with natural light



Our hospitals will be self-sustaining for 72 hours — generators, supplies, fuel, water, food



For earthquake safety, 120 viscous wall dampers are installed at Van Ness and Geary to slow shaking. We're the first U.S. site to use these innovative shock absorbers




100%

100% fresh, outdoor air will be used in the hospitals instead of recirculated air



Van Ness and Geary
11 floors / 274 beds



Valencia and Cesar Chavez
7 floors / 120 beds



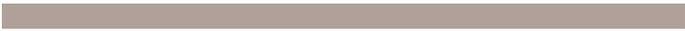
**“I Can Tell
My Kids:
Daddy Built
That!”**

Worker's View

San Francisco resident Colby Witfeld was selected from a construction apprenticeship program at the Herrick Steel company to work on his first project: the new CPMC Hospital at Van Ness and Geary streets.

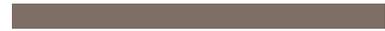
Last December, Colby was also chosen to speak for all the workers at the hospital's "Topping Out" ceremony — a tradition where the final steel beam, complete with the American flag and an evergreen tree, is lifted into place atop the structure. "I am proud to be involved in the building of a new hospital in my own community," Colby said from high up on the construction site to the crowd below. "This job has allowed me to support my family and given me a vision for my future. I can tell my kids, 'daddy built that!'"

60%



**Apprentices selected
from San Francisco**

35%



**Workers hired
from San Francisco**

Giving

Sutter Health's CPMC is a not-for-profit medical center. Your philanthropic partnership enables our physicians and researchers to do what they otherwise could not for our patients and their families:

Innovate new care models

Recruit and retain the best medical talent

Enhance continuity of care

Inspire intelligent research

Elevate medical education

Acquire new technology

Your charitable investment options include:

Appreciated securities

Bequests in a will or revocable living trust

Charitable gift annuities

Charitable lead trusts

Charitable remainder annuity trusts

Charitable remainder unitrusts

Life insurance

Monthly giving

Outright cash gifts

Real estate

Retained life estates

Retirement plan assets



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