



*we're right here...  
for our community.*

REPORT TO THE COMMUNITY **2021**



In Los Angeles, and around the world, 2020 has been a year like no other.

From the outset of the pandemic, Cedars-Sinai moved swiftly and effectively to care for patients who were the victims of this novel virus. Today, we continue to be among the leading hospitals in California in caring for COVID-19 patients, and we've made a number of critical research discoveries that benefit men, women and children across the globe.

**“ As we responded to the pandemic, another challenge was to ensure that we continued to meet the needs of our community as we advanced our mission. We are succeeding on both counts because this community and the people of Cedars-Sinai have demonstrated profound courage and compassion. ”**

**—THOMAS M. PRISELAC *President and CEO, Cedars-Sinai Health System  
Warschaw Law Chair in Health Care Leadership***

**“ I hope you are heartened by the work we are sharing here—by the courage and resilience of our patients and frontline caregivers, the tenacity and brilliance of our scientists, the strength and continuity of our community partnerships, the creativity of our scholars and the generosity of our donors. ”**

**—JAMES LIPPMAN *Chair, Board of Directors***



# we're right here... for our patients

647,104

Medical Network outpatient visits,  
including over 40,000 video visits

1,165,849

active My CS-Link™ accounts

3,000+

nurses on staff

From primary, urgent and specialty care locations throughout the Southland to advanced treatments for rare, complex and life-threatening diseases, Cedars-Sinai always puts patients—and their loved ones—first. Our every act extends from a deep commitment to improving individual and community health. We tirelessly pursue breakthrough therapies that are more effective and less invasive, set new standards for quality care, reduce health disparities, and save, extend and improve lives.

## Transplantation

The Cedars-Sinai Liver Transplant Program had the best one-year survival outcome of all hospitals in California—with 96% of patients surviving beyond the one-year milestone. Our kidney and heart transplant patients also continue to have excellent outcomes, with 97% surviving past the one-year benchmark. In addition, the Smidt Heart Institute ranked first in the country in heart transplant volume, a distinction earned since 2010. Last year was the busiest so far for the Cedars-Sinai Comprehensive Transplant Center, with more than 500 organs transplanted.

## Marina del Rey

In 2019, Cedars-Sinai Marina del Rey Hospital marked its 50th anniversary. Since its founding in 1969, the hospital—originally known as Marina Mercy Hospital—has served as a critical healthcare resource for Marina del Rey and the surrounding communities. Cedars-Sinai, which acquired the hospital in 2015, is deepening that community commitment by adding new and enhanced services and programs as we begin construction of the new Cedars-Sinai Marina del Rey Hospital. It will feature an expanded emergency department, state-of-the-art operating rooms, cardiac catheterization and gastroenterology labs, and interventional procedure suites to handle the most complex cases. The current hospital will remain open and fully operational during construction, which is expected to be completed in 2025.

## Heart

A Cedars-Sinai patient was the first in the world to undergo surgery to implant a minimally invasive device to prevent aortic aneurysms. The aorta, the body's largest artery, delivers blood from the heart to other organs and to limbs. If an aneurysm—a weakening or bulging—develops, it can become life-threatening and require surgery. However, a patient's anatomy or overall health may preclude an open-chest procedure. The new technique could help many more individuals safely receive lifesaving treatment.

## Patient Experience

Always working to improve the patient and visitor experience, Cedars-Sinai developed CS HEARS, which stands for Hear, Empathize, Apologize, Respond and Recover, Smile and Thank. Aimed at reducing wait times, scheduling difficulties, wayfinding issues and other potential concerns, the program goes further than ever before in preparing employees to ease the stress of patients, families and visitors.

## Global Partnership

Cedars-Sinai has teamed with Taikang Healthcare to develop a new, world-class hospital in Shenzhen, China. The hospital, which will be a public-private partnership in the Qianhai central business district, will house 500 to 1,000 beds. Cedars-Sinai will provide education, guidance and expertise in quality, safety and personalized care as the two institutions work toward a long-term relationship. Partners also include the Qianhai Authority—the government entity that manages the Qianhai district—and the Southern University of Science and Technology, a research university and medical school in Shenzhen.

## OB-GYN

Postpartum depression (PPD) is a common complication faced by new mothers—and one they can be reluctant to talk about. Cedars-Sinai is using numerous strategies to identify, treat and ultimately prevent the condition. These include creating a blood test to detect risk, developing early interventions, and providing medical and mental health support. Over the past three years, we have screened more than 20,000 women for PPD and offered interventions for every woman who screened positive.

## VIDEO

**Gender inequality permeates healthcare. Medical studies excluded female patients for decades, while women's symptoms have been dismissed for centuries. Hear the stories of eight female Cedars-Sinai patients who have overcome a biased healthcare system.**



# we're right here... at the bedside

2,000

research projects encompassing basic, translational, clinical and health services discovery

584

clinical trials

4

Carol Moss Foundation Chair in Medical Discovery  
General William and Willa Dean Lyon Family Chair in Reconstructive and Plastic Surgery  
Simms/Mann Family Foundation Chair in Nurse Education, Innovation and Research  
Linda Ostrowski Chair in Hematology/Oncology in honor of Barry Rosenbloom, MD

new endowed chairs

2,600+

faculty peer-reviewed publications

S

cientific discovery defines Cedars-Sinai. Our physician-

scientists generate treatments, devices and approaches that

advance the practice of medicine here and around the world.

In our laboratories and clinics, our investigators develop and test new ideas,

explore the genetic underpinnings of disease, realize the potential of stem

cells, leverage technology, and assess how gender and metabolism affect

health. We push forward the frontiers of biomedical knowledge as we pioneer

precision therapies, novel diagnostic tools and sophisticated new surgical

techniques to enhance the lives of men, women and children worldwide.

## Rheumatology

Autoimmune diseases, which can strike any part of the body, affect nearly 24 million Americans. Funded by a \$20 million gift from Dr. and Mrs. Min H. Kao and the Kao Family Foundation, the Kao Autoimmunity Institute connects research with advanced therapeutic care to address conditions including lupus, rheumatoid arthritis, myositis and vasculitis. Patients from around the world come to the institute for its advanced therapies. The institute includes the Scleroderma Program, which integrates treatments for this condition that afflicts multiple connective tissue systems.

## Neurosciences

People who develop Parkinson's disease before age 50 may have been born with disordered brain cells that went undetected for decades, according to Cedars-Sinai research. Scientists generated induced pluripotent stem cells (iPSCs) from young-onset Parkinson's patients, used them to produce dopamine neurons and then cultured those neurons to analyze their function. The technique gave the investigators a window back in time that may allow them to test the effectiveness of various therapies to treat or prevent the condition.

## Diabetes

About 50% of people with chronic pancreatitis will develop diabetes. Cedars-Sinai investigators lead three national studies that explore the connections between diabetes and chronic pancreatitis and pancreatic cancer. DETECT aims to develop a diagnostic test to distinguish the often-misdiagnosed Type 3c diabetes from the more common Type 2. New-Onset Diabetes aims to reduce the death rate from the most common form of pancreatic cancer: pancreatic ductal adenocarcinoma. And PROCEED seeks to elucidate disease progression while also testing the predictive capability of numerous biomarkers.

## Cancer

When colon or pancreatic cancer spreads, the liver is a frequent target and the results are usually fatal. The National Cancer Institute awarded Cedars-Sinai investigators \$9.1 million for a five-year study of liver cancer metastases from multiple perspectives. Other liver-related research examines how high-fat diets promote cancer, the actions of liver cells in people with fatty liver disease and the signaling pathways in metastatic pancreatic cancer.

## Heart

A Smidt Heart Institute study shows that some patients with coronary artery disease might not be choosing the best treatment. Current options include a stent to open the blocked artery, bypass surgery or a hybrid of the two. Many patients prefer stents because they can go home quickly. But the study showed that, over the long term, implanting stents alone puts patients at higher risk of death or heart attack, while those receiving multiple arterial bypasses are more likely to live longer. The investigators found that a hybrid procedure may offer the best of both worlds.

## Regenerative Medicine

Cedars-Sinai scientists are working with NASA to launch iPSCs toward the stars. Created from a patient's blood or skin samples, iPSCs can replicate any cell's function to help design personalized therapies. The cells are being sent to the International Space Station to discover how they react in near weightlessness. Prior studies have demonstrated that a microgravity environment can delay the ability of iPSCs to develop into different types of cells, which could enable scientists to create larger batches of undifferentiated iPSCs.

## VIDEO

**The Center for Integrated Research in Cancer and Lifestyle at Cedars-Sinai aims to help scientists understand how the lifestyle choices we make impact our risk of getting and surviving cancer. Dr. Stephen Freedland explains.**



## Digestive Diseases

A Cedars-Sinai-led team garnered \$10 million from the U.S. Department of Defense to study the risk factors and lifestyle activities that contribute to pancreatitis and pancreatic cancer. Pancreatic diseases are on the rise nationally, and no approved treatments or preventive measures are currently available to combat the progressive and chronic forms of pancreatitis. This research may lead to better interventions and new therapies for stopping these conditions.

## Orthopaedics

Orthobiologics are substances that are natural to the human body and can be used to heal injuries more quickly. Cedars-Sinai's Regenerative Orthobiologics Center explores which of these therapies are most beneficial—and develops new ones. The center brings together experts from regenerative medicine, sports medicine, anesthesia and spine surgery. Their initial disease target is osteoarthritis, a degenerative joint disease and leading cause of chronic joint pain and disability.

## Nursing

Nurse-scientists at the Geri and Richard Brawerman Nursing Institute are examining how to improve preventive health services for low-income seniors while reducing healthcare costs. With a \$2.3 million award from the Patient-Centered Outcomes Research Institute, they are engaged in a three-year study comparing the effectiveness of an in-home preventive healthcare program delivered by nurses to on-site group health and wellness classes for older adults living in low-income independent housing.

## Cancer

While usually harmless, the sexually transmitted human papillomavirus (HPV) causes 70% of throat cancers. HPV has traditionally been associated with younger people, but Cedars-Sinai clinical scientists were among the first to document its rise in people over age 65. They are now working to remove the stigma of HPV and get treatments to the population of baby boomers most at risk—older men. They also are designing a clinical trial to explore whether radiation treatments can be “de-intensified” to reduce side effects.

## RESEARCH FUNDING

\$113 million  
in federal awards in FY20—a 14% increase over FY19

\$14.5 million  
in nonfederal awards in FY20

10%  
increase in cancer research funding

# we're right here... in the community

\$723 million  
in Community Benefit contributions

\$25 million  
in grants to over 200 organizations

5,542  
activities touching more than 180,000 lives

Cedars-Sinai is dedicated to empowering people throughout Greater Los Angeles to live healthier lives. In addition to our free health education, screening and immunization programs, we join with hundreds of community organizations to increase access to physical and mental healthcare for the otherwise underserved—including people experiencing homelessness. We also provide critically needed grants to safety-net clinics and service providers. Our outreach initiatives are as diverse as the communities we serve.

## Grants

For the second year in a row, Cedars-Sinai increased our annual grantmaking commitment by another \$10 million, contributing over \$25 million in fiscal year 2020 to support more than 200 community-based organizations serving vulnerable populations. The grants foster housing stability, provide sustainable programs for homeless residents and build capacity at community clinics. This giving also supports mental health training, services for LGBTQ+ and veterans' groups, and a range of social services from numerous Jewish organizations.

## Healthcare Accessibility

Cedars-Sinai now provides free care to people earning up to 400% of the federal poverty level (\$103,000 for a family of four) and significantly discounted care to those earning up to 600% of the federal poverty level (\$154,500 for a family of four). While more people now have insurance coverage through the Affordable Care Act and Covered California, many commercial insurance plans carry a high deductible or copay, causing financial hardship for patients. Expanding the eligibility criteria for free or discounted care at Cedars-Sinai enables more people to receive our financial assistance.

## Homelessness

Even before COVID-19 (coronavirus) first struck, people experiencing homelessness faced higher death rates from treatable diseases than the general population. To help save lives, Cedars-Sinai sparked the Homeless Health Pathways Expansion Program with a \$500,000 gift. The program, administered by the United Way of Greater Los Angeles, expands and enhances medical services for people who must shelter in the streets, as well as those receiving temporary housing as part of the city's pandemic-relief efforts. Spurred by Cedars-Sinai's leadership gift, the program's funds have grown to \$2.5 million.

## Aging

Cedars-Sinai's Leveraging Exercise in Place (LEAP) program promotes physical fitness for older people while fighting the damaging effects of loneliness. When COVID-19 made in-person gatherings unsafe, the program moved its free exercise classes online and the LEAP team began regularly reaching out to participants via video conferencing and phone calls to make them feel socially connected. Supported by AARP, LEAP is a nationally renowned model for reducing social isolation among seniors and is just one reason why Cedars-Sinai has been named an Age-Friendly Health System by the John A. Hartford Foundation and the Institute for Healthcare Improvement.

## Primary Care Training

The Cedars-Sinai Community Clinic Initiative provides grants and training to strengthen the Los Angeles safety net—from primary care to psychiatric services. Supported initiatives include the UC Irvine/UC Davis Train New Trainers Primary Care Psychiatry Fellowship. The fellowship fills a crucial need in street medicine, since many primary care providers lack psychiatric training. Connecting people who experience homelessness to mental and physical healthcare is crucial to helping them recover their lives.

## VIDEO

**The Cedars-Sinai Healthy Habits program partners with community organizations to help children and their families learn about healthy eating and physical activity. See how the Healthy Habits team does its work in Los Angeles grade schools.**



# we're right here... training leaders

90

specialty and subspecialty areas  
involved in training residents and fellows

851

medical student clinical teaching rotations

Graduate School enrollment grew to

39

PhD students

20

master's students

T

hrough our highly competitive residency and fellowship programs, innovative master's and PhD degrees, and specialized training for nurses and pharmacists, we maintain a pipeline of opportunity—especially for promising professionals from underrepresented populations. Cedars-Sinai's robust academic enterprise is shaping new experts who will expand our legacy by revolutionizing biomedicine and redefining healthcare for future generations. We continue to expand and enhance our educational offerings, which also serve current health professionals and postdoctoral scientists.

## PHD PROGRAM

173

student publications

5

PhD students graduated in FY20

13

scholars enrolled in the two-year Clinical Scholars Program for senior residents, fellows and junior faculty in clinical and translational research

## POSTDOCTORAL PROGRAM

189

postdocs, with 17 promoted in FY20

## Technology

The Cedars-Sinai Accelerator attracts health-technology entrepreneurs from across the U.S. and Europe. Each company accepted must show that it's developing solutions for pressing healthcare challenges. Teams spend three months in Los Angeles working with Cedars-Sinai mentors, including doctors, researchers and administrators, and receive a \$100,000 investment from Cedars-Sinai. Each class culminates in presentations from participating companies about their progress.

## Simulation Center

At the Women's Guild Simulation Center for Advanced Clinical Skills, teams hone their skills on lifelike, robotic mannequins before helping human patients. Its technologies have become even more valuable in safety training during the pandemic. The sim center has helped prepare more than 5,000 doctors, nurses and allied health professionals to administer exemplary care for COVID-19 patients while remaining shielded from exposure. Services have included personal protective equipment training, COVID-19 system testing, and COVID-19 device design and testing.

## Equity

Unequal treatment can have serious health ramifications—especially during a pandemic. A Cedars-Sinai resident served as first author of a nationwide study examining whether caregivers have unconsciously discriminated against African American COVID-19 patients, who have experienced a disproportionate burden from the virus. In addition to encouraging such research on health disparities, Cedars-Sinai's commitment to equity, diversity and inclusion includes employee training programs to raise staff awareness about implicit bias or unconscious actions that can result in treatment inequalities.

## Clinical Scholars

Cedars-Sinai partners with UCLA on the National Clinician Scholars Program, training early-career physicians and PhD nurses to navigate, evaluate and sometimes redesign the healthcare system to better serve patients. Scholars identify systemic shortcomings and propose solutions to positively influence public health policy. They also treat patients at Cedars-Sinai and earn master's degrees at UCLA while performing health services research under the guidance of expert mentors at both institutions.

## VIDEO

**Cedars-Sinai Supportive Care Medicine is a highly integrated and well-established palliative care program, where skilled clinicians, social workers, chaplains, pharmacists and nurses are deeply committed to transdisciplinary patient care and the education of future palliative care physicians.**



# we're right here... with gratitude

\$102,359,216

raised, exceeding our \$100M goal

75%

of donors are grateful patients

21,704\*

gifts in support of Cedars-Sinai's  
COVID-19 efforts

\*INCLUDES MEDICAL SUPPLIES, MEALS, HOTELS AND MONETARY GIFTS

Y

ear after year, our extraordinary community of donors is here for us. This year, as we faced the COVID-19 pandemic, your generosity helped fuel our efforts to create effective treatments, provide exemplary care for patients facing this frightening illness, assist our neighbors across Los Angeles, and lift up and protect our frontline clinicians and other essential staff. At the same time, you provided unwavering support for our ongoing mission of delivering quality healthcare, expanding the horizons of medical knowledge, educating future health professionals, and improving the health of our community and world.

## Innovation in Action

Scientists and physicians at the Cedars-Sinai Board of Governors Innovation Center are uncovering the personal, comprehensive, genomic and cellular profiles of a range of illnesses—from cancer to autoimmune diseases—in the pursuit of insights and cures. A gift from **Douglas Shooker** will assist the expert team in their quest to develop personalized, lifesaving treatments, as well as techniques for prevention and early detection, based on the characteristics of an individual's disease at the cellular level.

## Future Medical Leaders

**The Younes and Soraya Nazarian Family Foundation** is helping Cedars-Sinai provide exceptional training to the next generation of physician-scientists—locally and globally—through a gift that established an endowed joint surgical residency program with Sheba Medical Center in Israel. The Younes and Soraya Nazarian Clinical Scholar Awards will provide outstanding surgical residents, fellows and early-career faculty with funding to boost their research and enhance their surgical and diagnostic skills.

## Gastroenterology and Hepatology

A \$25 million gift from **Martha L. Karsh and Bruce A. Karsh** named the Karsh Division of Gastroenterology and Hepatology (formerly the Division of Digestive and Liver Diseases). This transformative support will enhance patient care, expand faculty recruitment and training—including the division's prestigious fellowship program—and advance research to further scientific understanding of gastrointestinal and liver diseases.

## Nursing

In creating the Simms/Mann Family Foundation Chair in Nurse Education, Innovation and Research, Victoria Mann Simms, PhD, Ronald Simms and the **Simms/Mann Family Foundation** aim to drive the profession of nursing to new heights by developing a pipeline of nursing innovators to pursue solutions to healthcare challenges, lead change and improve health around the globe. As the inaugural holder, Margo Minissian, RN, PhD—executive director of the Geri and Richard Brawerman Nursing Institute—is harnessing nurses' collective compassion and problem-solving skills to advance the discovery, organization and transmission of knowledge, and foster leadership development for all nurses.

## Visionary Honor

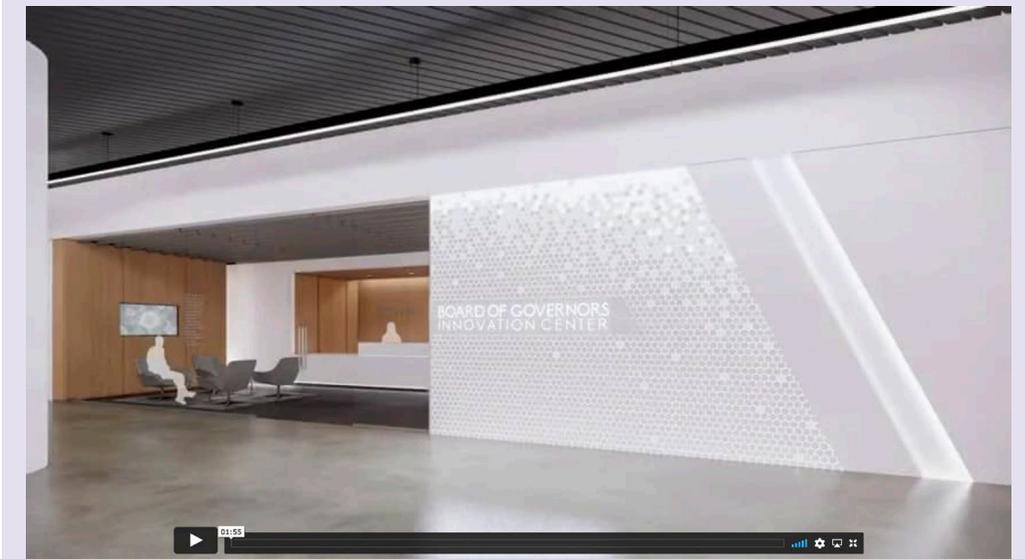
By establishing the Linda Ostrowski Chair in Hematology/Oncology in honor of Barry Rosenbloom, MD, the **Linda Ostrowski Trust** pays tribute to a pioneering oncologist. Rosenbloom is a founding member of Tower Hematology Oncology Medical Group and associate director of the Medical Delivery Network at the Samuel Oschin Cancer Center. The Ostrowski Chair will promote groundbreaking research and clinical care to improve and save patient lives. The gift was made in loving memory of Linda Ostrowski, who passed away in September 2019. It was her wish to help others.

## Health and Hope

When the COVID-19 pandemic hit, **Michael and Iris Smith** wanted to help. Their generous gift to the Cedars-Sinai COVID-19 relief efforts strengthened critical services for patients and bolstered our research into this deadly disease. In addition, the Smiths' gifts in kind—including hand sanitizer and fresh produce—improved safety and morale for our frontline medical workers.

## VIDEO

**Cedars-Sinai is home to some of the most groundbreaking discoveries in medical science. That tradition continues with the new Board of Governors Innovation Center, where scientists and physicians will focus on uncovering the genomic profile of an illness and developing new, personalized treatments and cell therapies targeting those specific disrupted genes or cell functions. Take a virtual tour.**



# we're right here... fighting COVID-19

2,000+

COVID-19 patients hospitalized at Cedars-Sinai

175,000

virtual visits to support the care and safety of our patients during the COVID-19 pandemic

18,959

drive-through tests administered (pre-procedure + community + Medical Network)



Our entire staff continues to present a united front against the deadly virus as they speed the search for new treatments and provide compassionate care to patients fighting the disease. Cedars-Sinai is currently engaged in nearly 100 research initiatives aimed at dramatically expanding scientific knowledge of the virus and its impact on the body. From ER nurses to pharmacists, cardiologists to pulmonologists, janitors to investigators—our frontline workers are confronting the pandemic together.

## Inflammation

Investigators are exploring the potential benefits of a new therapy, CAP-1002, that contains cardiosphere-derived cells (CDCs) grown in the laboratory from human heart tissue. The experimental treatment aims to reduce inflammation throughout the body that's triggered by COVID-19. The study grew out of the discovery that the body's immune reaction to COVID-19—and not the infection itself—is what often delivers the fatal blow. By countering this overreaction of the immune system, CDCs could stop two life-threatening conditions that often arise from COVID-19: acute respiratory distress and myocarditis.

## Heart

In addition to respiratory harm, many COVID-19 patients also experience heart problems—and a recent Cedars-Sinai study reveals why. Using stem cell-derived cardiac cells in a lab dish, investigators demonstrated the heart's vulnerability to infection and how quickly the novel coronavirus can divide within individual muscle cells. Within 72 hours of infection, changes appeared in the heart cells' ability to beat. Cultured cardiac cells could potentially be used to evaluate the effectiveness of new antiviral therapies for COVID-19.

## Pharmacy Services

The Pharmacy Department in collaboration with the medical staff has developed and implemented treatment guidelines based on evolving evidence since the onset of the pandemic, including convening a COVID-19 Therapeutics Subcommittee of the Pharmacy and Therapeutics Committee. Efforts include publication of weekly *Pharmacotherapy Digest* guidelines for treatment and for preserving critical drug supplies, and collaboration on clinical trials. Additionally, drug administration times were consolidated to reduce instances of nurses entering patient rooms, thereby conserving personal protective equipment.

## Artificial Intelligence

Cedars-Sinai scientists launched multiple projects to see how artificial intelligence (AI) might be harnessed to help COVID-19 patients. One study looks at the use of deep learning (a subset of AI) in CT scans to more efficiently diagnose the illness, determine the likelihood of respiratory failure and keep hospitals as safe as possible. Investigators hope the research will lead to a widely applicable, automated, real-time test to identify the disease from a patient's chest CT scan, predict a decline and trigger an earlier treatment plan.

## Faith Communities

How can people of faith worship together when COVID-19 prevents large public gatherings? Cedars-Sinai chaplains used their experience to guide religious communities during the pandemic, pivoting whenever possible from in-person worship to online video gatherings for prayer services, study groups, personal counseling or just regular check-ins. They also helped churches, synagogues and mosques develop plans for reopening safely.

## Employees Care

More than 500 Cedars-Sinai employees staff the Employee Resource Bank (ERB), an internal, temporary employment service launched at the beginning of the pandemic. One key ERB task is to deploy personnel to hand out masks and conduct quick, daily COVID-19 screenings of nearly 11,000 people—including patients, visitors, employees, volunteers and vendors—who enter 17 Cedars-Sinai buildings. The ERB also provides staff for Cedars-Sinai's drive-through COVID-19 testing sites in the main hospital and at Cedars-Sinai Marina del Rey Hospital.

## VIDEO

**As the healthcare heroes at Cedars-Sinai continue to care for all patients during the coronavirus pandemic, we've asked our staff on the front lines to share what it's like to work in their field during this health crisis. Hear their stories.**



## Community Health Partnerships

Thousands of Angelenos depend on Cedars-Sinai's extensive network of community health partnerships and programs. During this crucial time, our community health teams have pivoted to support local COVID-19 relief efforts. COACH for Kids®—a program of the Cedars-Sinai Maxine Dunitz Children's Health Center—has shifted to focus on vaccinations for children under age 2 to avoid preventable disease outbreaks as well as helping provide free breakfasts in Watts. And Cedars-Sinai's Share & Care art therapy program has expanded services to Los Angeles Unified School District (LAUSD) families by providing online mental health seminars.

## School Testing and Tracing

Cedars-Sinai is supporting LAUSD through a planning grant to develop a COVID-19 testing and contact-tracing program in preparation for the eventual, safe return of students and staff to in-class instruction. On an ongoing basis, sample testing based on epidemiological models will be conducted for each cohort of staff and students. Testing will also be provided to family members of students and staff who test positive for the virus and family members who show symptoms. This will help get students back to school as soon as possible while protecting the health and safety of the school community.

## Vaccines for Healthcare Workers

A new Cedars-Sinai study showed that a widely used tuberculosis vaccine is associated with reduced likelihood of contracting COVID-19. The findings raise the possibility that a vaccine already approved by the U.S. Food and Drug Administration may help prevent coronavirus infections or reduce severity of the disease. Researchers showed that Cedars-Sinai healthcare workers vaccinated with bacillus Calmette-Guérin (BCG) had fewer signs of the coronavirus. While BCG would not be more effective than a targeted vaccine, its demonstrated safety and wide availability could ensure rapid distribution—gaining valuable time as new vaccines are approved and released.

## Nutrition and Wellness

Community health educators from Cedars-Sinai Healthy Habits are delivering vital health and wellness information to at-risk families during the LAUSD closure. Every weekday morning at Grab & Go Food Centers in Mid-City, Koreatown and Winnetka—where families pick up meals—Healthy Habits staff distribute resource guides about nutrition and exercise as well as mindfulness information from the Cedars-Sinai Share & Care program. Some 91% of students in the Healthy Habits program receive free or reduced-cost meals from LAUSD.

100

active COVID-19-related research projects

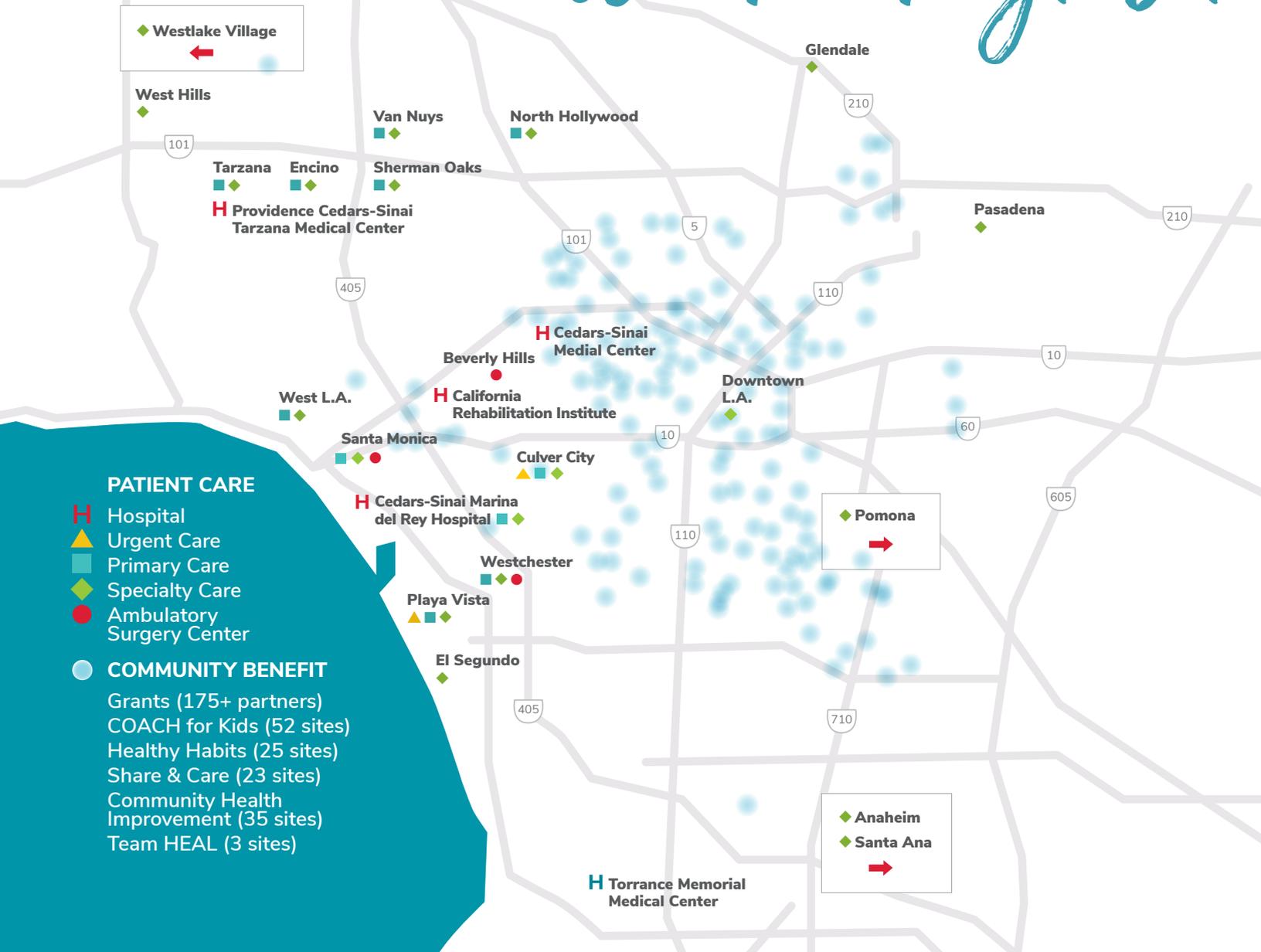
\$10 million+

raised toward COVID-19 rapid response

\$4 million+

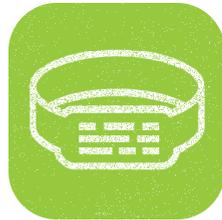
given to local organizations that are addressing access to care, emergency relief and food insecurity during the pandemic

*we're right here... and growing*



**W**e are on a mission to bring our doctors and care closer to where our patients live and work. This year, we expanded our presence in Santa Monica, opened flagship medical offices in Tarzana to better serve the San Fernando Valley and signed an affiliation agreement with Huntington Hospital in Pasadena. Torrance Memorial, another Cedars-Sinai affiliate, opened the new Hunt Cancer Institute while our Samuel Oschin Cancer Center unveiled a new state-of-the-art facility—both designed to foster healing and patient comfort.

THE NUMBERS JULY 1, 2019–JUNE 30, 2020



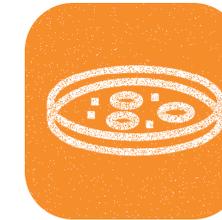
ADMISSIONS:  
**51,482\***



PHYSICIANS ON  
MEDICAL STAFF:  
**3,019**



FULL-TIME  
EMPLOYEES:  
**15,790**



RESEARCH:  
**584 clinical trials**  
**more than 2,660**  
**faculty publications**  
**more than 2,000**  
**research projects**



PATIENT DAYS:  
**281,084\***



OUTPATIENT VISITS:  
**1,290,323**



FELLOWS:  
**149 positions**  
**in 77 programs**  
RESIDENTS:  
**300 positions**  
**in 13 programs**



TECHNOLOGY TRANSFER:  
**78 invention disclosures**  
**45 patents**  
**17 licenses**  
**\$30 million in revenue**



LICENSED BEDS:  
**1,022\***



EMERGENCY VISITS:  
**119,151\***



VOLUNTEERS:  
**2,882 volunteers**  
**137,858 volunteer**  
**hours donated**  
**28 volunteer**  
**programs**



CONTRIBUTION FOR  
COMMUNITY BENEFIT:  
**\$723,512,000**

\*Cedars-Sinai Medical Center + Cedars-Sinai Marina del Rey Hospital

## ACCOLADES | HONORS AND RANKINGS

### Five-star rating

—Centers for Medicare & Medicaid Services

### No. 10 in the country

among non-university-owned hospitals receiving National Institutes of Health funding

### Top 50 Hospitals

—Healthgrades 2020

### Top 100 Great Hospitals in America

—Becker's Hospital Review 2020

### Top 100 Hospitals

for overall performance  
—Watson Health

### Most Wired Level 10

the list's highest honor and one of only three in the U.S.  
—College of Healthcare Information Management Executives

### 2019 Top Performer

—Association for Healthcare Philanthropy

### No. 7 overall Best Places to Work in IT and No. 3 in Diversity

—Computerworld

### Leader in LGBTQ Healthcare Equality

—Human Rights Campaign Foundation  
Healthcare Equality Index 2020

### Top Hospital for Diversity

—BlackDoctor.org

### Stroke Gold Plus Quality Achievement Award

and recognition on the  
**Target: Stroke Honor Roll–Elite Plus**

### 2020 Get With The Guidelines Award

—American Heart Association

### Top (three-star) designation

for outstanding patient care and outcomes in isolated mitral valve replacement and repair surgeries  
—Society of Thoracic Surgeons

### Pretreatment, Pollution Prevention and Stormwater Committee Award

for groundwater conservation program  
—California Water Environment Association

## U.S. NEWS & WORLD REPORT

### Ranked #7 on Honor Roll

### 12 specialties ranked nationally

- #2 Gastroenterology and GI Surgery
- #3 Cardiology and Heart Surgery
- #3 Pulmonary and Lung Surgery
- #3 Orthopaedics
- #7 Cancer
- #7 Gynecology
- #9 Nephrology
- #10 Neurology and Neurosurgery
- #11 Urology
- #11 Geriatrics
- #13 Diabetes and Endocrinology
- #22 Ear, Nose and Throat

## ACCOLADES | QUALITY AND SAFETY

### **Top 20% of all hospitals for patient experience nationwide**

Exceeds national and California averages for “overall rating” and “would recommend”  
—Hospital Consumer Assessment of Healthcare Providers and Systems survey

The Cedars-Sinai Liver Transplant Program has the **best one-year survival outcome of all hospitals in California**,

with 96% of patients surviving beyond the one-year milestone.

Ruth and Harry Roman Emergency Department designated as a

### **ST Elevation Myocardial Infarction (STEMI) Receiving Center**

—American Heart Association and Society of Cardiovascular Patient Care

### **Recognized by the Centers for Medicare & Medicaid Services**

for decreasing hospital-acquired complications with focused improvement in three types of infection

For the 10th consecutive year, the Smidt Heart Institute ranked first in the country for completing **more adult heart transplants than any other U.S. medical center**.

Cedars-Sinai has the best stroke outcomes—with the **lowest mortality rate out of 2,440 hospitals**

during the most recent three-year period measured

—Centers for Medicare & Medicaid Services

Technology Transfer Program ranked **No. 4 of 24 academic medical centers** and **No. 11 of 186 institutions**

—Association of University Technology Managers

One of 10 U.S. hospitals serving as a **regional center for treatment of highly communicable diseases**

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## FINANCIAL SNAPSHOT JULY 1, 2019 – JUNE 30, 2020

### INCOME AND EXPENSES

Revenues from patient care and other sources	\$4,292,317,000
Expenses	\$4,037,324,000
Operating income	\$ 254,993,000
Nonoperating income	\$ 73,771,000
<b>Net income to reinvest in Cedars-Sinai's mission</b>	<b>\$ 328,764,000</b>

### USES OF NET INCOME

Long-term debt to be repaid	\$1,187,079,000
Capital expenditures for facilities, renovation, technology, other	\$ 390,794,000
This year's payment on long-term debt	\$ 32,055,000

### COMMUNITY BENEFIT CONTRIBUTION

Unreimbursed cost of direct medical care for the poor and underserved (excludes the unreimbursed cost of caring for Medicare patients)	\$ 121,907,000
Charity care and uncompensated care for the underinsured/uninsured \$39,063,000	
Unreimbursed cost of caring for Medi-Cal patients \$82,844,000	
Unreimbursed cost of specialty government programs	\$ 2,363,000
Unreimbursed cost of direct medical care for Medicare patients	\$ 378,600,000
Community benefit programs, charitable contributions, and education and training for physicians and other health professionals (includes hundreds of free community education and medical screening/immunization programs offered at the medical center and in local schools, homeless shelters and community centers)	\$ 130,367,000
Research programs	\$ 90,275,000
Total cost of research \$239,768,000	
Less: Research funding from grants (\$149,493,000)	
<b>Total quantifiable community benefit</b>	<b>\$ 723,512,000</b>

## MISSION STATEMENT

Cedars-Sinai is committed to improving the health status of the communities we serve through:

- Leadership and excellence in delivering quality healthcare services
- Expanding the horizons of medical knowledge through biomedical research
- Educating and training physicians and other healthcare professionals
- Striving to improve the health status of our community

Quality patient care is our priority. Providing excellent clinical and service quality, offering compassionate care, and supporting research and medical education are essential to our mission.

This mission is founded in the ethical and cultural precepts of the Judaic tradition, which inspires devotion to the art and science of healing, and to the care we give our patients and staff.