

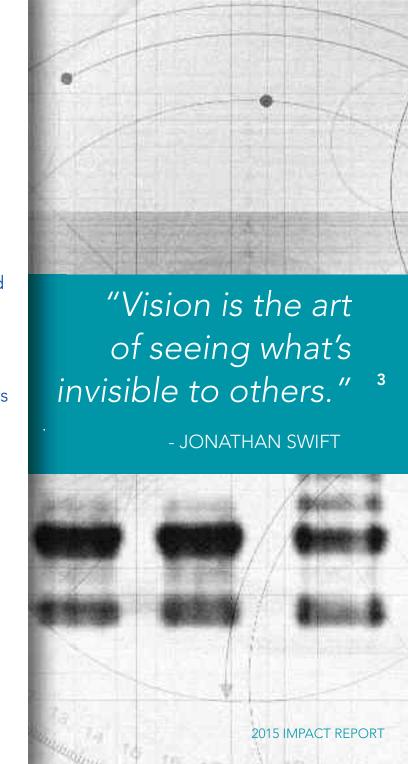
## 2015: A YEAR TO SEE AND BE SEEN

16 18 Vision from Vision for Vision for Vision for Vision for Vision Vision by the Numbers **Pediatric** the Future Our Leadership **Our Patients** the Hospital Projected Medicine

RADY CHILDREN'S HOSPITAL-SAN DIEGO 2015 IMPACT REPORT

The future of children's health in San Diego and beyond begins with a vision to transform pediatric medicine. By combining a commitment to innovation with a visionary mindset that believes the possibilities are endless, Rady Children's Hospital-San Diego is poised to shape the health of generations to come.

Thanks to the expertise and dedication of our physicians, leaders and staff, combined with the generosity of you—our investors and partners committed to the cause—we are at the forefront of pediatric medicine, leading the way to unprecedented advancements in healthcare. That's what we celebrate in this 2015 report: the exceptional achievements at Rady Children's and the anticipation of even greater successes in the years to come.





"We have arrived at a crucial and exciting moment in time where pediatric medicine is on the verge of a seismic shift. In just a short time, medicine—as it is practiced today—will be virtually unrecognizable. And at the forefront of that shift, leading the way, is Rady Children's."

DONALD KEARNS, MD, MMM, PRESIDENT AND CHIEF EXECUTIVE OFFICER RADY CHILDREN'S HOSPITAL-SAN DIEGO



"It is our responsibility to set the stage for the best possible outcome. Each decision we make lays the groundwork for healthier children and communities. This vision drives us and our belief in creating an organization that can lead the charge toward profound breakthroughs in pediatric healthcare."

TED ROTH, CHAIR, BOARD OF TRUSTEES RADY CHILDREN'S HOSPITAL-SAN DIEGO



"Our community's dedication to constantly improving—constantly reaching beyond—and never accepting the status quo is what allows Rady Children's to achieve incomparable results. Your investments have placed us at the forefront of cutting-edge pediatric medicine with no sign of letting up. Each of you allows us to solve problems and find solutions that others have yet to even consider."

PAUL HERING, CHAIR, BOARD OF TRUSTEES

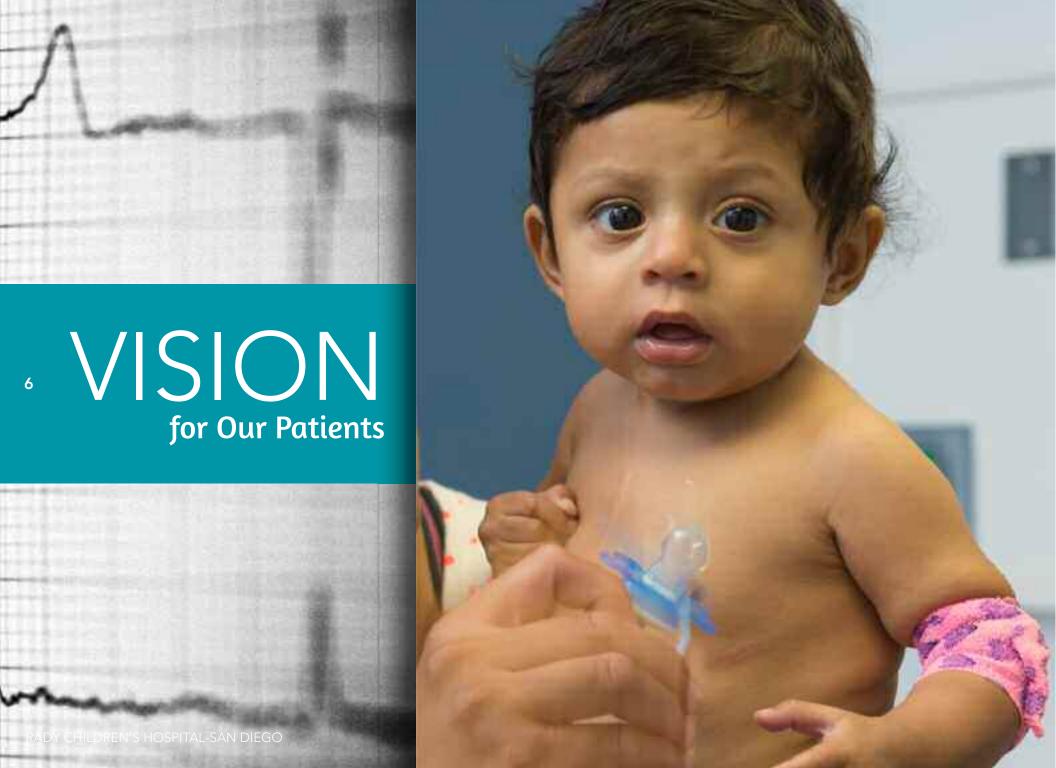
RADY CHILDREN'S HOSPITAL FOUNDATION



"Philanthropy has been monumental in helping Rady Children's establish the perfect balance of world-class talent and an unparalleled clinical and research enterprise. Our investors have made it possible for us to move even closer to our enduring commitment to free the world of some of today's most debilitating childhood diseases."







## Santiago

Dorn with cardiomyopathy, which results in deterioration of the heart muscle, Santiago Avila was immediately rushed to the neonatal intensive care unit at Rady Children's. His parents, who had already lost their first child to the same condition, bravely faced months of uncertainty, but met it with a new opportunity unavailable to them in years prior. Thanks to a new heart transplant program at Rady Children's, Santiago, at just 3 months old, became the youngest heart transplant recipient in his hometown of San Diego.

"Santiago's family was devastated by his condition but hopeful that we could provide the advanced care that he needed with a heart transplantation program close to home," says Rakesh Singh, MD, Transplant Cardiologist and Medical Director of Heart Failure and Transplantation. "He was successfully transplanted and did extremely well. His new heart works perfectly."



# Tracy and Savannah

One morning about 20 years ago, Tracy Dixon-Salazar heard a strange sound coming from her daughter's bedroom. She rushed in to find 2-year-old Savannah jerking violently in bed, apparently choking. But when paramedics came, they couldn't find any obstruction. It turned out that Savannah had a severe form of epilepsy called Lennox-Gastault Syndrome (LGS), which resulted in hours-long seizures—as many as 10 a day—and frequent emergency room visits over the next many years. The family tried more than 20 different treatments—from medications to diet to naturopathy—and nothing helped. Frustrated by the lack of knowledge about LGS in the medical community, Tracy took matters into her own hands and pursued education—first with journal articles and then a biology class which, 12 years later, led to a PhD, focused on epilepsy and other neurological disorders.

All the while, a new technology was taking hold: genomic sequencing. After earning her doctorate, Tracy went to work as a postdoctoral scientist for Joseph Gleeson, MD, Auxiliary Endowed Chair in Neuroscience at the Rady Pediatric Genomics and Systems Medicine Institute and a professor in the Department of Neuroscience and Pediatrics at UC San Diego. Dr. Gleeson suggested sequencing Savannah's genome and found what he was looking for: a series of gene mutations that code for calcium channels. Identifying the cause didn't guarantee treatment, but Savannah got lucky. A heart medication designed to block calcium channels was prescribed and, almost immediately, the frequency of her seizures dropped dramatically.

This groundbreaking work, genomics, is the realization of a remarkably innovative vision at Rady Children's and the key to the future of pediatric medicine.



"With the power of genomic sequencing, we have the opportunity to increase the speed of scientific discovery exponentially and expedite the translation to actionable prevention, treatments and cures."

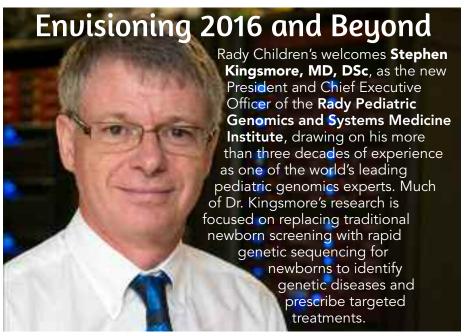
> CHRISTINA CHAMBERS, PHD, MPH THE FIRST FACULTY MEMBER HIRED BY THE RADY PEDIATRIC GENOMICS AND SYSTEMS MEDICINE INSTITUTE

## It's in Our DNA: Visionary Achievements in Genomics

The summer of 2014 was a monumental time in Rady Children's history, when the Rady Pediatric Genomics and Systems Medicine Institute began its journey to advance pediatric medicine through the study of DNA. With the goal of preventing, diagnosing, treating and curing childhood disease through research, Rady Children's set out to sequence the genome of children with birth defects or congenital conditions—and eventually every newborn and child who comes to Rady Children's. Discoveries from this groundbreaking Institute will save the lives of millions of children worldwide through the advancements made right here in San Diego.

## Highlights in 2015 include:

- April 2015: Rady Children's names Christina Chambers, PhD, MPH, the first faculty member of the Rady Pediatric Genomics and Systems Medicine Institute
- May 2015: Building on its legacy as a visionary and pioneering force for pediatric healthcare in San Diego, Rady Children's Hospital Auxiliary pledges \$2.5 million to fund the first-ever Endowed Chair of the Rady Pediatric Genomics and Systems Medicine Institute, empowering researchers and clinicians to translate discoveries into improved patient care
- July 2015: Rady Children's recruits renowned pediatric neurogeneticist Dr. Joseph Gleeson, Auxiliary Endowed Chair in Neuroscience at the Rady Pediatric Genomics and Systems Medicine Institute



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"The ability to perform heart transplants here in San Diego now allows us to provide comprehensive care for all children with any form of heart disease. Families will no longer have to relocate to other cities for transplantation and can stay close to home and loved ones."

DONALD KEARNS, MD, MMM

PRESIDENT AND CHIEF EXECUTIVE OFFICER, RADY CHILDREN'S HOSPITAL-SAN DIEGO

# Heart Transplant: Vision from the Heart

January 2015 marked another historic moment for Rady Children's, when a team of surgeons successfully performed the Hospital's first pediatric heart transplant on 11-year-old Eric Montaño, who suffered from restrictive cardiomyopathy. Since January, five other children received donor hearts at Rady Children's, including Montaño's twin brother, Raul, and their cousin, Jeevan Trejo.

The inauguration of the Heart Transplant Program at Rady Children's was long in the making, inspired by the leadership of John Lamberti, MD, Director of the Rady Children's Heart Institute, who recognized the critical need for heart transplantation in San Diego in 2005. That vision led to the building of a world-class team of physicians and surgeons and the invaluable support of benefactors who provided millions of dollars in funding to launch the program.

Six new hearts, six new futures—all because of a vision that came straight from the heart. And this is just the beginning of a new chapter in the life-changing work made possible by you, our investors, who share our vision and support our pursuit to implement new programs and bring world-renowned physicians to San Diego.





# **Emily**

At 4 years old Emily Marquez should have been full of energy, but was spending most of her days in bed. Diagnosed with hypothyroidism, she was prescribed medication and should have been improving, but instead she was sleeping 20 hours a day and her right eye was not focusing. Finally, an MRI confirmed that Emily had a large brain tumor—an aggressive form of cancer that destroyed her pituitary gland and severely damaged her optic nerve, leaving her permanently blind in her right eye.

After an eight-hour surgery, Emily underwent chemotherapy and proton therapy through Rady Children's Health Services at Scripps Proton Therapy Center. She is now 5, a kindergartener and cancer free.



# Proton Therapy: A Targeted Vision

We would all love to envision a world without cancer. But until that day comes, Rady Children's will fight the disease with all the technology available to us through our community healthcare partners.

As California's only program providing the most advanced proton therapy for pediatric brain and central nervous system tumors, Rady Children's, in partnership with Scripps Health, serves as the neuro-oncology referral center for the western United States. Pediatric patients from here in San Diego, as well as many referred from out of the area, are followed by our neuro-oncology team during their treatment. Beneficial for its optimal precision while sparing healthy surrounding tissue, proton therapy has been used to treat more than 40 children since the program's inception.



### "Vision with action can change the world."

**NELSON MANDELA** 























# Rady Children's Receives Regional and National Recognition and Award-Winning Accolades

It was another exceptional year for Rady Children's, acknowledged for our outstanding achievements in patient care and connectivity.

- For the fifth consecutive year, *U.S. News & World Report* identified Rady Children's among the top children's hospitals in the country, achieving rankings in all 10 specialties surveyed. Rady Children's Orthopedics program achieved particular distinction, ranking as the number two program in the United States.
- For the seventh year in a row, the Helen M. Bernardy Center for Medically Fragile Children at Rady Children's received national recognition by *U.S. News & World Report*, ranking among the best nursing homes with the highest overall rating of five stars.
- Additionally, U.S. News & World Report named Rady Children's one of the "Most Connected Hospitals" in the nation, recognized for improvements in patient care because of excellence in patient safety, patient engagement and clinical connectedness.

cancer • cardiology and heart surgery • diabetes and endocrinology • gastroenterology and GI surgery neonatology • nephrology • neurology and neurosurgery • orthopedics • pulmonology • urology

### In the Media

Rady Children's specialists are recognized experts in their field—and the media took notice. In 2015, we had hundreds of news placements in local, national and Spanish-speaking media outlets on everything from overall wellness to measles prevention.

### Rady Children's received high-profile media coverage on:

- The first pediatric heart transplant in San Diego County
- The naming of renowned pediatric neurologist Dr. Joseph Gleeson as the first Auxiliary Endowed Chair in Neuroscience at the Rady Pediatric Genomics and Systems Medicine Institute
- Rady Children's Auxiliary's \$2.5 million investment in genomics research



n fiscal year 2015, Rady Children's Hospital Foundation received more than \$140 million in philanthropy from you, our valued donors. Led by the Rady family, whose extraordinary vision propelled investment in the future of pediatric medicine, this generosity and farsightedness will allow the more than 200,000 patients we serve each year to see a new day, dream of a healthy outcome and face a brighter future, all while laying the groundwork for pioneering research that will seek answers to childhood's most mysterious diseases.

"Children are the future. For those who believe that—as we do—we have a special responsibility to see that each and every child is given the best opportunity to be a healthy, happy and successful part of the community in which he or she lives. The purpose of pediatric medicine is to make that goal reachable for every boy or girl who needs help getting there."

MJ AND MARK LINSKY LEGACY CIRCLE MEMBERS AND 2015 CHILDREN'S CIRCLE OF CARE MEMBERS



TOTAL: \$141,423,573



"When you take a moment to imagine the possibilities, it shouldn't take long for your vision to become bigger than your child, family or even the San Diego community. We have the ability to take historic steps and make a real difference in the world of pediatric medicine and the treatment of sick and injured children around the globe, for years to come."

ANDREW GORDON

GRATEFUL DONOR AND PARENT OF RADY CHILDREN'S PATIENT.

At Rady Children's our view of pediatric medicine may begin right here in San Diego, but our reach extends far beyond the borders of San Diego County—to places as near as Murrieta, Temecula, Arizona and our Pacific neighbors in Hawaii, and as far as Turkey, the Middle East and the Northern Marianas and Marshall Islands. Rady Children's truly has a global impact on children's health, and your support is felt the world over.

#### • International Services

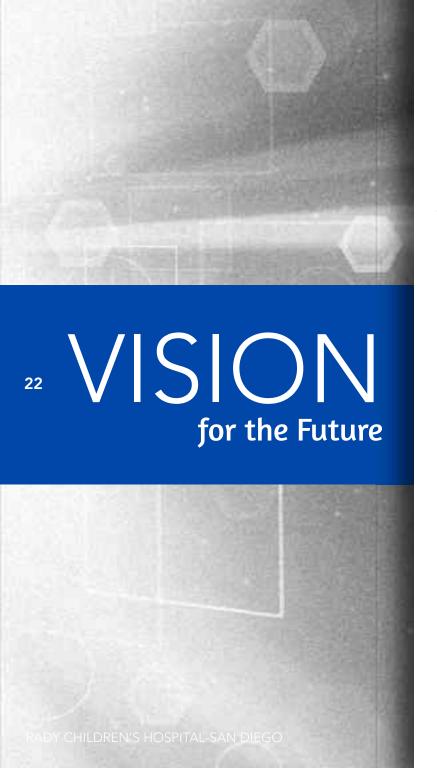
Our International and Out-of-Area Patient Services team coordinates care and services for families traveling from outside the region, working directly with departments throughout Rady Children's to ensure families are assisted at all stages of their child's healthcare experience.

#### • Destination: Heart

Rady Children's Heart Institute is a major referral center for Imperial, Riverside and Orange counties, as well as Hawaii, New Mexico, Mexico and the Pacific Rim islands. In 2015, Rady Children's celebrated 20 years of serving the heart surgery needs of patients at Kapi'olani Medical Center for Women and Children, in Honolulu, Hawaii. Since the program's inception, more than 1,200 open heart surgeries have been performed by Rady Children's surgeons on the island.

### • Riverside County Outreach

Rady Children's reach extends into Riverside County thanks to a satellite practice in Murrieta that includes a wide range of specialties, including allergy, cardiology, dermatology, neurology, pediatric surgery, urology and more. Our neonatal intensive care unit (NICU) at Rancho Springs Medical Center provides care to the most vulnerable of newborns.



"For a community to be truly great, all people of all ages must have access to exceptional healthcare that is both compassionate and rooted in the most promising scientific advancements. At the Ellen Browning Scripps Foundation, our mission and vision are guided by our namesake's belief that 'the most important and beautiful gift one human being can give to another is, in some way, to make life a little better to live.' We are proud to be a longtime partner of Rady Children's, an organization that makes many people's lives better to live every day."

E. DOUGLAS DAWSON EXECUTIVE DIRECTOR, ELLEN BROWNING SCRIPPS FOUNDATION

## When you look to the future, what do you see?

We see continued advances in pediatric medicine. We see a focus on areas that are in greatest need of support and that will make a significant impact on the future of our community and beyond, such as:

- Mental and Behavioral Health: providing a clear pathway to treatment while caring for the whole child, taking into account physical, mental and social well-being as well as optimal function.
- Rady Pediatric Genomics and Systems Medicine Institute: changing the fundamental way patients are cared for in San Diego and around the world.
- **Neuroscience:** aligning clinical practice and research by uniting experts and offering pioneering new therapies for neurological diseases where none currently exist.

# Our vision for the future of Rady Children's is a nexus of best clinical outcomes and research.

If 2015 is any indication of what's to come, the extraordinary investments made in Rady Children's can only lead to major advancements in highly specialized areas as well as areas of common concern.

We will focus on treating the whole child, improving overall wellness, and understanding the unique and individual biological needs of each and every child entrusted to our care. This is how Rady Children's will contribute to a brighter tomorrow for future generations. This is our vision. We have already achieved so much and there is so much more to come.

Rady Children's is poised to take the next steps—to achieve breakthroughs never before possible in pediatric medicine. We are positioned at the forefront of discovery. We envision a healthy future for our children—a world in which the mysteries of medicine are uncovered and where disease becomes a thing of the past.

## That's what we see.

So we ask you again: When you look to the future, what do you see?

And how are you going to turn that vision into impact?

