



Innovative Research Inspiring Hope

A campaign for Sansum Diabetes Research Institute

Message from the Campaign Co-Chairs

Each of us has witnessed firsthand the impact of diabetes on loved ones, and, because of the work of SDRI in partnership with others, we have seen many achievements in the management of the disease.



A diagnosis of diabetes once meant a shortened life filled with disabling and ultimately fatal complications. But the outlook is brightening. For nearly a century, SDRI has been at the forefront of researching and developing effective therapeutics to monitor and control diabetes, significantly improving and lengthening the lives of people living with diabetes in the U.S. and abroad. However, living with any form of this metabolic disease remains a challenge—one that SDRI intends to meet by continuing our legacy of rigorous and complex multi-organ system research.

SDRI is at a crossroads: the future of diabetes research—both to prevent and to treat the disease—requires the recruitment of world-class clinical investigators; that recruitment depends on the creation of a state-of-the-

art clinical research facility. To accomplish these objectives, SDRI is embarking on a comprehensive campaign to ensure the future of cutting-edge research.

With your philanthropic investment, we can discover solutions to the numerous challenges continuing to confront individuals at risk of or living with diabetes.

We are honored to serve as co-chairs of Sansum Diabetes Research Institute's campaign: **Innovative Research Inspiring Hope**, building and expanding on our rich history of transforming the way people live with diabetes. We hope you will join us on this journey to take diabetes prevention and treatment to the next level.

Together we will make a difference.



Michael Paskin

Michael Paskin



Deborah David, Esq.

Deborah A. David



Alex DePaoli, MD

Alex DePaoli

The Challenge

Diabetes is a major public health problem in the U.S., particularly in underserved populations. People with diabetes are at high risk for serious medical complications including coronary heart disease, blindness, chronic kidney disease, chronic liver disease, and vascular disease requiring limb amputation.



1 in 10 Americans has diabetes, more than 37 million people



Abnormal glucose levels damage blood vessels, which increases risk of stroke, heart attack, kidney disease, blindness, and nerve pain.



More than 1 in 3 people have prediabetes (abnormal blood glucose levels and high risk of developing type 2 diabetes).

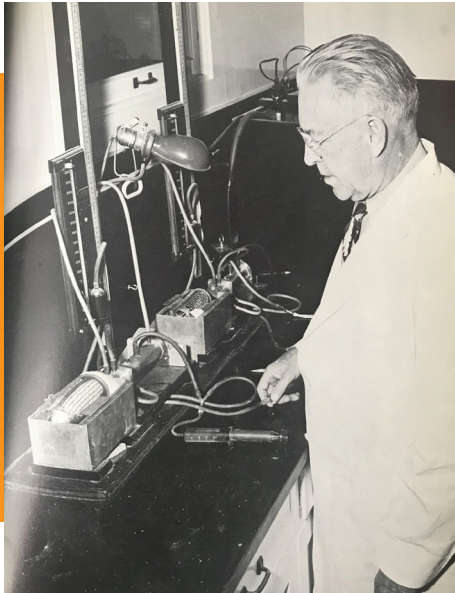


25% of all US healthcare dollars are spent on caring for people with diabetes (more than cancer or heart disease).

We have made great advances on numerous fronts, but **much work remains.**

Founded on a Promise to Save the Lives of Those With Diabetes

SDRI's founder, Dr. William Sansum, was, in the early 20th Century, an American physician and pioneer in the field of diabetes research.



Dr. Sansum was the first physician in the United States to successfully manufacture and administer insulin to patients with diabetes, helping to revolutionize the treatment of the disease. Dr. Sansum dedicated his life to ensuring access to insulin for every patient who needed it.

SDRI's researchers are committed to **advancing the field of diabetes research, education, and clinical care** to improve the lives of patients around the world. SDRI has made significant contributions to diabetes treatment.

- **Dr. Lois Jovanovic led global research** that now enables pregnant women with diabetes to have healthy pregnancies and children.
- SDRI investigators were instrumental in the **development of the artificial pancreas system**, dramatically transforming diabetes management for people living with this disease.
- SDRI is taking a leading role in addressing **health disparities for underserved populations affected by diabetes**.



SDRI is committed to driving innovative research endeavors that will transform the lives of the millions of people worldwide who are affected by diabetes.

The Future

SDRI's future will focus on expanding our current research programs and establishing new research directions that will provide a better understanding of how to best prevent and treat diabetes.



Dr. Samuel Klein
Chief Scientific Officer

SDRI is embarking on an aggressive program of sophisticated clinical research that requires an appropriate and modern research unit. However, SDRI's clinical research facilities have not been modified since 1975. Updating our research facilities is critical for conducting leading edge clinical research and is necessary to recruit top-tier clinical investigators. We have developed the architectural plans to establish a state-of-the-art clinical research unit and look forward to being able to proceed with construction.

SDRI's future research will explore an exciting new frontier: **beyond insulin**. Aimed at reducing insulin dependence, SDRI is uniquely positioned to become a world leader in the new science of **Precision Metabolism** related to all types of diabetes.

Samuel Klein, MD, SDRI's Chief Scientific Officer, leads us in this endeavor. Dr. Klein is internationally respected for his clinical research in metabolic diseases. Dr. Klein has consistently received research funding from the National Institutes of Health for 30 years, published over 475 peer-reviewed papers, and received many national and international awards recognizing his research.

"SDRI is a unique research organization that is nimble and creative and can move quickly to become a leader in the field of

metabolic research, part of the cutting-edge research in **Precision Metabolism**," says Dr. Klein. "This area of research aims to create new therapeutic strategies for people with diabetes and those at risk for developing diabetes and metabolic diseases."

While major academic centers conduct research in cell cultures or mice, precision metabolic research requires sophisticated, leading-edge studies in people—something SDRI is uniquely equipped to do and academic centers are not. In order to successfully conduct this sophisticated clinical research, **we need to invest in our infrastructure and research team**. These investments are aimed at developing a programmatic critical mass to conduct the highest quality research leading to a self sustaining organization.





SDRI 's Plans Are **Ambitious**

We will:



Expand our successful research programs in diabetes in all types of diabetes.



Establish a new initiative in comprehensive organ systems biology research and become a major hub for this research in California and the US.

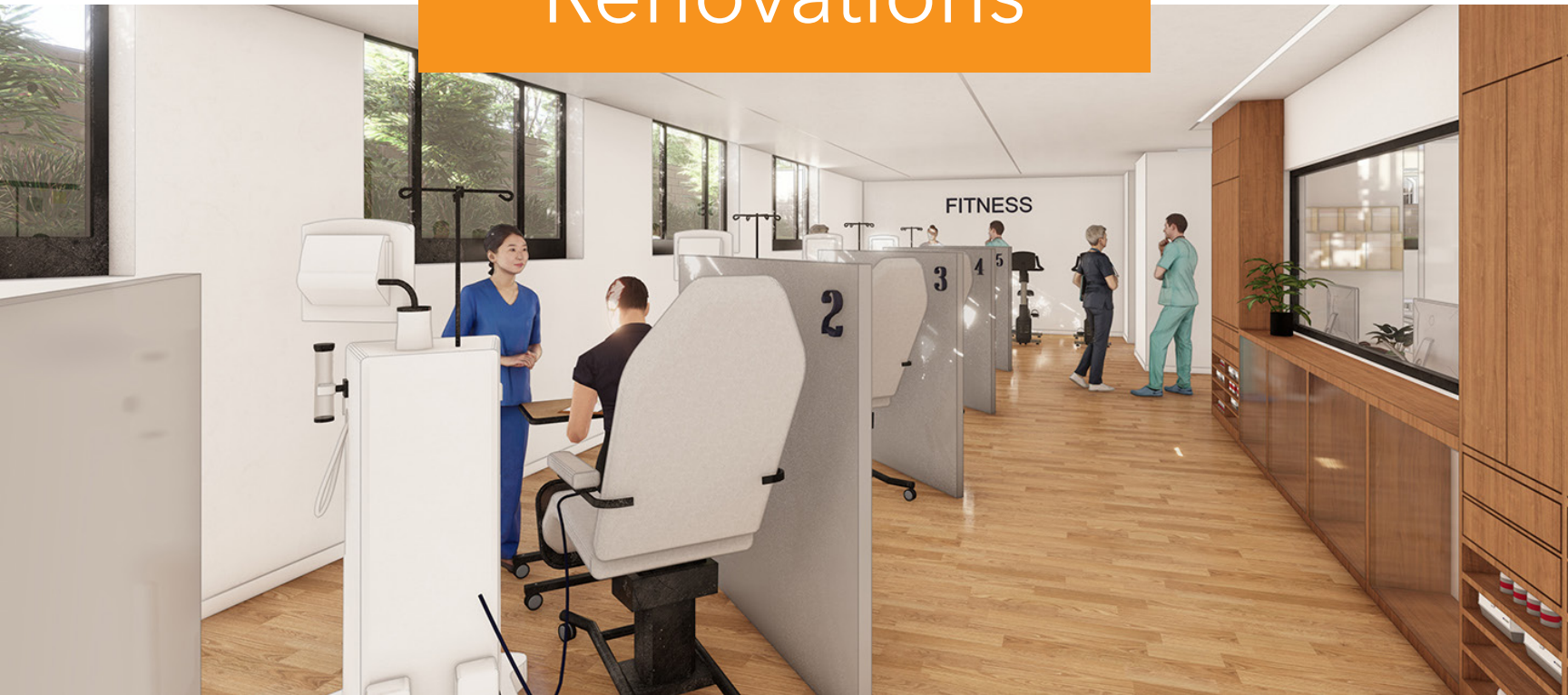


Conduct groundbreaking studies directed at developing effective nutritional and metabolic therapies to treat those with type 1 and type 2 diabetes, including the culturally-tailored approaches needed for underserved, minority populations.

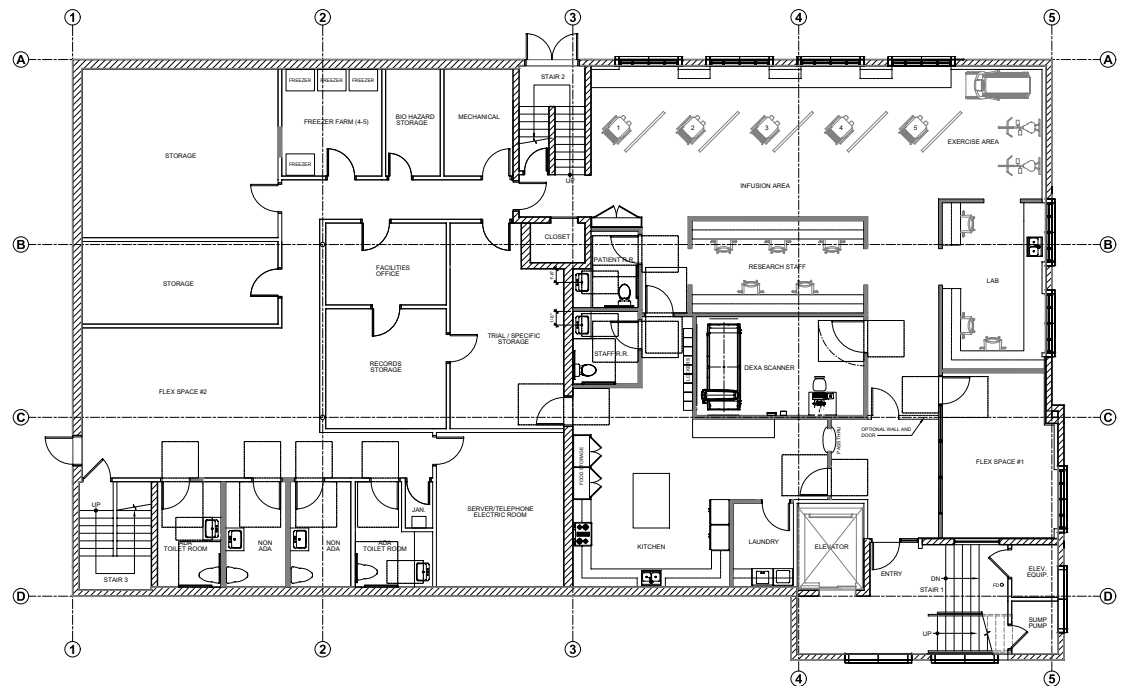


Train the next generation of clinical investigators who will become the future leaders in diabetes research.

Renovations



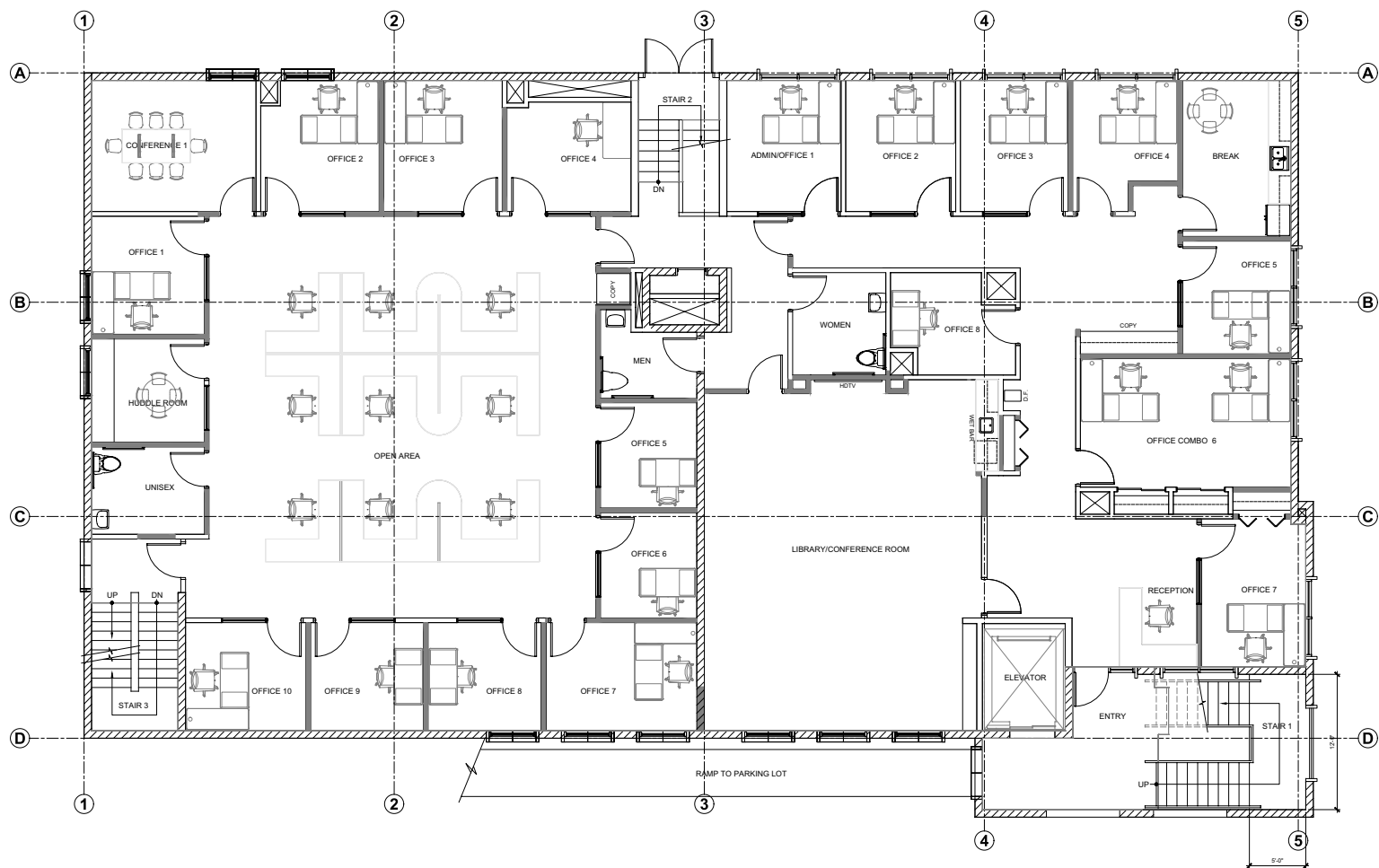
First Floor Plan



Dr. Kristin Castorino
Senior Research Physician

Investing in a new state-of-the-art facility for SDRI is an investment in the health and well-being of millions, paving the way for transformative advancements in diabetes research and clinical care.

Second Floor Plan

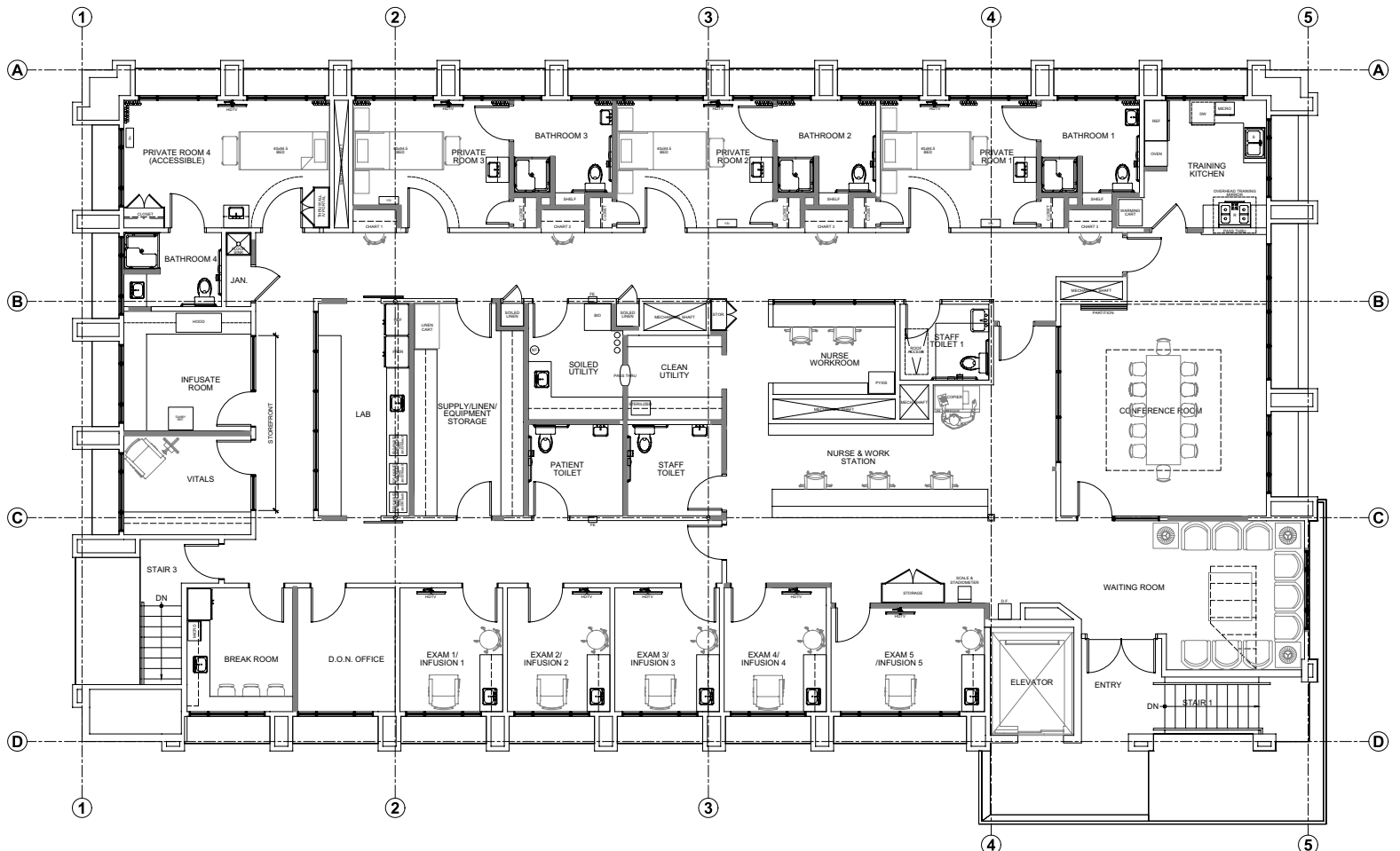




Halle Wray

I have lived with type 1 diabetes since the age of seven, so my path to motherhood came with unique challenges. Thankfully, I found unwavering support and care at SDRI, all thanks to the incredible guidance of Dr. Kristin Castorino.

Third Floor Plan



Deborah David, Esq. Campaign Co-Chair



As the daughter and wife of individuals who have lived with type 1 diabetes, I know rather more about the disease than I would have liked. Although one who lives with type 1 diabetes who receives regular treatment often appears normal most of the time, it is a very difficult disease to manage, and periods of out-of-control blood sugars are inevitable, scary and ultimately very dangerous. Norman's and my lives changed dramatically and for the better when we moved to Santa Barbara and became associated with SDRI. Because of their artificial pancreas trials and their incredible care managing low blood sugars, I have not had to call an ambulance in nearly four years.



Advocacy and Support

While medical treatments focus on improving blood glucose levels, it is important to recognize the adverse effects of diabetes on mental health and quality of life in people with diabetes and their families. At SDRI, we provide emotional, psychological, and educational support to people with diabetes, and are evaluating new approaches to effectively provide this support.

SDRI is dedicated to empowering individuals with diabetes and their support networks to lead healthier and happier lives.



Wendy Marin

Our family will forever be grateful to all of the staff at SDRI for the care, support, and dedication you've shown us. It's the personal touch and genuine concern that makes our journey with SDRI so special. SDRI has not only positively impacted Caleb's life but has also provided our family with experiences that we'll cherish forever.



“ Kayla Cuico

I was devastated to learn I had gestational diabetes. However, with the care I received at SDRI, I was able to achieve my dream of becoming a mother. I will be forever grateful to Dr. Jovanovic for her work in pioneering protocols for women living with diabetes during pregnancy.





Community Health Worker Betty Angeles



I have the opportunity to change lives. It's been the highlight of my career to explain that small steps in living a healthy life can make a huge impact.

Betty developed gestational diabetes mellitus (GDM) 29 years ago while she was pregnant with her oldest daughter. Shortly after delivering, Betty was diagnosed with type 2 diabetes.

Unfortunately, at the time, Betty did not have adequate education about diabetes to understand that as a result of having GDM she was at a greater risk for developing type 2 diabetes postpartum.

After living with diabetes for 15 years, Betty discovered SDRI and had the opportunity to participate in a diabetes self-management education program which changed her life.

Throughout the program, Betty learned vital information about managing her diabetes, eating more nutritiously, engaging in physical activity, checking blood glucose levels, as well as coping skills for managing the emotional impact of living with this disease.

The success Betty experienced after participating in SDRI's education program inspired Betty to take her journey with diabetes even further. In 2013, Betty became a certified Community Health Worker (CHW) which gave her the opportunity to give back to her community.

As a CHW, Betty has helped hundreds of people experiencing diabetes improve their lives. One of Betty's favorite roles as a CHW is to organize community clinics that provide diabetes screenings at no cost at locations around the city.

"When I shared the outcome of participants A1c results they were surprised by the numbers, and I advised them to immediately consult their primary care physician for follow up care," said Betty. "I reassured participants that if they took care of their bodies and ate more nutritiously, this would improve their health outcomes."



SDRI Needs Your **Partnership**

Leading-edge clinical research is expensive. Accomplishing our ambitious vision will require a significant investment that is only possible through a generous infusion of philanthropic support to:

- Expand our research capacity and technical expertise by recruiting the next generation of outstanding physician-scientists to conduct sophisticated clinical studies
- Provide seed funding for new research initiatives
- Construct a state-of-the-art clinical research unit within our current building



Elizabeth Romero

Participating in research trials at SDRI has been a life-changing experience for me. It feels like I am contributing to something much bigger than myself. Not only am I provided with access to cutting-edge treatments and care for diabetes, I also gain a sense of hope and empowerment.

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