



# SDRI CELEBRATES 100 YEARS OF INSULIN AT THE GRATITUDE GALA

SDRI Raised over \$700,000 for Diabetes Research

Sansum Diabetes Research Institute (SDRI) is immensely grateful to **The Paskin Family Foundation** for their generosity in underwriting the 2022 **Gratitude Gala**.

The Gala raised over \$700,000 with 100% of the proceeds being allocated to furthering SDRI's mission of providing research, education, and clinical care to improve the lives of people impacted by diabetes.

Over 400 people gathered at the Hilton Beachfront Resort in Santa Barbara on September 10th to celebrate 100 years of insulin at the Gratitude Gala, presented by The Paskin Family Foundation to benefit SDRI.



"As a member of The Paskin Family Foundation, we are thrilled to underwrite this evening," Michael Paskin said. "We believe in purposeful giving to organizations that align with our foundation's core values, which are community, education, stewardship, integrity, and curiosity. SDRI delivers on all of those. They provide research, education, and clinical care for those impacted by diabetes. Our foundation is proud to support an organization that aims to provide resources, regardless of age, race, gender, or socioeconomic class."



"The incredible life changing work that Dr. Sansum did right here in Santa Barbara, continues with brilliant and passionate people at SDRI. It inspires me every day that I contribute as a board member. I am proud to serve on the board, and I am grateful that SDRI has a profoundly positive impact on people worldwide," added Michael.

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## **GRATITUDE GALA**

The Gratitude Gala commemorated Dr. William Sansum's extraordinary work in diabetes research. Dr. Sansum, SDRI's founder and renowned diabetes specialist, was the first U.S. physician to manufacture and administer insulin, saving millions of lives. Prior to his work, type 1 diabetes was a death sentence. Dr. Sansum's extraordinary accomplishment profoundly changed the landscape for people living with diabetes.

The inspirational evening also showcased the major advancements SDRI has accomplished. An established world leader in diabetes research, SDRI is known for its groundbreaking work in artificial pancreas technology and diabetes in pregnancy.

The Gala celebration included an oceanview cocktail reception, dinner, live auction, live music, and dancing. Gala musical performers included the Jackson Gillies Trio, Jineanne Coderre, and Downbeat LA.



The evening was filled with appreciation for the innovations in diabetes research that began with Dr. William Sansum 100 years ago. The attendees heard from many prominent adults living with diabetes, including 10-time Olympic Gold Medalist swimmer, Gary Hall Jr., and Emmy-award winning actress, Jean Smart.

"I have lived with type 1 diabetes since I was 13 years old," said Jean. "I literally owe my life to Dr. Sansum and his work. Without Sansum Diabetes Research Institute, I would not have met Dr. Lois Jovanovic, who literally held my hand throughout my first pregnancy. My debt of gratitude knows no bounds."

The emcee for the evening, Andrew Firestone, also shared a personal connection to SDRI before beginning the live auction portion of the evening.

"Our town of Santa Barbara has done some amazing things in diabetes research and advancing

treatments for not only people in our community, but all over the world," said Andrew. "It started with Dr. Sansum, and the incredible work that he did, but SDRI has continued to thrive in medical innovation. Dr. Lois Jovanovic, another legend of diabetes research at SDRI, helped my wife, Ivana, when she was diagnosed with gestational diabetes. Dr. Jovanovic gave my wife and I the family we had always dreamed of, and I am so grateful to SDRI for the work that is done there."



Today, over 37 million Americans live with diabetes and the important work in diabetes research continues. Dr. Sansum left behind a tremendous legacy, and his enormous contributions to diabetes research, education, and care will have an everlasting impact. Dr. Sansum has paved the way for current and future SDRI researchers to continue their significant and lifesaving work. SDRI is determined to be a critical beacon of hope to those living with diabetes.

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### GRATITUDE

CELEBRATING





Board Trustee and Gala Committee member **Joan Arnold**, and Chuck Beattie



SDRI Executive Director, Ellen Goodstein



Board Trustee **Norman Kurland**, and Gala Committee member **Deborah David** 



Event Chair and Board Trustee, Wendy Thies Sell

## DR. SANSUM MADE HISTORY ON MAY 31, 1922 SAVING MILLIONS OF LIVES!

May 31, 1922, marked a monumental day in diabetes history, Dr. William Sansum became the first U.S. physician to manufacture and administer insulin in the treatment of diabetes.

The story begins in 1920 when Charles Cowan, a 53-year-old farmer battling type 1 diabetes, was sent to Santa Barbara in a last-ditch effort to save his life. At this time, diabetes was considered a death sentence and Cowan's doctors had given up hope of saving his life.

In September 1920, Dr. Sansum received a letter that would forever change his life. The letter contained a proposal for Dr. Sansum to become the Director of the Potter Metabolic Clinic. He accepted the position and moved his wife and 6-year-old son to Santa Barbara. At the exact hour that the Sansum family arrived in Santa Barbara. Cowan

was being admitted to the clinic for diabetic acidosis. Little did they both know, history would be made, and millions of lives would be saved.

Dr. Sansum worked tirelessly on developing the hormone made by pancreatic secretions that he found to be missing in those living with type 1 diabetes. The Canadian team, led by Dr. Frederick Banting and Charles Best, were also currently working on pancreatic extractions, and Dr. Sansum began communicating with them and their team at the University of Toronto. In early 1922, Dr. Sansum's important work was in its most critical stage of research, he was experimenting with manufacturing insulin. By spring, Dr. Sansum and his associates were anxious to make history with their first potent batch of insulin to be administered to a human.

On May 31, 1922, Dr. Sansum was ready to administer the first dose of insulin that he manufactured in his laboratory. Cowan was selected as the recipient of



Dr. Sansum's first insulin dose, and it proved to be successful. The insulin swiftly saved Cowan's life and made history for all people living with diabetes.

"The third day after I received my first insulin shot," said Cowan. "Dr. Sansum came racing down the hall to my room, forgetting his professional dignity in the excitement of bringing me a test tube that was blue - meaning I was sugar free! Of course, I didn't realize it at the time, but I was on the road to a complete recovery. Other diabetics in the wing shrieked with joy, realizing their own sentences of an early death had been reprieved." (Continuing Quest: Dr. William David Sansum's Crusade against Diabetes by Walker A. Tompkins)

SDRI commemorated the 100-year anniversary of Dr. Sansum's first injection of insulin on site with staff and board members on May 31, 2022. KEYT had live coverage of the event, and attendees heard from Executive Director, Ellen Goodstein, and Board Trustee, George Burtness. Mr. Burtness' father, Hildahl Burtness, became president of SDRI after Dr. Sansum passed away.



Dr. Sansum worked tirelessly to manufacture insulin for his patients and founded Sansum Diabetes Research Institute in 1944 to further his groundbreaking work in diabetes. Today, SDRI continues to carry on Dr. Sansum's legacy in diabetes research.

## **SDRI AROUND THE WORLD**

SDRI participated in the two most prestigious global meetings, the 82<sup>nd</sup> American Diabetes Association (ADA) Scientific Sessions and the International Conference on Advanced Technologies and Treatments for Diabetes (ATTD) in 2022.

The 82<sup>nd</sup> ADA Scientific Sessions were held on June 3-7 in New Orleans, Louisiana. The ADA's Scientific Sessions are the world's premiere meeting in diabetes, with nearly 900 live presentations, more than 1,200 published posters, and over 80 exhibitors. This year, SDRI was proud to feature a total of four posters, five abstracts, and one presentation accepted to the Scientific Sessions.

ATTD was held on April 27-30 in Barcelona, Spain and for 15 years this meeting has stood at the forefront of diabetes innovation. ATTD is an important platform to present, review, and discuss the latest, remarkable developments of diabetes care and devices for medical professionals. At the meeting, Dr. David Kerr, Director of Research and Innovation at SDRI, led a presentation entitled "Metrics and connected solutions for diabetes care in a changing world". The 83rd ADA Scientific Sessions is scheduled for June 23-26, 2023, in San Diego, California, and ATTD will be held February 22-25, 2023, in Berlin, Germany.





# PLANT-FORWARD DIET THERAPY AND LATINO HEALTH

Latinos in the U.S. are disproportionately burdened by obesity and type 2 diabetes and the many serious medical complications associated with these diseases.

Diet-induced weight loss is the primary therapy for people with obesity and diabetes. However, effective dietary therapy is usually not available to socioeconomically disadvantaged populations, and compliance with dietary change is complex because of multiple barriers.

SDRI is conducting three randomized controlled trials to evaluate the therapeutic benefits, acceptability, and potential for i) dissemination of a culturally-tailored plant-forward diet, this would include an increase in the intake of vegetables, fruits, whole grains, and legumes; ii) a lifestyle therapy program that would include education and behavioral therapy to induce specific changes in dietary intake and physical activity; and

iii) delivered by a trained community health workers in areas in Santa Barbara that include socioeconomically disadvantaged Latinos. These studies will assess the clinical effectiveness and acceptability of this unique lifestyle therapy program in: i) Latino adults with obesity and prediabetes; ii) Latino adults with obesity and type 2 diabetes; and iii) pregnant Latina women with diabetes.

The lifestyle intervention curriculum for each of the three projects, available in both English and Spanish, has been developed by obesity and diabetes physicians, behavioral psychologists, and dietitians with expertise in this area.

## A STORY OF RESILIENCE AND RESEARCH

Christy shares her story of being diagnosed with type 1 diabetes, summiting Mt. Kilimanjaro, and finding SDRI.

Christy Madden had always been active. As a child she was a gymnast, she joined the diving team in high school, and at the age of 44 she ran her first marathon. When Christy turned 57,

she began to have excessive thirst and urination, but quickly dismissed them as the result of her training to

climb Mt. Kilimanjaro. She began to lose a lot of weight,

and she attributed it to her new medication for an underactive thyroid. Christy took annual wellness profiles at work, and this particular year it came back with a slightly elevated blood glucose level of 150. Since she had a 20-year history of normal blood sugars on this test, she discounted it to a bad test.

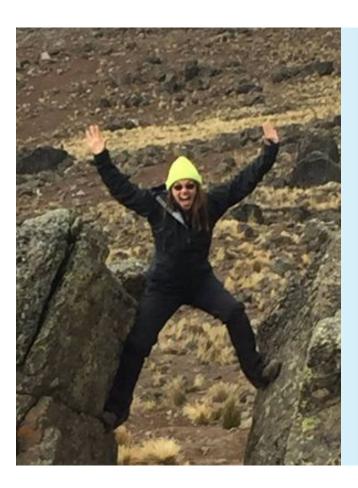
Following up with her primary care physician, Christy took another test with similar results, and was quickly diagnosed with type 2 diabetes. Christy was told to eat healthy and get plenty of exercise, which was perplexing as her diet was already extremely healthy being in training for her 10-day trek up Kilimanjaro.

After successfully summiting Kilimanjaro, Christy broke all the bones in her ankle on the last two miles of the trip. She recovered quickly, and 10 months later, ran a half marathon. One of the members of her local running group, Dr. Alex DePaoli, SDRI Board President and Endocrinologist, advised Christy to run additional tests with her doctor. Soon after the test results were received, Christy was given a new diagnosis of type 1 diabetes.

Christy's diagnosis of type 1 diabetes was difficult at first; she hardly knew what a carbohydrate was, and had no idea of how many factors, in addition to carbohydrates, impacted blood sugar. Christy was grateful for the many resources from SDRI and the network of passionate individuals within the diabetes community she met after her diagnosis.

Christy soon connected with SDRI and participated in a clinical research trial at SDRI for a closed-loop insulin delivery system, one she still uses today. Christy is thankful for the clinical trials conducted at SDRI, as she has the ability to test out new technology that gives her the flexibility to continue the day-to-day activities she loves most.

I have hypoglycemia unawareness, which means I can't tell if my blood sugar is dropping or is low, and the CGM technology is truly lifesaving because it alerts me when my blood sugar is dropping. I am so grateful for the researchers at SDRI and the ability to gain confidence in managing my diabetes."



Thanks to the advances made in type 1 diabetes technology, Christy can continue her dreams despite being diagnosed with diabetes. This November, Christy will be running her first marathon since her diagnosis of type 1 diabetes in 2017. She is running the New York City Marathon to raise awareness for diabetes as a member of Beyond Type 1's marathon team.

## MAKING AN IMPACT IN THE COMMUNITY

To address the disproportionate burden of diabetes in the Latino community, SDRI launched its first series of post-pandemic mobile clinics for A1C testing and diabetes risk assessments. The walk-in clinic offered free blood pressure testing, a prediabetes risk test, and for qualified candidates an A1C test to those at high risk for prediabetes or diagnosed type 2 diabetes.

SDRI's vision is to reduce the number of people disproportionately impacted by diabetes and other health disparities within the Latino community. The aim is to build trust, lower barriers for access to care, and improve self-efficacy by offering free A1C screening to adults living with or developing diabetes. In addition, participants are gaining knowledge of their cardiometabolic risk. SDRI has been able to reach over



300 people this year through events at Los Amigos Barbershop, St. George Community Center, Pilgrim Terrace, and St. Vincent's Villa Caridad.

## 3RD ANNUAL TOWNHALL EVENT WITH ADA AND JDRF

SDRI partnered with the American Diabetes Association (ADA) and JDRF for our 3rd Annual Returning to School with Diabetes Virtual Townhall event on August 9, 2022. School can be an overwhelming time for students living with type 1 diabetes, as well as their parents, and caregivers. This townhall event included an expert panel who provided established resources and information to help ease concerns from the diabetes community.

This year our expert panel included: Dr. Francine Kaufman, Pediatric Endocrinologist and Chief Medical Officer at Senseonics Inc., Crystal Woodward, MPS, ADA Safe and School Campaign Director, Aaron Fischer, JD, Attorney and ADA Legal Advocacy Subcommittee Chair, Beth Braun, PhD, Health Psychologist, ADA Safe at School Advocate, and moderator Kara Hornbuckle, Director of Development at SDRI and T1D/T1D Parent.

## **HONORING JEANNINE GLOCKLER**

Long a fixture greeting every visitor, donor, and patient coming to SDRI, the always welcoming learning

welcoming Jeannine Glockler has retired from SDRI.

Jeannine started her career at SDRI in 1994 and was initially hired in the development department as a fundraiser. Later, she shifted roles and

served as the Executive Assistant and became the loyal right arm to Dr. Lois Jovanovic, SDRI's former Chief

Scientific Officer and Chief Executive Officer. For over 20 years Jeannine dedicated herself to supporting Dr. Jovanovic in every possible way.

"Working with Dr. Jovanovic was the highlight of my career," said Jeannine. "Lois was such an important person to the field of diabetes. After working with Lois for so many years, she became a close friend of mine. I cannot imagine what my life would look like if I had not met her. She is sorely missed."

SDRI's Board of Trustees and staff are extremely grateful to Jeannine for 28 incredible years of dedication, commitment, and hard work. Jeannine will always remain part of the SDRI family.

## LONG STANDING DONORS

## SDRI is grateful to our generous supporters who have enabled our research, education, and clinical care to continue both locally and globally.

Their continued dedication and commitment to SDRI has allowed our mission, vision, and values to impact millions of people living with diabetes.

SDRI would like to give special recognition to our donors who have supported SDRI for more than 20 years:

Dr. & Mrs. Alexander DePaoli

Mr. & Mrs. Timothy Casey

Ms. Jeannine Glockler

Dr. & Mrs. Lowell G. McLellan

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Additionally, SDRI would like to give special thanks to the following list of generous individuals who have supported SDRI for 10+ consecutive years:

Mr. & Mrs. Peter Adams

Dr. Herbert D. Bartelt & Ms. Mary Thomas

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# SUPPORT THE MISSION YOU CARE ABOUT BY LEAVING A LEGACY

If you are looking for a way to leave your own legacy, you can do so by leaving a gift to support our mission.

There are many benefits when you when you make a bequest or beneficiary designation gift to SDRI. Those footprints will stand as a reminder of an accomplishment for generations to come.

If you would like more information on how to make a bequest or charitable beneficiary designation, please call, e-mail, or visit our website.

We would be happy to help.

Teri Creath, Planned Giving Manager tcreath@sansum.org (805) 419-1338



# DONOR SPOTLIGHT: PIXAR ANIMATION STUDIOS

SDRI is proud to highlight Pixar Animation Studios for their generous support of the 2022 Gratitude Gala, celebrating 100 years of insulin.



Pixar's newest film, *Turning Red*, included two characters living with type 1 diabetes and was praised for its inclusivity of diabetes. Susan Fong, *Turning Red's* technical supervisor, was diagnosed with type 1 diabetes when she was 4 years old, and was the driving force behind Pixar's incorporation of diabetes in the film.

Having better representation of disabilities in the film industry has been a common theme in the past couple of years. Pixar has been a leader in the film industry, and often includes characters and situations that are a representation of the real world. Having the suggestion of an insulin pump and making type 1 diabetes visible in *Turning Red* was an important narrative to Fong.

"We are so grateful to Pixar for helping to make an incredibly challenging, yet invisible disease like diabetes, a little more visible," said Wendy Thies Sell, SDRI Board Trustee. "We could almost hear the cheering of children with type 1 diabetes when they saw those small, but immediately recognizable to us, devices in the film."

The groundbreaking research and education work of SDRI would not be possible without supporters like Pixar.



## SDRI WELCOMES BOARD TRUSTEES IN 2022

SDRI is honored to have 7 well respected members of the community join our Board Trustees:

Miguel Avila, Lindsey Duca, PsyD, Flint Ogle, Miguel Rodriguez, Wendy Thies Sell, Howard Silver, and Mark Simon.

## **SDRI IN THE NEWS**



Sansum Diabetes Research Institute commemorates 100 years since Dr. Sansum's first 100 years of insulin, first administered in Santa dose of insulin



Sansum Diabetes Research Institute celebrates



Sansum Diabetes Research Institute celebrates



Sansum Diabetes Institute Dr. Kristin Castorino



## The New York Times

How Covid and Diabetes Collide in a Public Health Train Wreck - The New York Times



Betty Angeles works at the Sansum institute in Santa Barbara, Calif., where she helps her Spanish-speaking clients navigate diabetes care. Daniel Dr.

# Independent

### Society Matters | Sansum **Diabetes Research Institute Shares New Initiative with Donors**

Precision Metabolism Looks at Effect of Diet on Complications from Diabetes



SDRI Celebrates 100 Years of Insulin at Gratitude Gala



SDRI Celebrates 100 Year Milestone of Life-Saving Insulin



### **Gratitude Gala; Celebrating 100** Years of Insulin

September Event to Commemorate Medical Milestone

By Sansum Diabetes Research Institute



**Sansum Diabetes Research Institute** 





POSTED ON JUNE 17, 2022 | 2:25 P.M.

Sansum Diabetes Research Institute's **Annual Report Offers Reason for Hope** 

SOURCE: KATIE HAQ FOR SANSUM DIABETES RESEARCH INSTITUTE

**Gratitude Gala Commemorates a Century** of Insulin

SOURCE: KATIE HAQ FOR SANSUM DIABETES RESEARCH INSTITUTE

Sansum Diabetes Research Institute Marks a Century of Lifesaving Insulin

SOURCE: KATIE HAQ FOR SANSUM DIABETES RESEARCH INSTITUTE

#### **Gratitude Gala Raises \$717,000 for Diabetes** Research

Event marks a century of healing work by Sansum Diabetes Research Institute



## SANTA BARBARA NEWS-PRESS



Effort to make life easier for diabetics

by Katherine Zehnder | March 1, 2022



SANSUM DIABETES RESEARCH INSTITUTE CELEBRATES 100 YEARS OF LIFE SAVING INSULIN



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## **BEYOND TYPE 1**



GOING BACK TO SCHOOL WITH DIABETES: ADVICE FROM **COMMUNITY EXPERTS** 

## Santa Ynez Valley Star



Photo contributed Dr. William Sansum, seco renowned diabetes specialist and Sansum Diabetes Research Institute's founder, is pictured with his first patients.



2219 Bath Street, Santa Barbara, CA 93105

A Global Leader in Diabetes Research, Education, and Care.

MESSAGE FROM THE **EXECUTIVE DIRECTOR** 

As I look back at Dr. William Sansum's lifesaving work in insulin 100 years ago, I am filled with gratitude. Gratitude for the courage and dedication Dr. Sansum committed to diabetes research, gratitude for the legacy that SDRI has been able to continue since our founding in 1944, and gratitude for our supporters who have made our work possible.

In this edition of the Quest, you will read about SDRI's Gratitude Gala, and the historic milestone celebration of the first injection of insulin manufactured and administered right here in Santa Barbara on May 31, 1922. I am proud of the important work that continues at SDRI day after day improving the quality of life for people with all types of diabetes.

This Quest showcases our work in diabetes research both globally and locally, including presentations in Barcelona at the International Conference on Advanced Technologies and Treatments for Diabetes conference, as well as SDRI's strong presence at the 82nd American Diabetes Association Scientific Sessions this past June. We continue to target those disproportionately impacted by diabetes and remain dedicated to the diabetes community through our research, education, and care.

While we continue the important work started 100 years ago by our founder, Dr. Sansum, we are filled with gratitude to our donors for their generous and continued support.

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