



# Indiana District of Kiwanis Campaign: Path to a Cure

The Indiana District of Kiwanis and Riley Hospital for Children have been improving children's lives together for more than 80 years. The partnership began in the early 1920s when Indiana Kiwanis clubs raised \$150,000 to help build the original hospital.

In the decades that followed, the Indiana District has conducted numerous successful campaigns to raise funds for such projects as a helipad, pediatric trauma center, mobile intensive care unit, renovations in the surgical units and, most recently, \$1 million for the Simon Family Tower.

Continuing in its tradition of leadership, Indiana District of Kiwanis has launched a campaign to raise \$1 million for Pediatric Diabetes Research at Riley Hospital for Children/Wells Center for Pediatric Research. The campaign is scheduled to conclude September 30, 2013. All district fundraising efforts will be targeted to this effort: the Path to a Cure for Type 1 diabetes.



Raghu Mirmira, Ph.D., M.D.

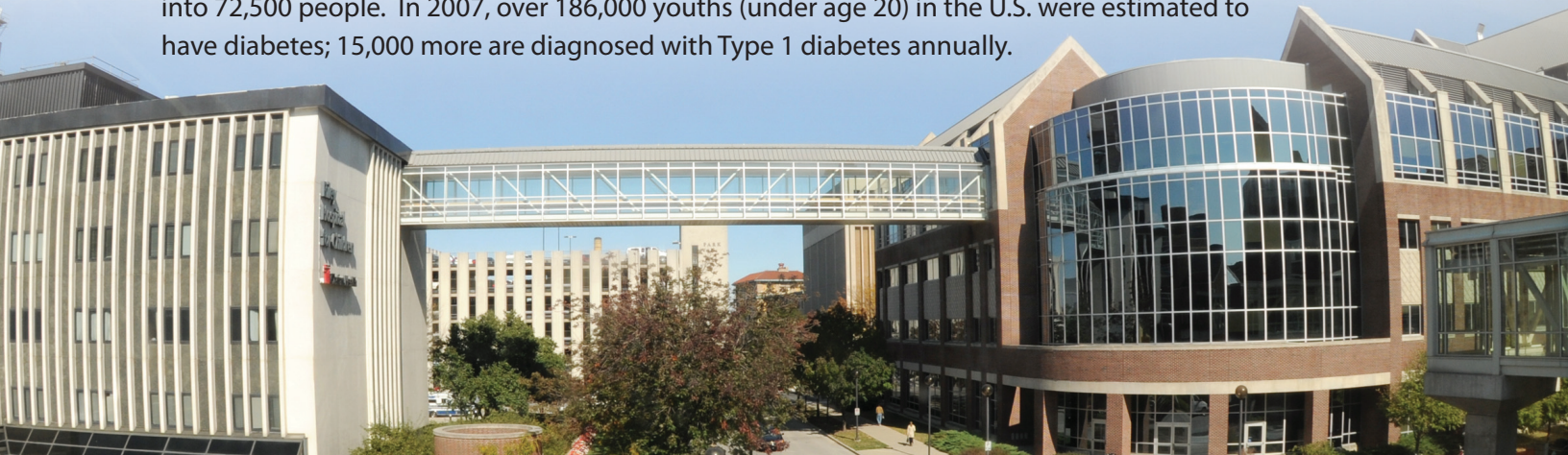
## What is Type 1 diabetes?

Type 1 diabetes, sometimes known as juvenile-onset diabetes, develops when the body's immune system destroys pancreatic beta cells, the only cells that make the hormone insulin. Insulin usually move the glucose contained in food into cells throughout the body, which use it for energy. Without beta cells no insulin is produced and the glucose stays in the blood, where it can cause serious damage to all the organ systems of the body. For this reason, people with Type 1 diabetes must take insulin in order to stay alive.

## Why has Kiwanis decided to support Type 1 diabetes research?

Type 1 diabetes is one of the most costly, chronic childhood diseases. Insulin helps patients manage the disease, but it does not cure it. Diabetes needs constant attention and can shorten the average life span by as much as 15 years.

Diabetes was the 7th leading cause of death on U.S. death certificates in 2007: that translates into 72,500 people. In 2007, over 186,000 youths (under age 20) in the U.S. were estimated to have diabetes; 15,000 more are diagnosed with Type 1 diabetes annually.



## What is happening in the Riley Hospital for Children/Wells Center Pediatrics Diabetes (Hates) Research Program?



Led by Eli Lilly & Co. Chair in Pediatric Diabetes and Director Raghu Mirmira, Ph.D., M.D., the vision for the group is to cure pediatric diabetes through the study of molecular mechanisms that underlie its causes. Dr. Mirmira brought his laboratory from the University of Virginia to the Wells Center in 2008. Since that time he has recruited five additional principal investigators.

Dr. Mirmira and his colleagues have gained extensive recognition for their groundbreaking research. Their team, which is seeking more effective therapies and an eventual cure for Type I diabetes, focuses on the following: 1. Beta cell function, development and regeneration; 2. Metabolic control; 3. Immunoregulation; 4. End organ complications; 5. disease prevention.

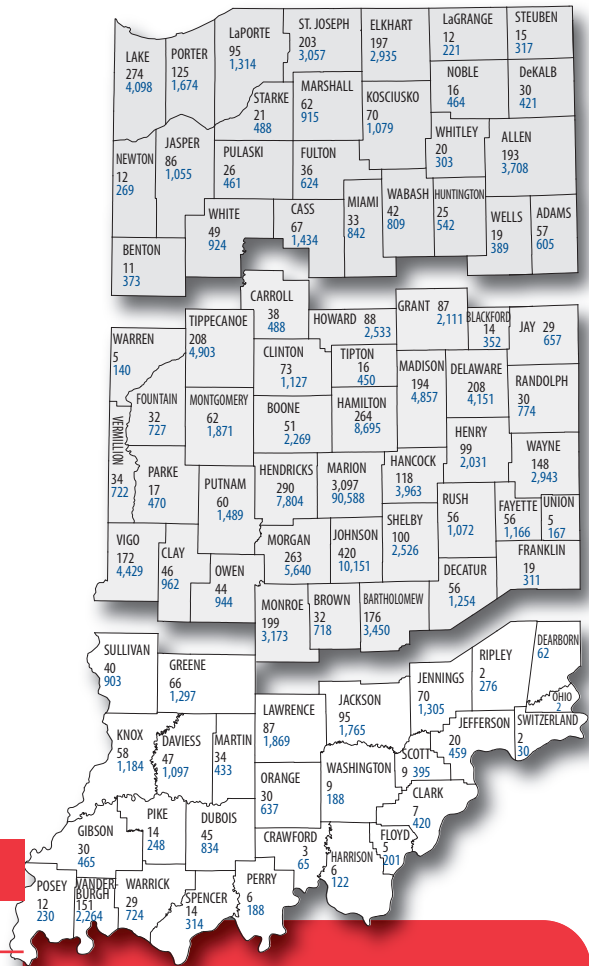
## How will the Kiwanis gift of \$1 million impact pediatric diabetes research at Riley Hospital and the Wells Center?

The Kiwanis gift will impact many aspects of the diabetes research program. It will help in the recruitment of additional physician scientists, which is crucial to the progress of the research. The funds will also support the work through the purchase of equipment and other resources.

The leadership in supporting research demonstrated by Indiana Kiwanians will also serve as a beacon to other donors, associations, businesses and foundations about the importance of supporting pediatric research.

## How can my Kiwanis Club make a difference?

The Indiana District of Kiwanis is asking all clubs to hold at least one fundraiser for Riley a year. A power point presentation explaining the campaign as well as other materials are available for your use. Speakers from Riley Hospital and the Wells Center can also be scheduled to speak at division meetings.



### RILEY HOSPITAL FOR CHILDREN

#### Admissions and Observation Visits 2009

Admission and Observation Cases: **9,892**  
 Outpatient Visits: **236,292**

How many times families turned to Riley and found hope and healing: **246,184**

#### MAP KEY

COUNTY NAME  
 Admissions and Observation Cases  
 Outpatients Visits