

## American Diabetes Association Research Programs

*The American Diabetes Association has supported diabetes research in the academic community for more than 60 years, significantly contributing to advances in diabetes care and reductions in diabetes complications allowing people with diabetes to live longer, healthier lives.*

Since the Association launched its Research Programs in 1952, it has invested more than **\$700 million** in nearly **4,500 diabetes research projects**.

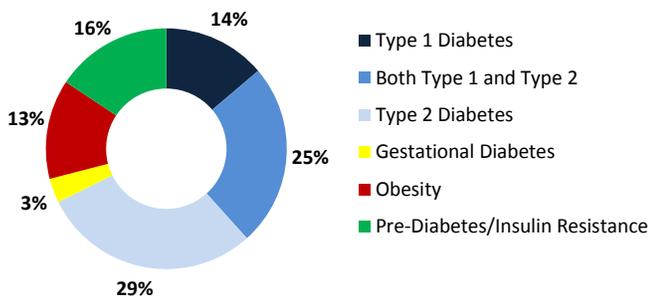
In 2014 alone, the American Diabetes Association Research Programs made nearly **\$30 million** available for research. These funds supported **376 new and continuing research projects** performed by 364 investigators at 143 leading academic research institutions across the U.S.

*The Association's primary research objectives are to expand the field of diabetes research and to accelerate progress toward improved treatments and cures through:*

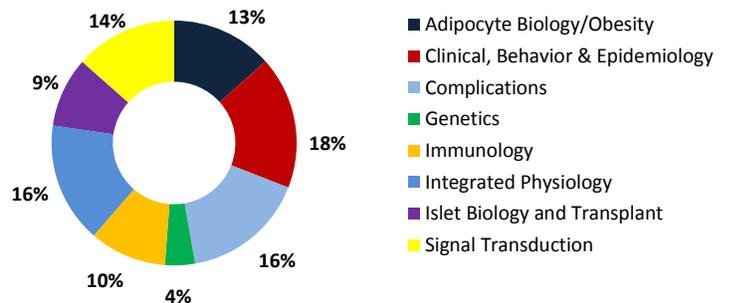
- Funding the **highest-quality diabetes research**. Investigator-driven submissions identify emerging and rapidly-advancing areas of science, and our independent peer-review process, performed by leading diabetes scientists, ensures grant support of the best research.
- Recruiting new investigators to diabetes research, building a vibrant pipeline of scientists. A remarkable **98% of Association-funded investigators remain dedicated to diabetes research**, and **87% of Career Development investigators receive subsequent funding from the National Institutes of Health to establish their careers**, accomplishments which highlight our success in this area.
- Supporting **innovative and promising research** with the potential to yield dramatic improvements for people with diabetes. The Association encourages cutting edge research by offering specific grant opportunities for high-risk/high-impact projects, and in critical targeted areas of investigation.

*The Association funds the broad spectrum of diabetes research, including all types of diabetes and diabetes-related disease states, and all research topics relevant to diabetes*

**Funding by Diabetes Type**  
(Percent of Dollars Distributed in 2014)



**Funding by Research Focus**  
(Percent of Dollars Distributed in 2014)



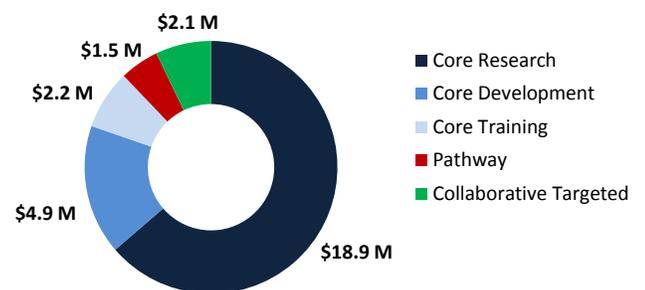
The American Diabetes Association provides research support through four major categories of funding:

- **Core Program** (Investigator-initiated awards for research, career development and training)
- **Pathway to Stop Diabetes** (By nomination only, to fund a new generation of brilliant scientists focused on diabetes)
- **Collaborative Targeted Research** (Research in specific topic areas where a need is identified)
- **Research Co-Support** (Support for federal/collaborative studies and initiatives)

Association-supported researchers made significant progress in understanding how diabetes develops and progresses, and in identifying new ways to potentially combat the disease. Notable advances include:

- Studies uncovering surprising connections between the **gut microbiome** and metabolism
- Development and testing of new devices that integrate glycemic control with hypoglycemia prevention for **artificial pancreas** technologies
- Studies uncovering the conditions and mechanisms from the **maternal environment** that confer risk for diabetes and obesity to the offspring.

**Funding by Grant Type  
(Dollars Distributed in 2014)**



### **Association funding is expanding the field of diabetes research**

Association-funded researchers expand our knowledge and understanding of diabetes. Publications are the primary currency of research progress; they communicate new and important findings to other scientists so the field can continue to build upon them and grow. The average Association award results in approximately **six publications**. This progress drives new advances in prevention and treatment, and accelerates the field toward cures for diabetes.



Investigators also expand the field by leveraging their Association support into significant additional grant funding. A cohort of investigators that received an initial \$56M in Association support subsequently **obtained 7.5 times that amount in additional funding** to continue their diabetes research projects, advance their findings, and support and mentor new scientists in the field—all within 5 years of initial funding. Association research support provided the seed that allowed these investigators to successfully cultivate their research efforts.

Research advances are the only way that diabetes can ultimately be overcome. In partnership with the scientists we support, the American Diabetes Association is striving to advance our shared mission to prevent and cure diabetes and improve the lives of all people affected by diabetes.