

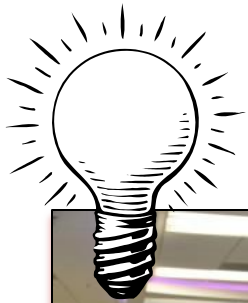
The Impact of Research Funding

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Research: From Ideas to Evidence



Barriers to diabetes care

Self-care management

Clinical inertia

Medication adherence



Nurturing a Research Idea

Philanthropy:
Private donor

Pharma
Community
Education
Programs



District of
Columbia
Dept of
Health

American
Diabetes
Association



American Diabetes Association: Strategic Objectives for Research

Expand the field of diabetes research to accelerate progress toward a cure and improved treatments

By the end of 2015:

- **Increased number** of career development award recipients who receive **subsequent federal funding** in the field of diabetes research
- **Increased federal funding** for diabetes research
- **Increased ADA funding** for diabetes research



Research Productivity

6

- **Publications per award:**
Average - all award recipients

12

- **Publications per award:**
Average - career development

17%

- **Received Patents**



Expanding the Field of Diabetes Research

\$421 million
subsequent research funding

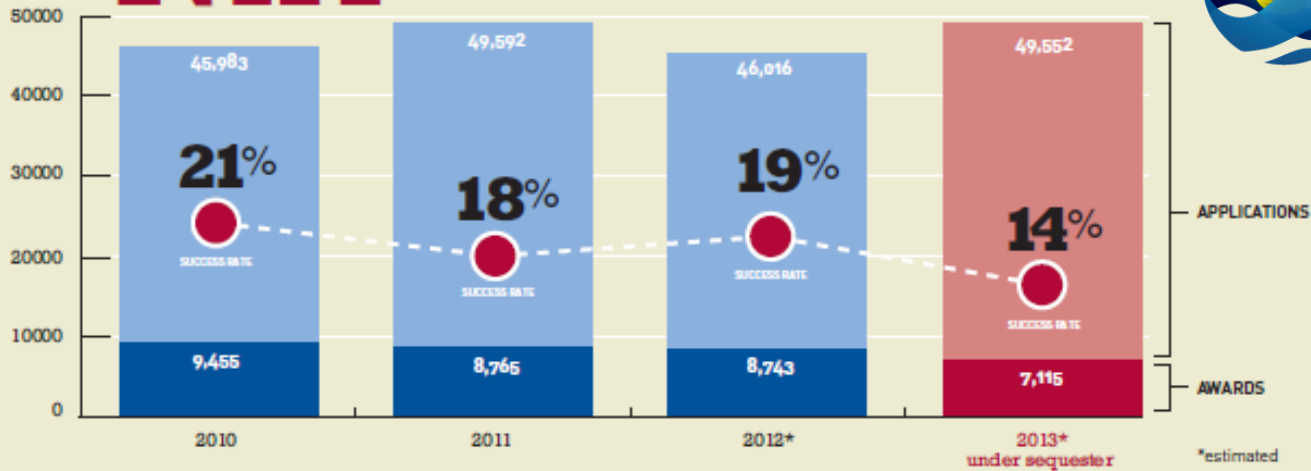


\$56 million
initial ADA funding

Investigators leveraged
ADA support into a **7.5
fold increase** in funding
from other sources

85% of investigators
received subsequent
federal funding to
support their work

NIH GRANT SUCCESS RATES

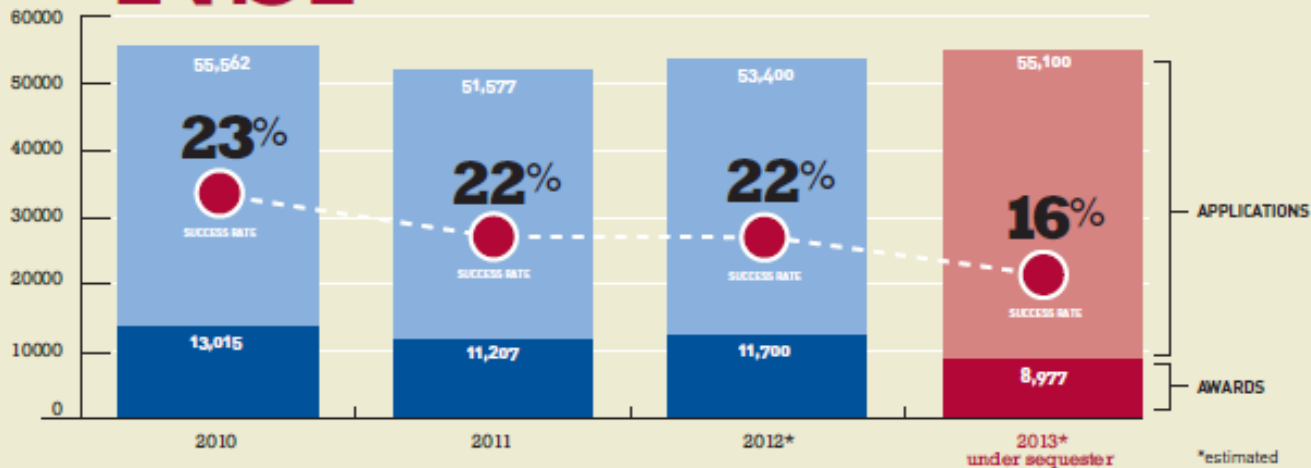


FASEB

Federation of American Societies
for Experimental Biology



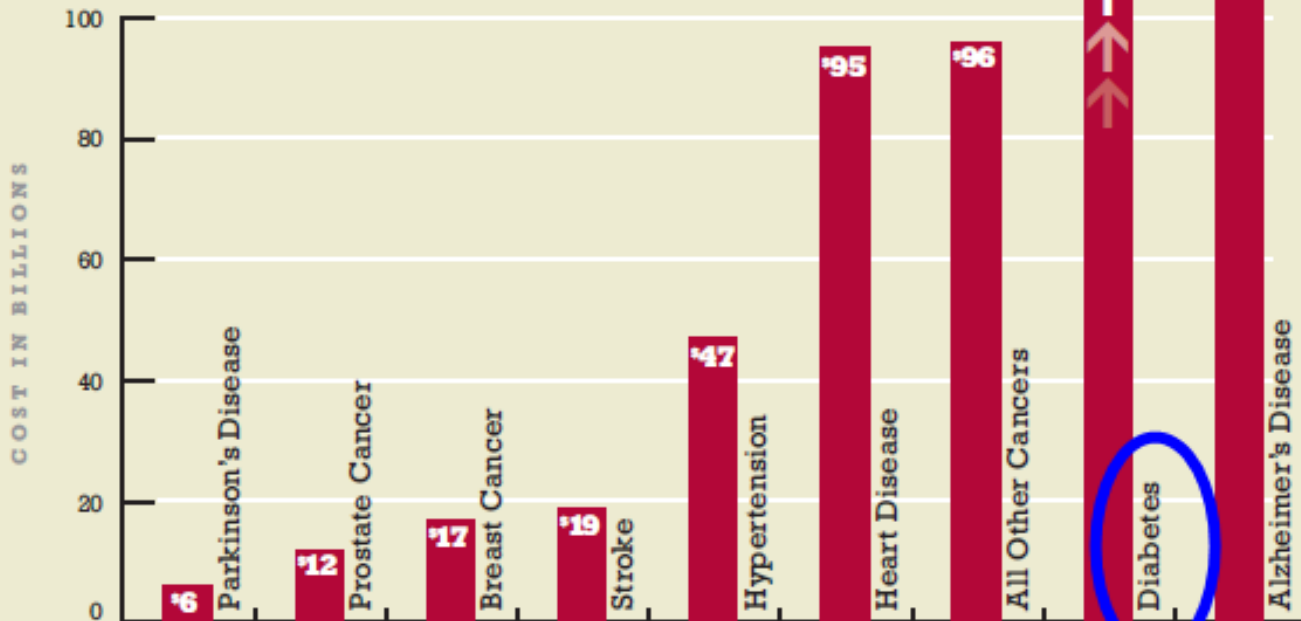
NSF GRANT SUCCESS RATES



STOP DIABETES.

American Diabetes Association.

Annual Cost of Care for Major Diseases In the U.S.



Medical research can find cures for our nation's deadliest and costliest diseases.

This is not the time to cut funding.



American Diabetes Association.

NIDDK at NIH

NIDDK research has led to the advancements and improvements in the treatment of diabetes, including:

- predicting the risk of developing type 1
- preventing type 2
- combating diabetes complications

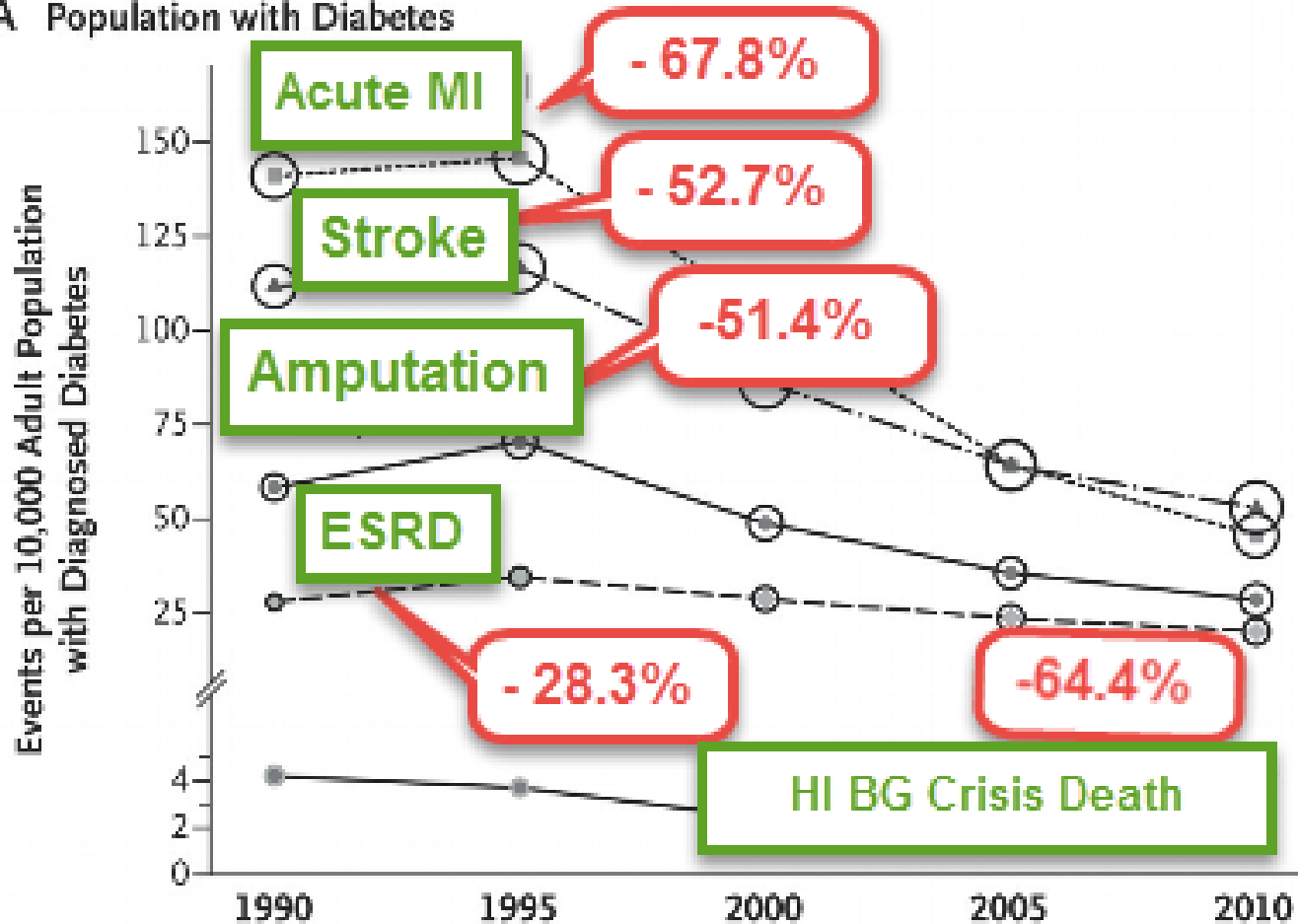
Currently:

- development of the artificial pancreas
- testing medications for type 2



Changes in Diabetes-Related Complications in the United States, 1990-2010.

A Population with Diabetes



Gregg EW, et al. NEJM 2014; 370:1514



Research Makes A Difference

