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

- **Publications per award:**
  - Average - all award recipients: 6
  - Average - career development: 12

- **Received Patents:** 17%
Expanding the Field of Diabetes Research

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.
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.
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

A. Population with Diabetes

- Acute MI: -67.8%
- Stroke: -52.7%
- Amputation: -51.4%
- ESRD: -28.3%
- HI BG Crisis Death: -64.4%

Gregg EW, et al. NEJM 2014; 370:1514
Research Makes A Difference