

RESEARCH & GRANTS

Pathway to Stop Diabetes®

The goal of the American Diabetes Association's Pathway to Stop Diabetes program is simple, yet revolutionary: find a new generation of scientists at the peak of their creativity, and provide them with the freedom, autonomy, and resources to set them on the road to breakthrough discoveries in translational science that lead to breakthroughs in diabetes science.

The Pathway to Stop Diabetes program is designed to transform diabetes research by attracting innovative scientists, physicians, and researchers through financial support and professional mentorship.

Since the program's inception in 2014, 39 scientists have been selected and 100 percent have secured their first independent faculty positions, 46 invention disclosures and patent applications have been filed, 16 start-ups have been launched, and over 300 manuscripts have been published in peer-reviewed journals by Pathway awardees.

ADA's Pathway to Stop Diabetes initiative is transforming diabetes research and improving the lives of people living with diabetes or its burdens.

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Mentor Advisory Group

Pathway awardees are selected by the ADA's Mentor Advisory Group—an assemblage of eminent scientists from diabetes research and other fields who personify the core elements needed for exceptional science: rigorous thought processes, keen intellect, and the capacity for innovation, creativity, and productivity. In addition to the selection process, the mentors will provide ongoing scientific and career advice to Pathway researchers throughout the duration of the awards, creating a challenging and collaborative environment in which transformative science can thrive.

Chair

Christopher B. Newgard, PhD

Duke University

Chair

Louis Philipson, MD, PhD

University of Chicago

Mark Anderson, MD, PhD

UCSF

Barbara J. Anderson-Thomas, PhD

Baylor College of Medicine

David A. D'Alessio, MD

Duke University

Robert Eckel, MD, FAHA, FACC, FNLA

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University of Texas Southwestern Medical Center

Anthony Ferrante Jr., MD, PhD

Columbia University

David M. Harlan MD

University of Massachusetts Medical School

Kevan Herold, MD

Yale University

Elbert Huang, MD

University of Chicago

Barbara Kahn, MD

Beth Israel Deaconess Medical Center

Rohit Kulkarni, MD, PhD

Joslin Diabetes Center

Lori Laffel, MD, MPH
Joslin Diabetes Center

David Nathan, MD
Massachusetts General Hospital

Stephen Parker, PhD
University of Michigan

Sumita Pennathur, PhD
University of California, Santa Barbara

Jane Reusch, MD
University of Colorado, Denver

Christopher J. Rhodes, PhD
AstraZeneca

Alan R. Saltiel, PhD
University of California, San Diego

Jean E. Schaffer, MD
Harvard Medical School

Andrew Stewart, MD
Icahn School of Medicine at Mount Sinai

Pathway Symposium at ADA's Scientific Sessions

At ADA's Scientific Sessions, the Pathway to Stop Diabetes Symposium, highlights many of our innovative and brilliant awardees. The following researchers showcased their scientific updates:

Aleksandar D. Kostic, PhD Joslin Diabetes Center	Project Title: <i>Unseen Allies—How Bacteria Speak to Our Immune System to Tackle Type 1 Diabetes</i>
Judith Agudo, PhD Dana-Farber Cancer Institute	Project Title: <i>Hiding in Plain Sight—Cloaking Beta Cells from Immune-Mediated Damage</i>
Philip J. White, PhD Duke Molecular Physiology Institute	Project Title: <i>Branched-Chain Amino Acids and Diabetes—A Closer Look</i>
Lisa Beutler, MD, PhD Northwestern University	Project Title: <i>The Brain on Sugar—Investigating Neural Changes That Promote Obesity and Diabetes</i>
Anna Kahkoska, MD, PhD University of North Carolina, Chapel Hill	Project Title: <i>Whole Person Care – Identifying and Treating Diabetes Distress as part of Routine Type 1 Diabetes Care</i>
Mayland Chang, PhD  University of Notre Dame	Project Title: <i>A therapeutic option for diabetic foot ulcers</i>

[Ebony B. Carter, MD, MPH](#)



Washington University
School of Medicine in St.
Louis

Project Title: *Targeted Lifestyle Change (TLC) Group
Prenatal Care*

[Zhen Gu, PhD](#)

Zhejiang University

Project Title: *A Translational Pathway of Smart Insulin
Patch*

[Sumita Pennathur, PhD](#)

University of California,
Santa Barbara

Project Title: *Untethering diabetes through innovative
engineering*

[Michael Stitzel, PhD](#)

The Jackson Laboratory

Project Title: *Single cell genomic resolution of human islet
cell type-specific defects in type 2 diabetes*

[Sarah Tishkoff, PhD](#)

University of Pennsylvania

Project Title: *Identification of genetic risk factors for Type
2 Diabetes in Africans*



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