

## RESEARCH &amp; 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.

LEARN MORE

# 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**

University Colorado, Denver

**Joel Elmquist, DVM, PhD**

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

Karen Talmadge, PhD  
Nabu Strategic Advisor

## 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:

<b>Aleksandar D. Kostic, PhD</b> Joslin Diabetes Center	Project Title: <i>Unseen Allies—How Bacteria Speak to Our Immune System to Tackle Type 1 Diabetes</i>
<b>Judith Agudo, PhD</b> Dana-Farber Cancer Institute	Project Title: <i>Hiding in Plain Sight—Cloaking Beta Cells from Immune-Mediated Damage</i>
<b>Philip J. White, PhD</b> Duke Molecular Physiology Institute	Project Title: <i>Branched-Chain Amino Acids and Diabetes—A Closer Look</i>
<b>Lisa Beutler, MD, PhD</b> Northwestern University	Project Title: <i>The Brain on Sugar—Investigating Neural Changes That Promote Obesity and Diabetes</i>
<b>Anna Kahkoska, MD, PhD</b> 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>
<b><u><a href="#">Mayland Chang, PhD</a></u></b>  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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