National NIH K12 “Diabetes-Docs: Physician-Scientist Career Development Program” (DiabDocs) 2022 Annual Retreat

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National Institutes of Health (NIH)
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Diabetes Docs Program

Divisional Priorities

NIDDK's Strategic Plan

Training and Career Development

DIABDOCS
NIDDK Funds Research on All Stages of Type 2 Diabetes Research

No Diabetes ↔ Pre-diabetes ↔ Type 2 Diabetes → Complications

AMP-CMD

Diabetic Foot Consortium

HAP FOLLOW-UP STUDY
D2d
GRADE
ACCORD
TODAY
Look AHEAD
ARMMS-T2D
DRCR.net
NIDDK Funds Research on All Stages of Type 1 Diabetes Research

The Special Diabetes Program
Diabetes Research Programs and Opportunities

- **Type 2 Diabetes**: Youth and adolescents
- **Diabetes in Pregnancy**: Dysglycemia and GDM prediction
- **Heterogeneity of diabetes**: atypical diabetes cases
- **Type 1 Diabetes**: Prevention & Management
- **Artificial pancreas systems**: Uptake & barriers in underrepresented populations
- **Complications**: CVD; Diabetic foot ulcers
- **Stakeholder Engagement Centers**
NIDDK Strategic Plan for Research

- Overarching Plan to complement the NIDDK’s disease-specific planning efforts

- Highlights NIDDK's commitment to:
  - empowering a multidisciplinary research community
  - engaging diverse stakeholders; and
  - leveraging discoveries of connections among diseases across NIDDK’s mission
  - to improve prevention, treatment, and health equity—pursuing pathways to health for all

https://www.niddk.nih.gov/about-niddk/strategic-plans-reports/niddk-strategic-plan-for-research
NIDDK Strategic Plan for Research

Multidisciplinary Researchers, Diverse Stakeholders, Pathways to Health for All

Scientific Goal 1

Scientific Goal 2

Scientific Goal 3

Scientific Goal 4
Advance understanding of biological pathways and environmental contributors to health and disease.

Research Opportunities:
• Identify and characterize factors that affect human health
• Analyze links between biology, behavior, environment – disease heterogeneity and disparities
• Develop innovative technologies and resources
• Enhance and diversify workforce
Examples

- Promote data science
- Improve rigor and reproducibility
- Increase diversity of research workforce
- Enhance research training and career development
- Attract and retain physician/surgeon scientists
With increased funds, NIDDK chose to improve paylines

### Paylines for PI-initiated R01 Applications by Fiscal Year

<table>
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<th>Fiscal Year</th>
<th>General Payline</th>
<th>&gt;$500k Payline</th>
<th>New Investigator Payline</th>
<th>Early Stage Investigator (ESI) Payline</th>
<th>ESI First Competitive Renewal Payline</th>
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Thank you