Informational Webinar:
DiabDocs K12 Program

Program funded by The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) of the National Institutes of Health under award number K12DK133995. Additional support provided by Stanford University, Indiana University, and a grant from The Leona M. and Harry B. Helmsley Charitable Trust to Stanford University.
NIDDK has established a **National K12 “DiabDocs” program** for mentored early career physician research training in diabetes.

Drs. Maahs (Stanford) and DiMeglio (Indiana University), MPDs

Program funded by *The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)* of the National Institutes of Health under award number [K12DK133995](https://www.nih.gov/). Additional support provided by Stanford University, Indiana University, and a grant from The Leona M. and Harry B. Helmsley Charitable Trust to Stanford University.
Additional Funding from The Leona M. and Harry B. Helmsley Charitable Trust

• DiabDocs program recently received an additional grant from The Leona M. and Harry B. Helmsley Charitable Trust to support academic research career development of the next generation of physician-scientists with a specific focus on type 1 diabetes (T1D).

• The funding, structured as a grant to Stanford University, is in addition to a supplemental award recently granted by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) of the United States National Institutes of Health (NIH) to support limited slots available for the career development of physician-scientists with a research focus on type 2 diabetes (T2D).
What’s a K12 and What does National mean?

• Awards provide a diverse group of early career physician-scientists the opportunity to be mentored in research-intensive settings to apply successfully for NIH K08/23 or similar Career Development Awards.

• Scholars can conduct research at any eligible US institution.

• Research must be relevant to diabetes: can be basic, translational, clinical, epidemiology/statistics, informatics, health services, health policy, etc.
DiabDocs

• Awards will last 1-3 years (until external award obtained).
  • $100,000 salary support and $50,000 for research.

• Important goal of the DiabDocs program: expand the pipeline of underrepresented in medicine early career trainees interested in a career as a physician-scientist in diabetes research.
  • DiabDiversity early career trainee program led by Dr. Sherita Golden.
DiabDocs Program Components

• **Mentored Experience:** Each scholar will have a career advisory panel, with a primary mentor and a second arm’s length mentor assigned from outside the home institution

• **Individual Development Plan Portfolio:** developed and tailored to scholar needs

• **National Career Development Programming:** some offerings available to other early career scientists

• **Experiential Learning through Observerships**

• **Visiting Scholar Exchange Program**

• **Site Visits by DiabDocs Leadership**

• **Program Retreats**
  • Next: March 13-15, 2024, Denver, CO
# Executive Leadership Committee (ELC)

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<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Institution</th>
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<tr>
<td>Multiple Program Director</td>
<td>David Maahs</td>
<td>Stanford</td>
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<td>Co-Director, DEI</td>
<td>Sherita Golden</td>
<td>Johns Hopkins</td>
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<td>Co-Director, Retreat</td>
<td>Lori Laffel</td>
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<td>Raghu Mimir</td>
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<td>Co-Director, Scholar Selection</td>
<td>Andrea Steck</td>
<td>Barbara Davis Center</td>
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<tr>
<td>Co-Director, Scholar Selection</td>
<td>Steve Willi</td>
<td>U. of Pennsylvania</td>
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# National Advisory Committee (NAC)

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<th>Name</th>
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<tr>
<td>Alyce Adams</td>
<td>Stanford</td>
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<td>Michael Dean</td>
<td>U. of Utah</td>
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<td>Carmella Evans-Molina</td>
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<td>Francine Kaufman</td>
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<td>Elizabeth Mayer-Davis</td>
<td>U. of North Carolina</td>
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<td>Al Powers</td>
<td>Vanderbilt</td>
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<td>Bradley Schlaggar</td>
<td>Kennedy Krieger Institute</td>
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<td>Joseph Wolfsdorf</td>
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# Scientific Review Committee (SRC)

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<tr>
<td>Shivani Agarwal</td>
<td>Albert Einstein College of Medicine</td>
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<td>Ana María Arbelález</td>
<td>WUSTL</td>
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<td>Susanne Cabrera</td>
<td>Medical College of WI</td>
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<td>Mark Clements</td>
<td>U. of Missouri - Kansas City</td>
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<td>Lawrence Dolan</td>
<td>Cincinnati Children's Hospital</td>
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<td>Stephen Gitelman</td>
<td>U. of Calif - SF</td>
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<td>Carla Greenbaum</td>
<td>Benaroya Research Institute</td>
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<td>Kurt Griffin</td>
<td>Sanford Health</td>
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<td>Michael Haller</td>
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<td>Marisa Hilliard</td>
<td>Baylor College of Medicine</td>
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<td>Joyce Lee</td>
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<td>Ingrid Libman</td>
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<td>Nestoras Mathiodakis</td>
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<td>Antoinette Moran</td>
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<td>Kristen Nadeau</td>
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<td>Jennifer Raymond</td>
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<td>Maria Redondo</td>
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<td>Amy Shah</td>
<td>Cincinnati Children's Hospital</td>
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<td>Philip Zeitler</td>
<td>CU Anschutz</td>
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# Other Program Supporters

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<tr>
<td>Gina Agiostadidou</td>
<td>Helmsley Charitable Trust</td>
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<td>Roy Beck</td>
<td>JAEB Center for Health Research</td>
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<td>Osagie Ebekozien</td>
<td>T1D Exchange Quality Improvement Collaborative</td>
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<td>Kevan Herold</td>
<td>Type 1 Diabetes TrialNet</td>
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<td>Jeff Hitchcock</td>
<td>Children with Diabetes</td>
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<td>Aaron Kowalski</td>
<td>JDRF</td>
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2023 DiabDocs Program Scholars Cohort 1

Schafer Boeder, MD, MA  
UCSD  
Medicine  
Project Title: Reducing Hyperinsulinemia and Insulin Resistance in Type 1 Diabetes Using Adjunctive Therapies

Charlotte Chen, DO  
Albert Einstein College of Medicine  
Pediatrics  
Project Title: Overcoming Barriers and Reducing Disparities in the Use of Advanced Diabetes Technologies in Youth with Type 1 Diabetes (T1D)

Jamie Felton, MD  
Indiana University  
Pediatrics  
Project Title: Type I Interferons and β Cell Metabolism as Drivers of Type 1 Diabetes

Zoe Quandt, MD, MS  
UCSF  
Medicine  
Project Title: Immune Checkpoint Inhibitor Diabetes: A Novel Approach to Study Islet Autoimmunity
2023 DiabDocs Program Scholars Cohort 2

Samantha Adamson, MD, PhD
WUSTL Medicine
Project Title: Integrase Strand Transfer Inhibitor (INSTI)-Mediated Islet Dysfunction

Svetlana Azova, MD
Boston Children's Hospital Pediatrics
Project Title: Assessment of Sociodemographic and Disease-related Factors, Caregiver and Patient Perceptions, and Medical Provider Practices Contributing to Underutilization of Medical Nutrition Therapy in the Management of Type 1 Diabetes Mellitus

Kathryn Fantasia, MD, MSc
Boston University Medicine
Project Title: Development of a Culturally-Tailored Diabetes Self-Management and Technology Curriculum for Adults with Type 1 Diabetes in a Safety-Net Healthcare Setting

Timothy Foster, MD
University of Florida Pediatrics
Project Title: Type 1 Diabetes Prevention Using Proinsulin mRNA Vaccines
2023 DiabDocs Program Scholars Cohort 2

Jacob Kohlenberg, MD
University of Minnesota Medicine
Project Title: Prediction of Diabetic Ketoacidosis Using an Electronic Health Record-Based Model and Continuous Glucose Monitoring Derived Metrics and Reduction of Severe Hyperglycemia via a Remote Monitoring Intervention in Adults with Type 1 Diabetes Mellitus (T1DM)

Meghan Pauley, DO
University of Colorado Anschutz Pediatrics
Project Title: Preclinical Biomarkers of Neurodegeneration, Diabetic Retinopathy, and Cognitive Performance in Young Adults with Type 1 Diabetes

Daniel Tilden, MD, MPH
University of Kansas Medical Center Medicine
Project Title: A Mixed-Method Approach to Understanding Outcomes and Barriers to Care for Rural Adolescents and Young Adults with Type 1 Diabetes
DiabDocs Eligibility Criteria

• Applicants must be US Citizens or Lawful Permanent Residents at the time of appointment.

• Applicants must be within the first five years of their faculty appointment as an Instructor or Assistant Professor (or equivalent) by anticipated start date.

• Applicants must be able to commit a minimum of 75 percent of full-time professional effort (9 person-months) to conducting research and any training activities associated with the program (Note: those in surgical specialties must commit 50 percent).

• Proposed project must be relevant to diabetes including basic, translational, clinical, epidemiology/biostatistics, informatics, health services or health policy projects.
DiabDocs Additional Information on Scholars

• Scholars appointed to the K12 career development program must:
  o Have full-time appointments at the grantee institution
  o Be physician-scientists who have completed their adult or pediatric endocrinology
    fellowship training, or other specialty if justified for diabetes research
  o Are either board-certified or board-eligible
  o Intend to continue in a dual research/clinical career

• Scholars may spend **up to three years** in the K12 career development program.

• At the time of initial K12 appointment, Scholars must have no more than six years
  of research or research training experience beyond their last doctoral degree.
DiabDocs Program Timeline

• Letters of intent for upcoming recruitment cycle are due **December 1, 2023 (by 5pm ET)**.
  • One-page statement of intent to apply
  • One-page preliminary specific aims for the proposed project to gauge relevance to DiabDocs program and recruit reviewers
  • **NIH-format biosketches** from candidate and mentor
  • Proof of US citizenship or lawful permanent resident status (copy of passport/green card)

• Invited full applications due **January 31, 2024 (by 5pm ET)**.

• Selected applicants will also be invited to an in-person program retreat **March 13-15, 2024, in Denver, CO** for interviews.

• Full applications will be reviewed by the DiabDocs Scientific Review Committee in an NIH formatted study section.

• Scholar funding anticipated **July 1, 2024**.
• Interested candidates should e-submit LOI materials in PDF format by December 1, 2023, to:

DiabDocs-K12 Program

diabdocsk12@stanford.edu

• For more information, please visit our website

https://stan.md/diabdocs
Elements of K12 DiabDocs Full Application

- **Abstract** (150 words).
- **Response to Reviewers** (if resubmitting) – Address proposal criticisms (1 page maximum).
- **Research Plan** – Briefly describe your proposed research plan (recommended length, 3 pages).
- **Relevance of your research to diabetes.**
- **Research Experience/Interests** – Summarize your research experience/interests, including preliminary work accomplished to date, including that support this project (recommended length, ½-1 page).
- **Mentoring Plan** – Describe your mentoring plan and how you will specifically work and meet with your primary mentor.
- **External Funding** – What type of grant do you intend to submit for extramural funding in the next 12 months? Preferences are for a K08, K23, JDRF, VA, foundation or other career development awards.
- **Training Plan** – What is your formal training plan to develop as a physician-scientist?
- **Why** are you applying for the DiabDocs Award? (recommended length, 1-2 paragraphs).
- **Diversity, Inclusion, And Mentoring Statement.**
- **Full application guidelines to follow on receipt of LOI.**
DiabDocs Application Additional Elements

• Applications will also include:
  o Candidate’s CV
  o Mentors’ biosketches and letter of support
  o Department Chair letter of support assuring 75% protected research time and a statement on how the other 25% FTE would be defined.
    o The institution will be expected to guarantee a minimum of 50% protected time for 18 months of research after the end of the 3 years of K12 funding, sufficient for the scholar to submit an initial application for a K08 or K23 award and, if needed, to revise and resubmit.

• Successful applications will need to outline a clear research project, well-formulated career development plan including mentorship from an experienced scientific mentor, and strong departmental support to protect time for research.
Questions?

Talk to us or Email diabdocsK12@stanford.edu for more information and to get program announcements/updates!

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