Informational Webinar: Introducing the 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
NIDDK has established a National K12 program for mentored early career physician research training in type 1 diabetes

This program is called “DiabDocs”

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

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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 type 1 diabetes (T1D):** can be basic, translational, clinical, epidemiology/statistics, informatics, health services, health policy, etc.
DiabDocs

- Awards will last 1-3 years (until external award obtained)
  - 100K salary support and 50K 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 24, 2023, Virtual/Zoom
Figure 1: Academic Centers Represented Currently in DiabDocs:

- Multi-Center Program Directors (MPD)
- Executive Leadership Committee (ELC)
- National Advisory Committee (NAC)
- Scientific Review Committee (SRC)
- Current DiabDocs Scholar
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<td>David Maahs, MPI Stanford</td>
<td>Linda DiMeglio, MPI Indiana University</td>
<td>Sherita Golden Johns Hopkins</td>
<td>Lori Laffel Joslin</td>
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<td>Andrea Steck Barbara Davis Center</td>
<td>Steve Willi U. of Pennsylvania</td>
<td>Raghu Mirmira U. of Chicago</td>
<td>William Tamborlane Yale</td>
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<td>Al Powers Vanderbilt</td>
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| Baylor (Redondo/Hilliard)        | Benaroya Research Ins. (Greenbaum)    | Cincinnati (Dolan/Shah)             | University of Florida (Haller)            |
| Medical College of WI (Cabrera)  | Minnesota (Moran)                      | Sanford (Griffin)                   | U. of Calif - SF (Gitelman)              |
| U. of Colorado (Zeitler/Nadeau)  | U. of Missouri - Kansas City (Clements)| U. of Michigan (Lee)                | U. of Pittsburgh (Libman)                |
| U. of So California (Raymond)    | Johns Hopkins (Mathiodakis)            | Additional institutions/Members TBN (target 20 SRC institutions/members) |                                           |

| Other Program Supporters         |                                      |                                    |                                        |
| Children with Diabetes (Hitchcock)| Helmsley Charitable Trust (Agiostratidou) | JAEB Center for Health Research (Beck) | JDRF (Kowalski)                        |
| T1D Exchange Quality Improvement Collaborative (Ebekozien) | Type 1 Diabetes TrialNet (Herold) |                                      |                                        |
2023 DiabDocs Program Scholars

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

Charlotte Chen, DO
Albert Einstein College of Medicine
Pediatrics
Pronouns: She/Her
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
Pronouns: She/Her
Project Title: Type 1 Interferons and β Cell Metabolism as Drivers of Type 1 Diabetes

Zoe Quandt, MD, MS
UCSF
Medicine
Pronouns: She/Her
Project Title: Immune Checkpoint Inhibitor Diabetes: A Novel Approach to Study Islet Autoimmunity
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 type 1 diabetes (T1D) 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 second recruitment cycle are due **January 13, 2023**
  • 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 **February 17, 2023**
• Applicants will also be invited to a virtual program retreat **March 24, 2023**, for interviews
• Full applications will be reviewed by the DiabDocs Scientific Review Committee in an NIH formatted study section
• Scholar funding anticipated **July 1, 2023**
DiabDocs LOI Submission

• Interested candidates should e-submit LOI materials in PDF format by January 13, 2023 to:

DiabDocs-K12 Program
diabdocsk12@stanford.edu

• For more information, please visit our website
https://med.stanford.edu/pedsendo/physician-scientist-diabdocs-k12-program.html
Elements of K12 DiabDocs Proposal

• 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 Type 1 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
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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