



FUNDING AND OTHER OPPORTUNITIES

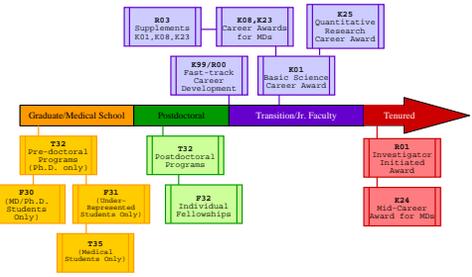
Training and Career Development

Post-Doctoral Training

<http://www2.niddk.nih.gov/Funding/TrainingCareerDev/Postdoc.htm>

- **Individual (F32)** Fellows need to identify a mentor and plan a research project before applying for 1 to 3 years of funding.
- **Institutional (T32)** In place at many major universities, these grants provide pre- and postdoctoral support to fellows at those institutions. To be appointed to a training grant, contact the director of the training program at your institution.

Training & Career Development Timeline



Career Development Awards (U.S. citizens and permanent residents)

<http://www2.niddk.nih.gov/Funding/TrainingCareerDev/>

- **K01 (Mentored Research Scientist Development Awards)*** Support Ph.D. scientists who have at least 3 to 5 years of postdoctoral training and who need to transition to independence.
- **K08 (Mentored Clinical Scientist Development Awards)*** Aimed at physician-scientists to transition them to independence.
- **K23 (Mentored Patient-Oriented Research Career Development Awards)*** Aimed at clinical investigators engaged in patient-based research.
- **K24 (Investigator Awards in Patient-Oriented Research)** Support mid-career physicians in patient-oriented research with funded clinical investigations and who are mentoring young clinicians.
- **K25 (Mentored Quantitative Research Career Development Awards)** Available to individuals with quantitative (e.g., engineering, mathematics, computer science, etc.) backgrounds who wish to pursue biomedical research.

*NIDDK-funded K01, K08 & K23 awardees may apply for a small grant (R03) to obtain additional funding during the last 2 years of their 5-year K award.

Note: All NIH fellowships and career development award mechanisms except the K99/R00 require U.S. citizenship or permanent resident status.

Career Development Awards (open to all*)

K99/R00 NIH Pathways to Independence
The first two years of the award, the K99 phase, are intended to be the mentored career development phase. At the end of the second year, the applicant must have secured an independent tenure-track position to continue the final three years of the award as an R01. Eligible applicants must have five years or less of postdoctoral research experience and may not already have an independent faculty position. For more information about this award, please see <http://grants.nih.gov/grants/guide/pa-files/PA-07-297.html>.

+The K99/R00 award does not require US citizenship or permanent residency status, but the applicant must be able to remain in the US to conduct the full five years of proposed work.

Loan Repayment Program
The purpose of the Extramural Loan Repayment Program is to ease the debt burden clinical scientists may have incurred while attending medical school and a residency program. Competitive applicants must demonstrate their commitment to a research career and have a debt-to-salary ratio of at least 20 percent. For more details about eligibility and to apply online, visit <http://www.lrp.nih.gov>.

New Investigators

http://www2.niddk.nih.gov/Funding/Grants/Resources_NewInvestigators
The NIDDK has a strong interest in the training and research funding of new investigators. Both the NIH and NIDDK have resources to assist new investigators in launching independent careers, including:

- **Peer Review**
All NIH peer reviewers are instructed to focus more on proposed approach than track record for new Principal Investigators (PIs).
- **Differential NIDDK payline and grant duration**
NIDDK has a 2 percentage more generous payline for new PIs and avoids making administrative reductions in grant duration.
- **Second-Level Review**
All new investigator R01 applications within ten percentile points of the payline receive individual consideration for some level of support.
- **NIH High Priority, Short-Term Project Award (R56)**
During second-level review, new investigators are given special consideration for a small R56 award, which provides modest support for the PI to collect more preliminary data and submit an improved application.

For additional information regarding NIDDK training and career development programs please contact:

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Staff Contacts

= attending this meeting

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Diabetes, Endocrinology, and Metabolic Diseases (DEM)

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Funding

PAR-08-181 Seeding Collaborative Interdisciplinary Team Science in Diabetes, Endocrinology & Metabolic Diseases (R24)
Upcoming application receipt dates: 9/25/2009, 1/25/2010, 5/25/2010
Provides initial support to enable strong new investigative teams to form and to foster preliminary research activities.

PAR-08-182 Collaborative Interdisciplinary Team Science in Diabetes, Endocrinology & Metabolic Diseases (R24)
Next application receipt date: 3/24/2010
Provides support to enable strong investigative teams with strong preliminary data to do inter- and/or trans-disciplinary research on a large and complex scientific problem.

Diabetes Center Pilot and Feasibility (P&F) programs
<http://www.diabetescenters.org/pilotandfeasibility>
Provide seed support for new and innovative research projects directed at basic biomedical, clinical and translational research questions relevant to diabetes and its complications.

Medical Student Research Program in Diabetes
<http://medicalstudentdiabetesresearch.org/index.php>
Allows medical students to conduct research under the direction of an established scientist in the areas of diabetes, hormone action, physiology, islet cell biology or obesity at an institution with one of NIDDK-funded Diabetes and Endocrinology Research Centers (DERC) or Diabetes Research and Training Centers (DRTC) during the summer between the first and second year or second and third year of medical school. For summer 2010, applications must be submitted by January/February 2010.

Concept Clearances Recently Approved by NDDK Advisory Council

➢ **Renewal and Re-competition of the Beta Cell Biology Consortium (BCBC)** Brings a team-based approach to the study of pancreas and beta cell development, with the long-term goal of developing cell-based therapies for insulin delivery to type-1 and severe type-2 diabetic patients.

➢ **Effects of Bariatric Surgery on Diabetes & Cardiovascular Risk Factors** Supports pilot and feasibility studies needed to inform the design and implementation of protocols for a randomized clinical study of the effects (benefits, risks, and costs) of bariatric surgery on type 2 diabetes and cardiovascular risk factors in people with BMI of 30 to 40 with type 2 diabetes.

Supported by the American Recovery & Reinvestment Act of 2009 (ARRA)

RR-09-008 Recovery Act Limited Competition: Extramural Research Facilities Improvement Program (C06)
Applications due 6/17/2009 for projects requesting \$10-15M
Applications due 7/17/2009 for projects requesting \$5-10M

RR-09-007 Recovery Act Limited Competition: Core Facility Renovation, Repair & Improvement (G20)
Applications due 9/17/2009

OD-09-007 Recovery Act Limited Competition: Academic Research Enhancement Award (R15)
Applications due 9/24/2009