

Types of NIH Grant Programs

The following groupings represent the main types of grant funding NIH provides:

<ul style="list-style-type: none"> • Research Grants (R series) • Career Development Awards (K series) • Research Training and Fellowships (T & F series) • Program Project/Center Grants (P series) 	<ul style="list-style-type: none"> • Resource Grants (various series) • Trans-NIH Programs • Inactive Programs (Archive)
--	---

Program Project/Center Grants (P series)

The following represents the most frequently used programs. A [comprehensive list of all activity codes](http://grants.nih.gov/grants/funding/funding_program.htm) is available at http://grants.nih.gov/grants/funding/funding_program.htm. Program project/center grants are large, multi-project efforts that generally include a diverse array of research activities. NIH Institutes and Centers issue funding opportunity announcements to indicate their interest in funding this type of program.

Centers (ICs) may vary in the way they use activity codes. Look closely at funding opportunity announcements (FOAs) to determine which ICs participate and the specifics of eligibility.

P01*	<p>Research Program Project Grant</p> <ul style="list-style-type: none"> ○ Support for integrated, multi-project research projects involving a number of independent investigators who share knowledge and common resources ○ Each project contributes or is directly related to the common theme of the total research effort, thus forming a system of research activities and projects directed toward a well-defined research program goal ○ Specific dollar limit unless specified in FOA
P20	<p>Exploratory Grants</p> <ul style="list-style-type: none"> ○ Often used to support planning activities associated with large multi-project program project grants
P30*	<p>Center Core Grants</p> <ul style="list-style-type: none"> ○ To support shared resources and facilities for categorical research by a number of investigators from different disciplines who provide a multidisciplinary approach to a joint research effort or from the same discipline who focus on a common research problem. ○ The core grant is integrated with the center's component projects or program projects, though funded independently from them.
P50*	<p>Specialized Center</p> <ul style="list-style-type: none"> ○ To support any part of the full range of research and development from very basic to clinical ○ May involve ancillary supportive activities such as protracted patient care necessary to the primary research or R&D effort. ○ The spectrum of activities comprises a multidisciplinary attack on a specific disease entity or biomedical problem area. ○ Receive continuous attention from staff funding IC. ○ Centers may serve as regional or national resources for special research purposes.

* Duke School of Medicine Office of Research Development has experience submitting applications in response to

these mechanisms.

Cooperative Agreements

Used when substantial programmatic involvement is anticipated between the awarding Institute and Center.

UM1*	<p>Multi-Component Research Project Cooperative Agreements</p> <ul style="list-style-type: none"> ○ Supports large-scale efforts involving complex clinical trials with multiple components, e.g. clinical networks. ○ Components represent a variety of supporting functions and are not independent of research projects.
U01	<p>Research Project Cooperative Agreement</p> <ul style="list-style-type: none"> ○ Supports discrete, specified, circumscribed projects to be performed by investigator(s) in an area representing their specific interests and competencies. ○ One of many types of cooperative agreements. ○ No specific dollar limit unless specified in FOA.
U10*	<p>Cooperative Clinical Research</p> <ul style="list-style-type: none"> ○ Support clinical evaluation of various methods of therapy and/or prevention in specific disease areas.
U19*	<p>Research Program Cooperative Agreements</p> <ul style="list-style-type: none"> ○ Research program of multiple projects directed toward a specific major objective, basic theme or program goal, requiring a broadly based, multidisciplinary and often long-term approach. ○ A cooperative agreement research program generally involves the organized efforts of large groups, members of which are conducting research projects designed to elucidate the various aspects of a specific objective. ○ Each research project is usually under the leadership of an established investigator in an area representing his/her special interest and competencies. ○ Each project supported through this mechanism should contribute to or be directly related to the common theme of the total research effort. These scientifically meritorious projects should demonstrate an essential element of unity and interdependence. ○ The award can provide support for certain basic shared resources, including clinical components, which facilitate the total research effort.
U24*	<p>Resource-Related Research Projects--Cooperative Agreements</p> <ul style="list-style-type: none"> ○ To support research projects contributing to improvement of the capability of resources to serve biomedical research.
U54*	<p>Specialized Center--Cooperative Agreements</p> <ul style="list-style-type: none"> ○ To support any part of the full range of research and development from very basic to clinical; may involve ancillary supportive activities such as protracted patient care necessary to the primary research or R&D effort. ○ The spectrum of activities comprises a multidisciplinary attack on a specific disease entity or biomedical problem area. These differ from program projects in that they are usually developed in response to an announcement of the programmatic needs of an Institute or Division and subsequently receive continuous attention from its staff. ○ Centers may serve as regional or national resources for special research purposes, with funding component staff helping to identify appropriate priority needs.

* Duke School of Medicine Office of Research Development has experience submitting applications in response to these mechanisms.

Finding a funding opportunity that matches your interests.








- ❖ Duke's Funding Opportunities website and newsletter:

<https://researchfunding.duke.edu/>

The newsletter comes via text email (not HTML), with links to the tabulated funding opportunities organized by discipline.

<https://researchfunding.duke.edu/subscribe.asp>

Sample of the tabulated funding opportunities:

<u>Deadline</u>	<u>Discipline</u>	<u>Sponsor/Program</u>	<u>Eligibility</u>	<u>Amount</u>
9/21/2012 	International Opportunities, Medical - Basic Science, Social Sciences.	USAID - FY 2013 American Schools and Hospitals Abroad Program	Faculty.	\$2,000,000
9/27/2012 	Physical Sciences & Engineering.	Department of the Air Force - Center of Excellence (CoE) in Guided-Wave Infrared Sources	Faculty.	No fixed limit
10/1/2012 	Curriculum Development, Environmental & Life Sciences, Physical Sciences & Engineering.	Center for Dark Energy Biosphere Investigation - C-DEBI Request for Education & Outreach Proposals	Faculty. Women and minorities encouraged.	\$50,000
10/3/2012  11/21/2012 	Medical - Clinical Science.	NIH - Novel Interventions to Reduce Morbidity and Mortality of Hemodialysis Patients – Safety and Other Early Phase Studies (U01)	Faculty or Institutional.	See details.
10/5/2012 	Environmental & Life Sciences, Medical - Basic Science, Medical - Clinical Science, Medical - Translational, Multidisciplinary, Physical Sciences & Engineering.	NIH - Bioengineering Research Partnerships (BRP) (R01, R21)	Faculty or Institutional.	No fixed limit
12/3/2012 	Medical - Basic Science, Medical - Translational, Medical - Clinical Science.	NIH - Ancillary Studies to Large Ongoing Clinical Projects (R01, R21)	Faculty.	\$1,000,000

- ❖ Customizable electronic notifications from **PIVOT** from the Community of Science, available to all at Duke:

<http://pivot.cos.com/>

Contact **Anastasia Maddox** in Duke's Office of Research Support for help establishing a customized search or to have her present to the department (faculty, staff, residents, fellows, postdocs, students, etc.). amm39@duke.edu

Suggested timeline for developing a collaborative grant program

Convene a group around a research theme

Proactive: A “critical mass” of shared research interests within or across depts./centers/schools

Reactive: Availability of a Funding Opportunity Announcement that meshes with that critical mass

Both need an identified leader or team of leaders to build and keep momentum

Internal collaborative seed grants (SOM, DCI, Medicine, DIBS, etc.)

Proactive

No time like the present

Set up a standing meeting –monthly or bimonthly

Share ongoing work

Discuss or get feedback on research ideas

Build connections with resources and potential collaborators

Discuss preliminary data and opps for shared pubs/grants

Build a community

Strike when a relevant funding opportunity arises

Keep an eye on funding opportunity announcements for individual and collaborative work

Reactive

No time like the present

Funding opp might be recurring (say, 1x/yr for 3 years)

Funding opp might have a single deadline in 3 months or less

Set up a standing meeting – monthly if an annual opp, then weekly within 3 months from deadline

Include grants/business person as soon as an opp is identified

Discuss overall aims

Plot project and cores

Discuss preliminary data needs

Identify and bring in missing team members/expertise

Develop and agree on timeline to produce all components of application (science AND admin)

Establish open and responsive communications so all are informed as the plans evolve

Circulate and discuss early drafts of aims

Develop science ALONGSIDE detailed budget

Set and meet deadlines

Some issues to look out for

Is pre-approval required by the funding agency?

Do projects have to interact? Identify deliverables & expertise shared between each set of projects.

Contact us any time

Early in the process of building a community, we'd be happy to sit in as available and become more familiar with your research.

When a funding opportunity is identified, we can help plot out milestones to submitting a high quality application

When a quick deadline opportunity arises, we can provide the extra brains, eyes, and effort to make a short turnaround doable.

Don't hesitate – knowledge is power.

Questions? Contact SOM Research Development:

Joanna Downer, PhD, Director

Joanna.downer@duke.edu, 919-681-8272