Funding Resources & Training

**Funding Resources**

[https://your.yale.edu/research-support/office-sponsored-projects/funding-opportunities](https://your.yale.edu/research-support/office-sponsored-projects/funding-opportunities)

Explore these resources to identify support for your research efforts. If you have questions, contact the Funding Resource Center Manager. [melanie.smith@yale.edu](mailto:melanie.smith@yale.edu) or (203) 785-4978

- **Calendar of Research Funding Opportunities**
  - Deadlines and links to information from foundations, non-governmental organizations, State of Connecticut, and new federal funding opportunities
- **Scholar Awards**
  - Prestigious limited submission foundation grants, primarily for junior faculty – internal competitions
- **Limited Submissions**
  - Federal funding opportunities that limit the number of applications per institution – internal competitions
- **Internal Awards**
  - Pilot/feasibility awards to kick-start your research
- **Equipment Grants**
  - NIH and NSF support for acquisition and/or development of major instrumentation
- **Funding Databases & Sponsor Websites**
  - Generate funding searches and email alerts for relevant funding opportunities
- **FAQs**
  - For questions asked regularly about topics covered on this page. Check here often as we are always adding new information.

**Grantsmanship Training**

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Attend these free programs designed to help faculty and trainees identify funding opportunities for their research and prepare successful, well-targeted grant applications. To register for upcoming events, click [here](https://your.yale.edu/research-support/office-sponsored-projects/funding-opportunities).

The programs listed below are presented regularly.

- **Science Writing for Grants and Manuscripts**
- **How to Write A Compelling Grant Abstract:** A Hands-On, Skill-Building Workshop
- **All About Career Awards:** Applications, Review, and Stepping Stones to Funding Your Future
- **Show Me The Money:** Using Online Databases to Identify Funding Opportunities for Your Research
- **Behind the Scenes at NSF, DOE, DOD and Other Funding Agencies:** An Insiders’ Perspective on Grant Review
- **Behind the Scenes at NIH:** Study Section Members Share Their Experience with Application Review
- **Revising and Resubmitting:** Practical Considerations Based on the Psychology of Re-Reviews
- **Funding Q&A Clinic:** An informal conference room session to answer questions about identifying funding for your research.
- **How to Write A Successful R01**
- **Step-by-Step to Getting Your First Grant**
Yale subscribes to two databases of funding opportunities. Simply enter junior faculty, early career awards, young investigator awards, postdoctoral fellowships, and similar terms as your keyword or phrase and you will obtain a good list of the young investigator and training funding opportunities available.

SPIN:  https://spin.infoedglobal.com/Home/SOLRSearch
Access from a Yale-connected computer anytime. To access from other locations and to save searches, register under “sign in.”

Grant Forward:  https://www.grantforward.com/index
Access from a Yale-connected computer anytime. To access from other locations and to save searches, register under “sign in.”

Grants.gov / Funding Opportunities:  https://www.grants.gov/web/grants/search-grants.html
The Department of Health & Human Services (DHHS) includes the National Institutes of Health (NIH), the Agency for Health Care Research and Quality (AHRQ), the Centers for Disease Control (CDC), and the Food and Drug Administration (FDA) among others. Think in terms of where your research might fit, or search on all of these at once. The site includes a very helpful side-bar to narrow your selections appropriately. Click on the “Connect” tab to create and manage your subscriptions, i.e. custom email notifications. (Suggestion: create a filter in Outlook for all of your funding opportunity email notifications, and check regularly!)

NIH has a site devoted to Research Career Development Awards, also known as the K-kiosk.  https://researchtraining.nih.gov/programs/career-development.  Descriptions of the various career awards are available on the site with links to current funding opportunities. You can filter down to the types of awards for which you are presently eligible as early faculty. Use the NIH Reports Tool, https://projectreporter.nih.gov/ (tab for “reports”) to check out success rates by funding mechanism and by institute.

Look for slots on K12 awards. These are institutional career awards and usually have 4 or 5 slots. Yale has 6 K12 awards presently. Check these out on the NIH Report Tool, https://projectreporter.nih.gov/. Under organization, type in yale; under project details, over the R01 box, type in K12. Use the NIH Reports Tool, (tab for “reports”) to check out success rates by funding mechanism and by institute.

NIH supports individual and institutional training programs for pre- and post-doctoral investigators in your lab. The NRSA Individual Fellowships (F32), https://grants.nih.gov/grants/guide/pa-files/PA-18-670.html, are an excellent source of support as are slots on institutional training grants (T32). Yale has 48 active institutional training grants. The NIH Reporter, https://projectreporter.nih.gov/reporter.cfm includes a full description of each program (Enter Yale University for Organization and T32 or T35 in the R01 box under Project Details.) A complete list with contact information is also available at: https://your.yale.edu/policies-procedures/other/itg-list-training-grants-list. Note that training grants may be for either or both predocs or postdocs. If the column for Postdocs has a number greater than “0,” postdocs are supported on that T32 grant. Determine the right fit and contact the person listed under email.

The Yale School of Medicine funds the Brown Coxe Fellowships, https://your.yale.edu/research-support/office-sponsored-projects/funding/scholar-awards/brown-coxe-fellowships, for first and second year postdoctoral fellows. These are open to MDs and PhDs without regard to citizenship or discipline. Proposed research can be
clinical, translational, or basic. Fellowships provide support for one year of training. Deadlines are usually January-February annually for start dates of July 1 of the same year.


With thanks to Albert Einstein College of Medicine / their Office of Grant Support has an excellent list of funding opportunities open to postdoctoral fellows and to junior faculty. The list is annotated to include fields of interest and deadline dates and is updated regularly. http://www.einstein.yu.edu/administration/grant-support/post-doc-awards.aspx http://www.einstein.yu.edu/administration/grant-support/junior-awards.aspx http://www.einstein.yu.edu/administration/grant-support/funding-opportunities.aspx

Another approach is to go to your favorite browser and search on postdoctoral research, clinical research fellowships, research fellowships, early career awards, career development awards, or young investigator awards (or some combination thereof combined with your specific interests) and you will find many sites with lists of funding opportunities. Yes, this process is a bit of hit and miss, but it is often very productive. Start with fewer words and gradually refine your results.

As you perform keyword searches and consider funding support available from private foundations and charitable organizations, keep in mind that research today may fit into the interests of a lot of specialized organizations. Years ago, for example, applicants to the American Heart Association were almost always from Cardiology no surprise there.) In more recent years, here at Yale, we’ve had investigators from as many as 16 different departments submit applications to the AHA. Think about where your research and potential outcomes intersect the interests of the sponsoring agency. This can help expand your base of support.

Other Resources:

Ask your immediate predecessors, those who are within 5 years of where you are now. What grants did they apply for? Receive?

Ask your business office if they can provide a list of sponsors to which investigators in your department have submitted applications. This can provide some focus with respect to those sponsors supporting research in your discipline or areas of interest.

As you read the literature of your field, note the sponsors of the research conducted.

Look for internal funding opportunities to cover your research expenses. Center grants typically include a portion of money to support pilot and feasibilities studies by Yale investigators, often-times this will include postdoctoral
investigators. Use the list at: https://your.yale.edu/research-support/office-sponsored-projects/funding/internal-awards as a starting point and check bulletin boards.

The Yale Cancer Center includes a Funding Opportunities page for current opportunities, both internal and external -- https://www.yalecancercenter.org/research/people/funding.aspx. Subscribe to the YCCC’s “DirectConnect” which provides a column bi-weekly of funding opportunities in cancer-related fields -- https://www.yalecancercenter.org/news/directconnect/.

Similarly, one of the forms of funding support provided by the Yale Center for Clinical Investigation is the YCCI Scholar Awards for Support of Junior Faculty members. Check out their listings for Education, Training, and Career Development at https://medicine.yale.edu/ycci/education/.

Subscribe to the NIH Guide, https://grants.nih.gov/funding/searchguide/index.html, the single best source of information weekly on new NIH funding opportunities. The NIH Guide arrives in your email box every Friday afternoon and because the titles of funding opportunities are meaningful, it only takes a few minutes to determine which ones might be of interest to you. The NIH Guide can also be searched on every imaginable biomedical term known and produce good results. Using the NIH Guide for active opportunities and the NIH Reporter for awarded grants, you can create a good picture of where your research fits and what is being funded. Start establishing relationships with program officers and your institutes early on. Reach out to those working in your areas of interest.

Check out Scholars Awards. Most Scholar Awards are intended for faculty in the early years of their faculty careers. These are limited submission awards for which Yale can nominate usually 1 or 2 candidates. A complete list is available at: https://your.yale.edu/research-support/office-sponsored-projects/funding/scholar-awards. Review the awards and apply internally for as many as for which you feel you are a good fit.

Think about this: It is much easier to get a grant once you have one. It’s just like getting that first job as a teenager. Think in terms of your career. With research an important element in your career, you will need to apply for grants. Yes, you can always participate in others’ research grants, but … go out and get a grant in your own name. You’ll be on the road to demonstrating that you can manage a grant (albeit small in some cases), and will gain experience in fulfilling the reporting required for your grant. Do this successfully and you have a sponsor that will be much more willing to support your research in the future. And, other sponsors figure that if you’ve had a grant (or fellowship), you’re a worthwhile risk to fund in the future. It also shows that you are pro-active and a go-getter (after all, you do have great ideas you want to pursue!). You will also gain valuable experience writing a grant proposal. Write a really good proposal and you’ll find that you have thought through your proposed research in-depth, including your resources, the pitfalls if any of your aims fall apart, and so on. To paraphrase one of my favorite speakers on the topic of successful grantwriting, “when you have finished writing a grant proposal, you rule on that research.”

And, finally, with these suggestions, start developing your funded research plan. Think ahead at least 2-3 years, consider your forthcoming publications, work with your mentors (and add to your pool of mentors), and attend some of the funding and grantsmanship training programs held regularly at Yale. Good luck!