



The Year in Review

In Fiscal Year (FY) 2011, 3,159 individuals applied to the five Extramural Loan Repayment Programs (LRPs): Clinical Research, Pediatric Research, Health Disparities Research, Clinical Research for Individuals from Disadvantaged Backgrounds, and Contraception and Infertility Research. Of those applicants, 1,572 were awarded contracts totaling \$72,402,447. The combined (new and renewal applicants) success rate for the Extramural LRPs was 50 percent.

The Extramural Clinical Research LRP received 51 percent (1,604) of all applications.

New applicants (those not previously funded) constituted 61 percent of all applications while renewal applicants (those previously funded) comprised 39 percent of all applicants. Success rates for new and renewal applicants were 39 and 67 percent, respectively.

The LRPs are open to health professionals with doctoral level degrees and varying levels of experience. Most new FY 2011 awardees are beginning their careers, with 62 percent having received their qualifying degrees within the last 5 years and 94 percent within the past 10 years.

Physician doctorates (including dual physician doctorates and academic doctorates, for example, MD/PhD degrees) comprised 51 percent of the 1,572 awards, while those with academic doctoral level degrees comprised 47 percent of the total awards.

Seventy-five percent of the new awardees had educational debt greater than \$50,000, with 10 percent having debt levels greater than \$200,000.

Women received 853 of the 1,572 LRP awards. Black/African American applicants received 118 awards. Asians received 171 awards. Hispanics received 86 awards. American Indians/Alaska Natives were recipients of 9 awards.

The Division of Loan Repayment offers multiple resources for assisting applicants. This includes two webinars that have been watched over 7,000 times. An *Overview of the Loan Repayment Programs* summarizes the programs and gives tips for applying, and the *Application Tutorial* outlines the four sections of the application and shows applicants how to avoid common pitfalls. The LRP web site www.lrp.nih.gov contains links for both webinars.



The Five Extramural Loan Repayment Programs

Clinical Research LRP:

Clinical research is patient-oriented clinical research conducted with human subjects, or research on the causes and consequences of disease in human populations involving material of human origin (such as tissue specimens and cognitive phenomena) for which an investigator or colleague directly interacts with human subjects in an outpatient or inpatient setting to clarify a problem in human physiology, pathophysiology or disease, or epidemiologic or behavioral studies, outcomes research or health services research, or developing new technologies, therapeutic interventions, or clinical trials.

Pediatric Research LRP:

Qualified Pediatric Research is defined as research directly related to diseases, disorders, and other conditions in children.

Health Disparities Research LRP:

The scope of research qualified for this program includes basic research, clinical research or behavioral research directly related to health disparity populations and the medically underserved. Group is defined as a health disparity population: if there is a significant disparity in the overall rate of disease incidence, prevalence, morbidity, mortality, or survival rates in the population as compared to the health status of the general population.

Clinical Research for Individuals from Disadvantaged Backgrounds LRP:

For this program, an individual from a disadvantaged background is defined according to low family income levels set by the U.S. Bureau of the Census – as published in the Federal Register.

To meet this low-income requirement candidates must demonstrate their disadvantaged status by submitting (1) a written statement from former school(s) where he/she qualified for Federal disadvantaged assistance, (2) verification of receipt of loans from either the Health Professions Student Loans (HPSL) or Loans for Disadvantaged Student Program, or (3) verification of a scholarship from the U.S. Department of Health and Human Services under the Scholarship for Individuals with Exceptional Financial Need.

Contraception and Infertility Research LRP:

Contraception research is defined as research whose ultimate goal is to provide new or improved methods of preventing pregnancy. Infertility research is defined as research whose long-range objective is to evaluate, treat, or ameliorate conditions which result in the failure of couples to either conceive or bear young.



Applications, Awards, and Success Rates New and Renewal by Program

NIH received 3,159 applications

- 61 percent of the applications were from new applicants
- 50 percent of all applicants were awarded

LRP	New			Renewal			Total		
	Applications	Awards	Success Rate	Applications	Awards	Success Rate	Applications	Awards	Success Rate
Clinical Research	959	404	42%	645	468	73%	1,604	872	54%
Pediatric Research	506	185	37%	307	227	74%	813	412	51%
Health Disparities Research	383	122	32%	240	110	46%	623	232	37%
Clinical Research for Individuals from Disadvantaged Backgrounds	35	17	49%	12	9	75%	47	26	55%
Contraception and Infertility Research	52	19	37%	20	11	55%	72	30	42%
Total	1,935	747	39%	1,224	825	67%	3,159	1,572	50%