



National Institute of Nursing Research's

RESEARCH TRAINING GRANTS AND OPPORTUNITIES



OVERVIEW OF NINR



The National Institute of Nursing Research (NINR), a component of the National Institutes of Health (NIH), is the Federal government's primary agency for the support of nursing research. NINR supports basic and clinical research that develops the knowledge to build the scientific foundation for clinical practice, prevent disease and disability, manage and eliminate symptoms caused by illness, and enhance end-of-life and palliative care.

NINR places great emphasis on research training to cultivate the next generation of nurse scientists, as well as other biobehavioral researchers whose work advances nursing science. Extramural (outside of NIH) awards and intramural (on the NIH campus) opportunities for research training are available for students beginning their research careers, as well as for scientists seeking to expand their research expertise. Among these opportunities, NINR provides support for trainees from underrepresented and disadvantaged backgrounds.

“Nurses are already trained to make important observations, which is essentially what researchers do. Any nurse is trained to do research on some level.”

— Dr. Patricia A. Grady

Director, National Institute of Nursing Research 1

Extramural Training Awards

Graduate nursing students or recent graduates of doctoral programs can apply for individual stipends through the Ruth L. Kirschstein National Research Service Award (NRSA) program. NINR supports three types of NRSA awards:

F31 (predoctoral)—assists students in full-time, mentored research training toward doctoral degrees.

F32 (postdoctoral)—supports developing scientists with doctoral degrees who want to broaden their scientific backgrounds and extend their potential for research.

F33 (senior fellowship)—provides funding for more experienced scientists in advanced training to explore new areas of science, acquire new research capabilities, and expand their command of interdisciplinary research.

Additionally, several nursing schools with research programs have **NRSA Institutional Training (T32)** grants from NINR. This enables direct financial support for full-time predoctoral and postdoctoral research training for a wider range of students. For a list of nursing schools with T32 grants, visit www.ninr.nih.gov/ResearchAndFunding/T32.

“Being a nurse scientist has opened doors for me that I couldn’t have imagined when I was an undergraduate nursing student.”

— Dr. Margaret Grey
Dean, Yale University School of Nursing

Career Development Awards

For postdoctoral and established investigators, NINR offers a range of career development (K) awards:

The **K01 Mentored Research Scientist Development Award** and the **K01 Mentored Research Scientist Development Award for Underrepresented or Disadvantaged Investigators** provide for additional mentored-research experience with expert investigators for career enhancement or to gain expertise in a new area.

The **K22 Career Transition Award** funds postdoctoral research training in two phases: an intramural phase at NIH, and an extramural phase to facilitate the transition to tenure-track research and faculty positions at university schools of nursing.

The **K23 Mentored Patient-Oriented Research Career Development Award** is intended to encourage research-oriented clinicians to develop the research skills and experience needed to become independent investigators conducting patient-oriented research.

The **K24 Mid-Career Investigator Award in Patient-Oriented Research** targets outstanding clinical scientists who are actively engaged in patient-oriented research, allowing them protected time to devote to research and to act as mentors for beginning clinical investigators.

The **NIH K99/R00 Pathway to Independence (PI) Award** is an NIH-wide program that allows promising postdoctoral scientists to receive both mentored and independent phases of research support for up to five years.





NIH Research Supplements

NIH offers administrative supplements to existing research grants to help promote the recruitment, training, and retention of eligible individuals.

Research Supplements to Promote Reentry into Biomedical and Behavioral Research Careers (PA-08-191) are available to support scientists with high potential to reenter active research careers after taking time off for family or other responsibilities.

Research Supplements to Promote Diversity in Health-Related Research (PA-08-190) seek to improve the diversity of the research workforce by supporting students, postdoctoral scientists, and eligible investigators:

- with disabilities
- from underrepresented racial and ethnic groups
- from socially, culturally, economically, or educationally disadvantaged backgrounds that have inhibited the ability to pursue careers in health-related research.



“I am just so excited that not only can I affect one life, but I help communities and answer questions as well.”

— Graciela Rodriguez-Santos
Nursing student

Intramural Training Opportunities

NINR's Intramural Research Program (IRP) offers several training opportunities and programs that take full advantage of the rich resources available on the NIH campus:

Post-baccalaureate training positions allow BSN-prepared nurses interested in exploring a career in research to spend a year engaged in biomedical investigation at NINR.

Pre- and postdoctoral fellowship positions, as well as **summer internships**, are available in the IRP laboratories.

The Graduate Partnerships Program (GPP) in Biobehavioral Research, conducted in conjunction with schools of nursing, offers graduate students a range of research training experiences that provide credit towards a PhD.

The K22 Career Transition Award. See description under Career Development Awards.

The NINR Summer Genetics Institute (SGI) is an intensive program on the NIH campus that provides training in molecular genetics for use in research and clinical practice. It is intended for graduate students, faculty, and advanced practice nurses.

Developing Nurse Scientists, an online training program, provides an introduction to research grantsmanship for new doctoral graduates and early career scientists. It is available at www.ninr.nih.gov/Training/OnlineDevelopingNurseScientists.

For more information on all of the training opportunities available through the NINR, as well as links to the on-line training grant applications and application instructions, visit www.ninr.nih.gov/training.

“Research has provided me the opportunity to engage in something that makes a difference in the field and improves the lives of everyone.”

— Dr. Patricia A. Grady
Director, National Institute of Nursing Research



NINR Research Training and Grant Information

For more information on training grants and opportunities available through NINR, including links to instructions and applications, visit www.ninr.nih.gov/training.

For information on research training and research career opportunities offered by NIH, visit www.grants.nih.gov/training.

“As a nurse scientist, your research provides an evidence base for others to build upon and links you to the legacy of a healthier future. Research is a critical investment in the next generation.”

— Dr. Patricia A. Grady
Director, National Institute of Nursing Research



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