



## Extramural Research Training and Career Development Program

The National Institute of Dental and Craniofacial Research (NIDCR) has primary responsibility for meeting the research workforce needs in dental, craniofacial and oral health research. The NIDCR research training and career development initiatives span the career stages of scientists. Programs are located throughout the country, including the NIH campus in Bethesda, Maryland. Training is provided in the basic, clinical, behavioral and other sciences related to the NIDCR mission. The NIDCR supports both individual and institutional research training and career development awards. Individuals eligible for research training support include: (1) health professional and predoctoral students who wish to obtain a Ph.D.; (2) graduates of health professional schools desiring to obtain research training that may or may not lead to a Ph.D. or other such terminal degree; (3) individuals with a Ph.D. and/or D.D.S./D.M.D. interested in pursuing postdoctoral training; and (4) mid-career or senior scientists who want to receive additional training or retraining in new areas of science or research technology.

### Programs for Predoctoral Students

Individual Predoctoral Dental Scientist NRSA Fellowship (F30)	Offers an integrated dental and graduate research training program that leads to both a DDS/DMD and PhD degree. Provides up to six years of support that includes an annual stipend, travel funds, partial tuition and other research related expenses. Students enrolled in a U.S. dental school can apply.
-Individual Predoctoral NRSA Fellowship (F31) -Individual Predoctoral NRSA Fellowship (F31) to Promote Diversity in Health Research	Provides up to five years of support for promising students conducting dissertation research in biomedical, behavioral, or clinical research areas relevant to the mission of NIDCR. Applicants must be enrolled in a PhD research degree program. Provides an annual stipend, travel funds, and additional allowance for partial tuition and other training related expenses.
Institutional NRSA Research Training Grant (T32)	Provides support for several types of research training: (1) up to five years of support to individuals pursuing a PhD; (2) up to five years of support to individuals pursuing a combined DDS/DMD-PhD degree; (3) up to three months per year to dental students desiring to gain research experience while in dental school.

### Programs for Postdoctoral and Postgraduate Fellows

Individual Postdoctoral NRSA Fellowship (F32)	Provides trainees with an opportunity to broaden their scientific background or to extend their potential for research in health-related areas. To be considered for this award, an individual must have received a PhD, DDS/DMD, MD or equivalent degree from an accredited institution. Up to three years of support may be provided. The stipend level depends on the number of relevant years of postdoctoral experience at time of award. Additional allowance is available for other training related expenses.
Institutional NRSA Research Training Grant (T32)	Supports an institution to develop a comprehensive program that provides opportunities for postdoctoral and short-term training in an area of dental, oral or craniofacial research. Postdoctoral trainees may receive support for up to three years. The annual stipend level for postdoctoral trainees depends on the number of relevant years of postdoctoral experience at time of award. Additional allowance is available for other training related expenses.
Individual Mentored Clinical Scientist Development Award (K08)	NIDCR K08 award encourages dentists and other clinicians to pursue a career in oral health research. The applicant must have a DDS/DMD/MD or other clinical doctoral degree, and must have a full-time faculty appointment. Priority will be given to dentists who wish to pursue a program that includes didactic and supervised basic or behavioral science research experiences that result in the PhD degree. Health professionals with a doctoral degree may use the award for a postdoctoral experience. The NIDCR will not provide support for clinical specialty training under this program.  This award is for 3-5 years of support and awardees receive an annual salary up to \$75,000 plus commensurate fringe benefits. In addition, up to \$25,000 will be provided for training related expenses.

Individual Mentored Patient-Oriented Research Career Development Award (K23)	Provides support for 3-5 years of supervised study and research for clinically trained professionals who have the potential to develop into productive, clinical investigators focusing on patient-oriented research. Applicants must justify the need for a period of mentored research experience and provide a convincing case that the proposed period of support and career development plan will substantially enhance their careers as independent investigators in patient-oriented research. Applicants must have a full-time faculty appointment. Recipients may receive a salary up to \$75,000 per year plus commensurate fringe benefits and up to \$25,000 per year for research support.
Pathway to Independence Award (K99/R00)	The NIH Pathway to Independence Award provides an opportunity for promising postdoctoral scientists to receive both mentored and independent research support from the same award. The initial 1-2 year mentored phase (K99) is followed by an independent phase (R00) in a tenure-track (or equivalent) position to continue working towards establishing an independent research career. Postdoctoral candidates who have no more than 5 years of postdoctoral research training are eligible. U.S. citizens and non-U.S. citizens are eligible. Recipients may receive a salary up to \$75,000 per year plus commensurate fringe benefits and up to \$25,000 per year for research support for the K99 phase, and the total cost per year for the R00 independent phase is up to \$249,000.
Individual Mentored Quantitative Research Career Development Award (K25)	Supports career development of investigators with quantitative scientific and engineering backgrounds outside of biology or medicine who wish to focus their research on behavioral, basic or clinical biomedical research. Recipients may receive a salary of up to \$75,000 per year plus commensurate fringe benefits and up to \$25,000 per year for research support.

### Programs for Independent Scientists

Individual Senior NRSA Fellowship (F33)	Provides mentored health research training for experienced scientists, enabling them to update their skills or make changes in the direction of their career. Support may be requested for up to two years. Stipend and additional allowance is available for training related expenses.
Institutional NRSA Research Training Grant (T32)	Provides support for short-term (not to exceed three months per year) training of junior faculty interested in obtaining a research experience and of mid-career or senior scientists interested in retraining or updating their knowledge and skills in a new area or technique of science.
Individual Independent Scientist Award (K02)	Provides support for newly independent scientists who have a concurrent R01 award. Up to five years support is offered. Recipients will receive an annual salary of \$75,000 plus commensurate fringe benefits. They also may request funds to offset the cost of additional training related expenses up to a maximum of \$15,000.
Individual Mid-Career Investigator Award in Patient-Oriented Research (K24)	Relieves mid-career clinical scientists from patient care duties and administrative responsibilities for up to 50 percent of their time to enable these individuals to pursue their own patient-oriented research and act as mentors for beginning clinical investigators. Awardees receive support for up to five years with a salary plus fringe benefits for up to 50 percent effort. Funds also will be provided for research related expenses.

### Programs to Promote Diversity in Health-Related Research

Research Supplements to Support Underrepresented Minorities and Individuals with Disabilities.	Provides funds for PIs holding specific types of NIH research grants (listed in PA-05-015) to improve the diversity of the research workforce by supporting and recruiting students, postdocs, and eligible investigators from groups that have been shown to be underrepresented in science. These groups include: individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from disadvantaged backgrounds. Refer to the PA for detailed eligibility criteria.
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More information about all extramural research training and career development programs is available through the NIDCR web page  
<http://www.nidcr.nih.gov/Funding/Training>

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