

FINANCIAL SUPPORT

Qualified post-doctoral candidates can compete for financial support if funding is available.

HCTRECD NIH-R25 AWARD

The NIH-R25 Hispanic Clinical and Translational Research Education and Career Development Award (HCTRECD) was established in 2003 as an initiative from the School of Medicine and the School of Health Professions from the MSC, UPR and is partially supported by NIH Award Number HCTRECD R25MD007607 from the National Institutes on Minority Health and Health Disparities (NIMHD). The mission of this NIH-R25 Award is to provide the scholars the opportunity to integrate courses with a mentor-based research experience to become clinical and translational researchers.

This award covers registration fee, research expenses and travel expenses for the first and second year. It may include salary support upon availability of funds. The candidate selected to participate of the R25 Award has to meet all application requirements of the MSc program.

HISPANICS-IN RESEARCH CAPABILITY (HiREC) ENDOWMENT AWARD

The HiREC Award was established in 2011 as an initiative from the School of Medicine and the School of Health Professions from the MSC, UPR and is partially supported by NIH Award Number S21 MD001830 from the NIMHD. The mission of HiREC Endowment is to expand and sustain high quality clinical and translational research training program and research infrastructure that will enhance minority health and increase health disparities research activities. One of the strategies by which HiREC fulfill its mission is by providing support to candidates admitted to the MSc program that do not meet the eligibility requirements of time after doctoral degree to receive an NIH R25 Award.

HiREC offers an award to cover financial assistance that can be applied to: registration fee, travel expenses and other academic related expenses for the first and second year of the scholar. The candidate selected to participate of the HiREC Award has to meet all application requirements of the MSc program.

ENDOWED HEALTH SERVICES RESEARCH CENTER (EHSRC) AWARD

The EHSRC was established in 2002 at UPR School of Medicine, and it is supported by NIH Award numbers 5S21MD000242 and 5S21MD000138 from the NIMHD. This Endowed Center is aimed to strengthen and build research capacity and infrastructure to facilitate health disparities research. Its focus and scope is to enhance the research agenda relative to the health disparities that impact Hispanics.

The EHSRC offers an award to cover financial assistance that can be applied to: registration fee, travel expenses and other academic related expenses for the first and second year of the scholar. The candidate selected to participate of the EHSRC Award has to meet all application requirements of the MSc program.

DENTISTS OF LATIN AMERICA & THE CARIBBEAN REGION AWARD

The Dentists of Latin America & Caribbean Region Award was established in August 2012 as an initiative of the Office of the Assistant Dean of Research and Colgate Palmolive.

This award is for Latin American and Caribbean Region dentists interested in pursuing full-time postdoctoral studies in Clinical and Translational Research. It covers financial assistance that can be applied to tuition, health insurance, and stipend among others. Recipients of this Award must return as a staff member/researcher to an institution or school of dental medicine from their country of origin. Once the postdoctoral degree is completed, candidates must seek support and endorsement, for one of the following: to complete a PhD in Oral Biology, Epidemiology or their field of interest. The PhD must be awarded at a collaborating institution in Latin American, Europe or the United States.

CAPACITY ADVANCEMENT IN RESEARCH INFRASTRUCTURE (CARI) ENDOWMENT AWARD

The CARI Award Is an initiative from the Office of the Assistant Dean of Research from the UPR School of Dental Medicine (UPRSDM) and it offers a research residency to a US Citizen interested in pursuing oral health disparities research in Puerto Rico. The residency covers stipend, among other things.

The candidate selected to participate of the UPRSDM Awards has to meet all application requirements of the MSc program.

GRADUATION REQUIREMENTS

A Master of Science in Clinical and Translational Research degree will be awarded to those scholars that successfully complete:

- All MSc coursework
- A clinical and translational research project
- An oral presentation of research findings to the Medical Sciences Campus community
- An oral or poster presentation in a national/international scientific forum/ meeting/congress of research findings
- Submission of a manuscript as first author to a peer-reviewed scientific journal. This manuscript must have the acknowledgment to the NIMHD R25MD007607 and must comply with NIH public access policy.
- Mentor letter stating completion of IDP goals

OPPORTUNITIES FOR CAREER DEVELOPMENT

The Program is designed to enhance the opportunities to succeed in the increasingly competitive funding environment of academic health research and to lead and manage a productive career in clinical research.



POST DOCTORAL MASTER IN CLINICAL AND TRANSLATIONAL RESEARCH PROGRAM

SCHOOL OF HEALTH PROFESSIONS & SCHOOL OF MEDICINE
MEDICAL SCIENCES CAMPUS • UNIVERSITY OF PUERTO RICO

*Shaping a New Generation of Hispanic Clinical
and Translational Researchers Addressing
Minority Health and Health Disparities!*

2023



This program is partially supported by The National Institutes of Health: Award Number HCTRECD R25MD007607 from the National Institute of Minority Health and Health Disparities.



Scholars 2019



Scholars 2018

ABOUT THE PROGRAM

The Post-doctoral Master of Science in Clinical and Translational Research program is a joint offering between the School of Health Professions and the School of Medicine of the Medical Sciences Campus (MSC), University of Puerto Rico (UPR). It provides the scholars the opportunity to integrate courses with a mentor-based research experience to become independently funded and committed clinical researchers. The program started in 2001 with a NIH-Planning Grant and has received four consecutive funding awards up to January 31st, 2022. The program is partially supported by the National Institutes of Health (NIH) Award number: HCTRECD R25MD007607 from the National Institute of Minority Health and Health Disparities (NIMHD).

The main research areas that are given priority are: cancer, HIV/AIDS, diabetes, infant/maternal health, mental health and drug abuse and addiction including alcohol and tobacco. In addition, we will also consider areas of important disparities among Puerto Ricans such as liver disease, obesity, cardiovascular diseases, respiratory diseases, aging related conditions and oral health.

ADMISSION REQUIREMENTS

- Non refundable application fee
- Medical Sciences Campus Application Form
- Minimal doctoral general grade point average of 3.0
- Two official transcripts
- Two letters of recommendation *
- Applicant must be fluent in the English language
- One-page personal statement *
- Curriculum Vitae
- Biographical sketch
- A two-page research intention letter in one of the clinically relevant health areas*
- Individual Development Plan (IDP)*
- If Applicable, include two Formal Commitment Letters approving 50% release time for the first year and 75% release time for the second year to attend this program
- Interview with the programs' Admission Committee (in English)

* Requires specific format available on the web page of the program.

**DEADLINE TO SUBMIT ALL REQUIRED DOCUMENTS
FOR AUGUST 2023:
WEDNESDAY, MARCH 15, 2023**

ELIGIBLE NIH-AWARD CANDIDATES:

- This award will be offered to the top ranked candidates that qualify
- Candidates must be:
 - In a tenure track position at an academic institution
 - Within seven years of completion of their doctoral degree or 10 years from end of post-graduate clinical training
 - USA citizen or resident

NOTE: Priority will be given to faculty from the Medical Sciences Campus, University of Puerto Rico.

- Relevant clinical degrees:
 - MD, DDS, DMD, DO, OD, ND (Doctor of Naturopathy), PhD and Pharm D, among others.
 - Also individuals with doctoral degree in the following fields can be considered: basic sciences, nursing, clinical psychology, engineering, education, social sciences, economics and other individuals with doctoral degree pursuing clinical and translational research.

ELIGIBLE NON NIH-FELLOW CANDIDATES:

- Any individual with a doctoral degree who doesn't qualify for the NIH Award can apply to the Program.

The maximum number of candidates to be admitted to the post-doctoral Master of Science in Clinical and Translational Research program will be up to five (5) Scholars.

ADMISSION FORMULA

The admission process for the Post-doctoral Master of Science in Clinical and Translational Research is competitive and quantitative. All applicants are evaluated for completeness and adherence to requirements. Applicants meeting all application requirements will be evaluated and ranked according to the admission formula. The admission formula considers three main aspects: 1) General Point Average (GPA) from doctoral degree (10%); 2) Personal and Professional Characteristics (PPC) (45%) and 3) Performance-Based-Interview (PBI) (45%).

PROGRAM'S WEB ADDRESS FOR ALL APPLICATION REQUIRED DOCUMENTS:

<http://eps.rcm.upr.edu/post-doctoral-master-of-science-in-clinical-and-translational-research/>

SPECIALIZED CURRICULUM

The specialized competency-based curriculum consists of a total of 30 semester credits to be completed in two years. A didactic core component of 24 semester credits and a research component is equivalent to a one-year research project and 6 semester credits.

Through distance learning modality the program's curriculum is designed to meet the need for formal academic training in quantitative, qualitative, and other methodological principles of clinical research, including patient-oriented research, epidemiologic and behavioral studies, outcomes research, and health services research. The principles and practices of adult learning theory and of problem-based learning will be applied to better ensure that graduates will become competent lifelong self-directed learners. Graduates of the post-doctoral program will be trained to plan original clinical research with adequate sample size, sampling methods, well-defined diagnostic criteria, and effective control of confounding variables.

PROGRAM COURSES

Code	Course Title	Credits
INCL 6005	Introduction to Clinical and Translational Research	2 credits
INCL 6016	Informatics Application in Clinical Research	1 credit
INCL 6041	Biostatistics in Clinical and Translational Research I	2 credits
INCL 6042	Biostatistics in Clinical and Translational Research II	2 credits
INCL 6047	Epidemiology in Clinical and Translational Research	3 credits
INCL 6025	Bioethics and Regulatory Issues in Clinical and Translational	2 credit
INCL 6085	New Frontiers in Clinical and Translational Research	1 credit
INCL 6056	Clinical and Translational Research Protocol Development	2 credits
INCL 6055	Introduction to Clinical Trials	1 credit
INCL 6075	Bioanalytical Methods in Clinical and Translational Research	2 credits
INCL 6045	Introduction to Bioinformatics and Medical Genomics	1 credit
INCL 6017	Introduction to Biomedical Informatics	1 credit
INCL 6008	Health Disparities: A Translational Research Approach	2 credits
INCL 6009	Scientific Communications in Clinical and Translational Research	2 credits
INCL 6007	Gender Considerations in Clinical and Translational Research	1 credit (E)
INCL 6006	Introduction to Health Services	1 credit (E)
INCL 6095	Research Component	6 credits

(E) Elective

DOCUMENTS SUBMISSION

Oficina Central de Admisiones/ Research Program

P. O. Box 365067 San Juan, P. R. 00936-5067

FOR MORE INFORMATION, PLEASE CONTACT:

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