Clinical & Translational Research

The Master of Science in Health Sciences (MSHS) and the Graduate Certificates in Clinical and Translational Research (CTR) or Clinical Research Practice (CRP) prepare the graduate to understand, practice or lead broad interdisciplinary research initiatives. The evolving paradigm of translational research is aimed at accelerating the application of laboratory-based scientific discoveries to improve patient and community health.

The programs provide an excellent combination of core and tailored curriculum to further enhance each graduate's value in or understanding of a translational research environment. Courses, practicum, projects, and mentored experiences are collectively designed to develop basic, biomedical, clinical, community health services and health policy research into an integrated manner of approaching human health research in the future.

The CTR programs are designed to build collaborative team-based and leadership qualities and give the student the experience of working in teams remotely, simulating actual translational research activities in a global environment. As a leader in providing distance education programs for professional in a number of disciplines, we capitalize on this strength and deliver the core courses with the program through our state-of-the-art distance education platform. The flexibility of the distance education environment allows students to continue to meet their personal and professional obligations while still pursing their educational goals.

GW has been a leader in providing academic programs for the clinical research profession for over a decade. We take advantage of the excellence of our faculty, our industry connections, and our proximity to major public health agencies, regulators, and research centers to offer this academic program designed for anyone interested in obtaining advanced understanding of clinical and translational research initiatives.

Curricula

MSHS
(36 credit hours; 3 credits each)
CRA 6201 Critical Analysis of Clinical Research
CRA 6205 Clinical Investigation
HSCI 6261 Foundations in Translational Research
HSCI 6263 Biostatistics for Clinical & Translational Research
HSCI 6264 Epidemiology for Clinical & Translational Research
HSCI 6265 Grantsmanship in Translational Research
HSCI 6273 Bioinformatics for Genomics
HSCI 6275 Transdisciplinary Research Proposal
HSCI 6285 Collaborative and Team Science
Electives (chosen with academic advisor)

GRADUATE CERTIFICATE in CTR
(21 credit hours; 3 credits each)
CRA 6201 Critical Analysis of Clinical Research
CRA 6205 Clinical Investigation
HSCI 6261 Foundations in Translational Research
HSCI 6265 Grantsmanship in Translational Research
HSCI 6275 Transdisciplinary Research Proposal
HSCI 6285 Collaborative and Team Science
Elective (chosen with academic advisor)

GRADUATE CERTIFICATE in CRP
(18 credit hours; 3 credits each)
CRA 6201 Critical Analysis of Clinical Research
CRA 6205 Clinical Investigation
HSCI 6263 Biostatistics for Clinical & Translational Research
HSCI 6264 Epidemiology for Clinical & Translational Research
HSCI 6273 Bioinformatics for Genomics
Elective (chosen with academic advisor)
Apply for Admission

ADMISSIONS REQUIREMENTS
All applicants are required to complete an online application as well as submit the following supporting documents:

• Official transcripts from all previous academic institutions
• Two letters of recommendation
• Current resume
• A personal statement

The George Washington University or Children’s National Medical Center faculty should contact the program for additional admission requirements.

Admitted students may begin their course of study during the Summer or Fall semester.

COSTS AND FUNDING
Current information concerning tuition, fees, and other estimated expenses can be found at colonialcentral.gwu.edu.

REQUIRED TESTS
Students are not required to complete the Graduate Entrance Examination (GRE) for admission. Applicants whose native language is not English or who are not citizens of countries where English is the official language are required to submit scores from either TOEFL or IELTS. Please visit the Admissions website for more detailed information.

Connect

Amy King, MDE
Director of Academic Operations
2100 Pennsylvania Avenue, NW, Suite 300
Washington, DC 20037

202-994-2619
202-994-0870
aking1@gwu.edu