



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 pursuing 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)

CML 6203 Information Quality and Outcomes
CRA 6201 Critical Analysis of Clinical Research
CRA 6205 Clinical Investigation
HSCI 6261 Foundations in Translational Research
HSCI 6262 Transdisciplinary Seminar and Practicum
HSCI 6263 Biostatistics for Clinical & Translational Research
HSCI 6264 Epidemiology for Clinical & Translational Research
HSCI 6265 Grantsmanship in Translational Research
HSCI 6275 Transdisciplinary Research Proposal
Electives (chosen with academic advisor)

Master's | Graduate Certificate

The Graduate Programs in Clinical and Translational Research build upon our institutional academic strengths in health policy research, clinical research, and basic and biomedical research into a curriculum that affords each student an opportunity to develop a customized program of study designed to enhance her/his current knowledge, skills and abilities as a researcher or stakeholder in the translational research enterprise.

MSHS IN CLINICAL & TRANSLATIONAL RESEARCH

Students in the MSHS in Clinical & Translational Research Program must successfully complete 36 credit hours. These include: credit hours of coursework in the field of CTR, health care research courses, and courses selected with the objective of broadening the candidate's translational research capabilities.

GRADUATE CERTIFICATE IN CLINICAL & TRANSLATIONAL RESEARCH

The Graduate Certificate in CTR requires the successful completion of 21 credit hours of coursework from the translational and health care research curriculum. The certificate capitalizes on the prerequisite courses of the MSHS in CTR degree to prepare the graduate with the requisite skills to conduct clinical research in collaboration with sponsored research programs.

GRADUATE CERTIFICATE IN CLINICAL RESEARCH PRACTICE

The Graduate Certificate in CRP requires the successful completion of 18 credit hours of coursework from the translational and health care research curriculum. The certificate capitalizes on the foundational courses of clinical research, health informatics, epidemiology, and biostatistics to prepare the graduate with the requisite knowledge and skills to conduct clinical research in collaboration with sponsored research programs.

healthsciences.gwu.edu

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 6262 Transdisciplinary Seminar and Practicum
HSCI 6265 Grantsmanship in Translational Research
HSCI 6275 Transdisciplinary Research Proposal
Elective (chosen with academic advisor)

GRADUATE CERTIFICATE in CRP

(18 credit hours; 3 credits each)

CML 6203 Health Information Quality & Outcomes
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
Elective (chosen with academic advisor)

THROUGHOUT THE PROGRAM STUDENTS WILL

- **Develop a broad foundation and understanding** of the philosophies and practices of clinical and translational research in human health.
- **Lead and collaborate** with other scientists, clinicians, investigators on translational research teams.
- Develop **strategies for health care improvement** initiatives.
- **Evaluate clinical research processes and standards** for protecting human subjects
- **Develop translational research proposals** in collaboration with professionals from other disciplines.

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

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