

Certificate in the Fundamentals of Clinical Research



ICTR

UW Institute for Clinical and Translational Research



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

WHAT IS CLINICAL RESEARCH?

Clinical research is scientific – evidence-based – research in patient-centered clinics. It could include the study of patient populations or data, specific methods of treating patients, or the clinical tools used to provide that treatment.

It could include analyzing outcomes, behavior, diagnoses, managed care, or clinical trials. What the studies have in common is interaction with patients.

Clinical research can be designed in a variety of ways to address questions in community-based and managed care-based research.

WHO IS THE TYPICAL CERTIFICATE EARNER?

Working health professionals earn the Capstone Certificate in the Fundamentals of Clinical Research. So do students who are simultaneously earning a Professional Degree (DVM, PharmD, MD, DDS, DPT) or a Graduate Degree (PhD, MS, MPT).

The Certificate provides physicians, veterinarians, pharmacists, nurses, biomedical engineers and other health care professionals with a foundation in research methods and analysis, study design, and ethical conduct.

HOW LONG DOES IT TAKE TO EARN THE CERTIFICATE?

Students complete the Certificate in an average of just under 2 years.

WHAT COURSES ARE REQUIRED?

The Certificate in the Fundamentals of Clinical Research requires at least 13 credits.

- Introduction to Biostatistics, 3 credits
- Introduction to Epidemiology, 3 credits
- Introduction to Clinical Trials I, 3 credits
- Introduction to Clinical Trials II, 3 credits
- Responsible Conduct of Research, 1 to 2 credits

The courses draw on the complementary strengths of academic partners in ICTR:

- School of Medicine and Public Health
- School of Nursing
- School of Pharmacy
- College of Engineering
- School of Veterinary Medicine.

Each class is taught by outstanding faculty in Population Health Sciences; Biostatistics and Medical Informatics; Pharmacy; Veterinary Surgical Sciences; Oncology; Obstetrics and Gynecology; and Medical History and Bioethics.



"The experiences I gained through the Certificate in the Fundamentals of Clinical Research opened many doors for my future. It provided additional challenge within my education, opportunities to work closely with other health professionals and faculty, and placed me in a great position to pursue pharmacy residencies and fellowships, as well as future careers as a clinical investigator."

Kalynn Rohde, PharmD
Completed Certificate in 2013

Certificate in the Fundamentals of Clinical Research

CAREER PATHS

The knowledge and skills acquired while earning the Certificate in the Fundamentals of Clinical Research can be applied to jobs in private industry, including pharmaceutical companies, insurers and managed care organizations; government agencies; non-profit organizations; academic institutions; and a range of local to international organizations.

WHO ADMINISTERS THE CERTIFICATE?

The Graduate Program in Clinical Investigation administers the Certificate in the Fundamentals of Clinical Research. The graduate program is part of the Research Education & Career Development core of the Institute for Clinical and Translational Research (ICTR) at UW-Madison.

The Capstone Certificate was first offered in 2001 in the UW-Madison Department of Biostatistics. In 2007, it moved to the REC core of ICTR. The Graduate Program in Clinical Investigation was subsequently established in 2009. Both programs are housed in ICTR REC.

WHAT IS ICTR?

The Institute for Clinical and Translational Research is part of a national consortium of research institutes funded by the National Institutes of Health with the common goal of advancing research discoveries – or “translating” them – to patients and various health care settings.

ICTR members at the University of Wisconsin and Marshfield Clinic (an ICTR partner) have accumulated numerous success stories from their “bench to bedside” efforts.

More than 2,000 academic and community investigators as well as research staff are members of UW ICTR. Members have access to resources such as biostatistics and medical informatics consultations; scientific editing; community engagement and research services; the clinical research unit at UW Hospital and Clinics; and discounted laboratory and imaging services.

HOW TO APPLY

Certificate students apply to the program through Continuing Studies if they have no current student relationship with the University. Students in graduate or professional school apply using a form that can be requested through the program (see right).

ADMISSIONS DEADLINES

Prospective certificate earners may apply any time, for admission year-round.

TUITION

Certificate earners pay the Health Professional tuition rate. The rate is determined by Wisconsin residency and number of credits. Tuition rates can be viewed at the Office of the Registrar: registrar.wisc.edu/tuition_&_fees.htm



Certificate in the Fundamentals of Clinical Research

Program Office

2112G
Health Sciences Learning Center
Madison, Wisconsin 53705
608.262.3768

Email

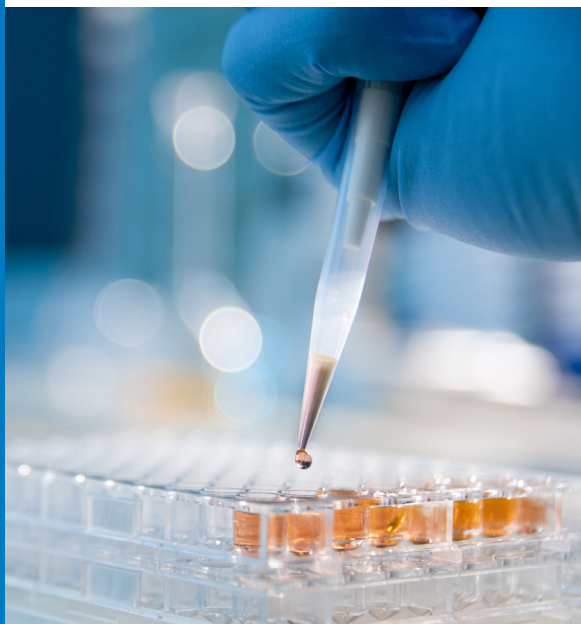
REC-Education@hslc.wisc.edu

More Information

For more detailed Certificate and Admissions information: <https://ictr.wisc.edu/CapstoneAdmissionReq>

For more Information about the Graduate Program in Clinical Investigation, see <https://ictr.wisc.edu/GraduateProgram>

For more information about ICTR, see ictr.wisc.edu



“The certificate in the Fundamentals of Clinical Research, along with other training and mentoring through ICTR, provided the support and resources I needed to collect preliminary data that led to a funded grant from the National Institute on Disability & Rehabilitation Research.”

Mary Sesto, PhD, PT
Associate Professor
Completed Certificate in 2008