

Certificate in Clinical and Community Outcomes Research



ICTR

UW Institute for Clinical and Translational Research



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

WHAT IS CLINICAL AND COMMUNITY OUTCOMES RESEARCH?

Clinical and community outcomes research looks into ways to translate what has been learned in controlled settings into positive outcomes in clinical practice and community health (translational research).

This research requires the ability to:

- form and manage research partnerships with communities and organizations;
- consider multiple factors that interact to influence a community or organization;
- evaluate whether a health intervention or prevention method works or will be used; and
- articulate policy implications of health issues and interventions.

The Certificate in Clinical and Community Outcomes Research focuses on the development of these skills.

The Certificate addresses a well-documented gap in what should be a continuum between basic health and medical research discoveries and the application of those discoveries in clinical and public health practice. To bridge this gap, new discoveries must move beyond efficacy studies to research that tests effectiveness in real-world settings, exploring factors that facilitate or impede positive health outcomes. This research requires engagement among community members, organizations, clinicians and researchers as partners in the research process and draws on a distinct set of skills. This certificate focuses on the development of skills to engage successfully in clinical and community health outcomes research.

GRADUATE, PROFESSIONAL AND CAPSTONE CERTIFICATES

Graduate, professional and Capstone students may enroll in the Certificate program. (Course requirements are the same for all.)

- The Graduate Certificate is for students currently enrolled in any of the approved graduate programs at UW-Madison. It is intended to supplement basic research training.¹
- The Professional Certificate is for students enrolled in professional programs at UW-Madison: Doctor of Medicine (MD), Doctor of Pharmacy (PharmD), Doctor of Veterinary Medicine (DVM), Juris Doctorate (JD), Master of Public Health (MPH), and Doctorate in Nursing Practice (DNP).
- The Capstone Certificate is for students who enroll as “Capstone” students (not degree-seeking graduate students). These students seek to “cap off” their undergraduate training or are professionals seeking specialized training.

¹ **NOTE TO UW PhD STUDENTS:** PhD students may want to start their Certificate program early enough to be finished before they start their dissertation because University policy states: “If a dissertator wants to add a program (typically a master’s program) or a certificate program, he/she cannot hold dissertator fee status while pursuing a graduate degree (or certificate) in a field other than the PhD program. Dissertators who add a program or a certificate program must enroll and pay fees as a regular graduate student.”



“I would recommend this program to other students, particularly if they are doing implementation research, or as I call it, research where you might actually realize changes and improvements in outcomes in your lifetime! It forced me to explore research methods and concepts that I would not have sought out on my own. Turns out there are a lot of things in this world you didn’t realize you didn’t know until you learn them!”

Stacy Walz, PhD
Department Chair and
Assistant Professor
Clinical Laboratory Sciences
Arkansas State University–Jonesboro
Completed the Certificate in 2013

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CURRICULUM¹

Course	Credit Hours
1. POP HLTH 709 - Translational and Outcomes Research in Health and Health Care (It is recommended students have at least one or two courses in research design and/or analysis before taking this course.)	3
2. Choose one course from each of two elective areas	
1). Working with Communities	2-3
2). Qualitative Methods Relevant to Translational and Outcomes Research	3
3. Project	2
4. Seminar	1-2
TOTAL CREDIT HOURS	11-13

The Certificate in Clinical and Community Outcomes Research curriculum consists of four courses and one project for a total of 11-to-13 credit hours. Depending on your course load, you may be able to complete course requirements within two years.¹ Certificate requirements are flexible in that you may propose qualifying courses to be considered as elective credit and you may adapt your master's or PhD project to meet the project requirement.

¹ See additional details including sample curricula and suggested electives at ictr.wisc.edu

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).

"I learned the importance of involving end-users right from the start of the research project. Their involvement enhances the entire research experience from ensuring that the research question/topic is pertinent, increasing the participation in the project, and ensuring the success of translating your research findings into clinical practice. I also learned the benefits of mixed methods research – using both quantitative and qualitative research methods to more completely examine your research question."

Jennifer Weiss, Assistant Professor
Division of Gastroenterology and Hepatology
Department of Medicine, University of Wisconsin
School of Medicine and Public Health
Awarded the Certificate in Spring 2014

"I have learned the importance of building and, perhaps more importantly, maintaining relationships with various research and community partners and the integral role these long-standing relationships will play in my program of research. The training I received in translational and outcomes research has provided me with the knowledge and skills I need to build effective, lasting research partnerships."

Andrea Gilmore-Bykovskiy, PhD, Nursing
Assistant Professor, School of Nursing
University of Wisconsin-Madison
Awarded the Certificate in Spring 2014



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"I augment my dissertation quantitative analysis by interviews with health care providers and patients, in order to achieve a better understanding from the target population's perspective. Thanks to the Certificate training I received, I'm aware of the gap between data analysis results and what happened in the real settings, and the importance of working together with the stakeholders."

Jia Pu, PhD, Health Outcomes Researcher at Palo Alto Medical Foundation Research Institute, Palo Alto, California.
Completed Certificate in 2013



Photo: Bryce Richter/UW-Madison University Communications