

Certificate in Implementation Science and Community Health Outcomes



Institute for Clinical and
Translational Research

UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH

WHAT IS IMPLEMENTATION SCIENCE AND COMMUNITY HEALTH OUTCOMES RESEARCH?

Implementation science and community health outcomes research support methods that promote the systematic uptake of research findings and translation of what has been learned in controlled settings into real world clinical practice.

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 Implementation Science and Community Health Outcomes 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.”



“Researchers can fall into a trap of thinking that they know what the right question is, and thinking the community will want to know the same thing. If you don’t do community engaged work, you run into the risk of asking the wrong question. If you want to do work that’s useful for the community and for practitioners, you need to make sure that your question is THEIR question.”

-Marissa Abbott, PhD, MPH.
Awarded the certificate in 2020.

Certificate in Implementation Science and Community Health Outcomes

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 and Implementation Science	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 Implementation Science and Community Health Outcomes 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/certificate-research-programs/

HOW TO APPLY

Please review the Application and Admission section of the ISCHO Handbook, available at: <https://ictr.wisc.edu/certificate-research-programs/>

"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

"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



Certificate in Clinical and Community Outcomes Research

Certificate program director:
Barbara King, PhD, RN, APRN-BC, FAAN
Contact:
Deidre Vincevneus
Institute for Clinical and Translational Research

vincevneus@wisc.edu
PH: 608.263.3274

ictr.wisc.edu

"In order to move from just defining health disparities in specific populations to closing them, you need to have the skills to work with community stakeholders that are already engaging with these populations on the ground. This program helped me develop those skills"

Meghan Brennan, MD, MS
Infectious Disease Faculty
UW Madison School of Medicine and Public Health
Awarded the certificate in 2019



Photo: Bryce Richter/UW-Madison University Communications