Information on Type 2 Translational Research

www.ictr.wisc.edu

What is translational research?
There are two types of translational research commonly referred to: Type 1 translational research is the process of applying discoveries generated during research in the laboratory and preclinical studies to the development of human trials (“bench to bedside”).

Type 2 translational research questions ask how to translate new and existing findings into improvements in clinical practice and community health (e.g., taking what we know and turning it into what we do). It includes research that determines whether findings from efficacy studies are applicable in typical community settings or tests strategies to implement effective interventions more widely. Type 2 translational research often engages community members, organizations, and clinicians as partners in the research process.

How does UW ICTR promote Type 2 Translational Research?
ICTR promotes Type 2 translational research through its Community-Academic Partnerships Core (often referred to as ICTR-CAP). ICTR-CAP seeks to increase incentives and reduce barriers to developing research partnerships that address Type 2 research questions. ICTR-CAP offers resources for identifying collaborators (within the University and community partners throughout the State of Wisconsin), designing research questions and supporting research studies, pilot funding to facilitate preliminary data collection and/or analysis, and educational and training opportunities.

More specifically, Community-Academic Partnership Core associated faculty and staff can provide assistance:
- Locating researchers and/or communities with similar interests
- Identifying funding opportunities
- Providing direction, support, and collaboration on NIH or other peer-reviewed proposals
- Locating sources of data for research
- Identifying community-based study sites
- Access to pilot funds
- Identifying educational opportunities in community-based research
Accessing Research Resources for Type 2 Translational Research

Accessing resources to support Type 2 translational research can be initiated by completing a “Community Research Consult Request” form on the ICTR website homepage, www.ictr.wisc.edu.

This form will ask you information about your research project or ideas and other information that will allow staff to identify resources or collaborations that will help you in your research efforts. Once contact has been made, interested parties can receive a free initial consultation and will be placed on mailing lists to be notified of additional opportunities (e.g., pilot funding, workshops, seminars, etc.).

Consultation - A basic level of consultation is available to encourage and facilitate formulation of research ideas. Advice may be related to a pre-application activity. This limited consultation is available free of charge. This policy is to enhance translational science at UW and at Marshfield Clinic and to encourage faculty, especially new investigators, to seek input at the earliest stage when this input is most critical. Our philosophy is that successful consultations often turn into collaborative relationships in which ICTR and Community Research resources and investigators are an integral part of the research team.

Collaboration - Projects that require more extensive ongoing support are expected to provide separate funding through individual grants and contracts, usually by including effort, salary, and computing support for the ICTR resource faculty and staff. Collaborative efforts often result in co-authorship of papers in scientific journals.

How to access Type 2 Translational research resources:

1. Complete an ICTR-CAP Consult Request form
   http://www.ictr.wisc.edu/?q=node/100
   If you have a specific project in mind, please be prepared to attach a two-page summary of the project, addressing:
   ✓ Rationale for your research question
   ✓ Objectives and/or hypotheses
   ✓ Methods (data sources, types of data you will collect, sample size)
   ✓ What you hope to do with the results (e.g., publish, seek funding, evaluate a program, improve patient care)
   ✓ Funding status (currently funded, seeking funding, do not plan to seek funding)
   ✓ Human subjects approval status
   ✓ Description of activities for which you are requesting assistance

2. Complete an ICTR Membership form through the ICTR web page. If you seek ICTR investigator membership, please be prepared to attach your NIH biosketch. (Those seeking trainee, affiliate, staff, or community membership do not need a biosketch.)

3. If you wish to learn more about Type 2 translational research, an annotated bibliography is available on the Health Innovation Program web site (www.hip.wisc.edu).

UW ICTR Partners
School of Medicine and Public Health • School of Nursing • School of Pharmacy • School of Veterinary Medicine • College of Engineering • Marshfield Clinic
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UW ICTR Research Resources for Type 2 Translational Research

**Goal:** To develop resources and support research that examines the effectiveness and dissemination/implementation of interventions in diverse populations, clinical practices and health delivery systems.

The following complementary organizations within the UW-Madison system work to support the wide variety of Type 2 translational research studies.

The **Health Innovation Program (HIP)** supports the development of clinical health services research projects that rely on collaboration with local and statewide health systems. HIP focuses specifically on projects that examine the effectiveness of interventions in practice (using experimental or quasi-experimental designs). HIP also has significant expertise in utilizing local health system data for research purposes. [http://www.hip.wisc.edu](http://www.hip.wisc.edu)

The **Office of Continuing Professional Development, R&D Unit (OCPD R&D)** supports studies of educational and organizational interventions to increase adoption of evidence-based clinical practices. OCPD R&D offers consultations and opportunities on collaborative projects. [http://www.ocpd.wisc.edu/Research_And_Development](http://www.ocpd.wisc.edu/Research_And_Development)

The UW Pharmacy School’s **Sonderegger Research Center (SRC)** supports studies that target improved decision-making and communication within the patient-clinician encounter, specifically regarding medication use. Audio/visual equipment and software are available for direct observation studies, as well as assistance with human subjects protocols, grant reviews, and dataset documentation. [http://www.pharmacy.wisc.edu/src](http://www.pharmacy.wisc.edu/src)

The **Systems Engineering Initiative for Patient Safety (SEIPS)** supports collaborative patient safety research using human factors and health systems engineering methods and tools. Topics include health information technology, pediatric safety, medication safety, transitions of care, and system redesign and intervention. In addition, SEIPS offers access to a bibliographic patient safety database, a seminar series, and a short course on patient safety. SEIPS also offers a Certificate in Patient Safety through the Graduate School. [http://www2.fpm.wisc.edu/seips](http://www2.fpm.wisc.edu/seips)

The **Wisconsin Network for Health Research (WinHR)**, is a collaborative effort involving the UW School of Medicine and Public Health, Marshfield Clinic Research Foundation, Aurora Health Care Center for Urban Population Health and Gundersen Lutheran Medical Foundation. WinHR was established to promote greater inter-institutional cooperation in research and move research results to the bedside more efficiently and effectively. [http://www.ictr.wisc.edu/node/164](http://www.ictr.wisc.edu/node/164)

The **Wisconsin Research and Education Network (WREN)** is a statewide, primary care, practice-based research network that seeks to improve health outcomes for the people of Wisconsin through education and through promoting and conducting primary care research in partnership with primary care clinicians and the communities they serve. [http://www.fammed.wisc.edu/research/wren](http://www.fammed.wisc.edu/research/wren)
Type 2 Translational Research Pilot Program
Program Overview

For more information, contact adearlove@wisc.edu, or 608.262.7125

I. THE INSTITUTE FOR CLINICAL & TRANSLATIONAL RESEARCH—COMMUNITY ACADEMIC PARTNERSHIPS CORE

The mission of ICTR is to create an environment that facilitates the transformation of research into a continuum extending from investigation through discovery to translation into practice. Created in 2007 with funding from National Institutes of Health and the UW School of Medicine and Public Health, ICTR is a partnership of the following UW academic units—Medicine and Public Health, Nursing, Pharmacy, Veterinary Medicine, and the College of Engineering—as well as the Marshfield Clinic. ICTR includes core resources for education and training, biostatistics, bioinformatics, laboratory research, clinical trials, and community-oriented research.

As one of the core components of the Institute, ICTR’s Community Academic Partnerships Core (ICTR-CAP) seeks to support research partnerships that solve problems in translating new and existing knowledge into improvements in clinical practice and community health. ICTR-CAP is composed of researchers and research networks from ICTR partnering schools actively engaged in Type 2 translational research and training. Applicants for pilot funds are encouraged to explore collaborative opportunities with ICTR-CAP resources.

II. 2008 GOALS OF THE TYPE 2 TRANSLATIONAL RESEARCH PILOT PROGRAM

The goal of this ICTR-CAP funding program is to support research that discovers the best ways to translate new and existing findings into improvements in clinical practice and community health. This research often engages community members, organizations, and clinicians as partners in the research process and we highly encourage these collaborative relationships. Please note that this program does not fund projects that propose to translate findings into practice but that do not have a significant research component.

III. NEXT RFA RELEASED: Spring 2009

IV. 2008 AWARDS

In 2008, ICTR-CAP awarded two rounds of funding, supporting 18 Type 2 translational research grants. Funding levels for 2009 have yet to be determined. Funds are intended to support direct costs for 12 months of support. Pilot projects may be an extension of other work, but cannot overlap with any funded project or be used as bridging support for projects for which funding has lapsed. Matching resources are encouraged and can be monetary or non-monetary (letters of support are required that detail matching resources).
V. 2008 ELIGIBILITY REQUIREMENTS

Applicants must:

✓ Have applied for membership to ICTR at www.ictr.wisc.edu (click on Membership).

✓ Be employed by UW-Madison or Marshfield Clinic. Employment with UW-Madison can mean either sole employment or jointly-appointed faculty (e.g., to both UW’s School of Medicine and Public Health and UW Milwaukee).

✓ Have the following status at the UW-Madison or Marshfield
  o UW-Madison faculty member (tenure track, CHS, or clinical), OR
  o Academic staff with permanent PI status, OR
  o Individual or institutional career development award recipient (e.g., K08, K12), OR
  o Marshfield Clinic investigator.

✓ Have well-developed plans for using the results of this study to pursue an externally-funded research program.

VI. HIGHLIGHTED CRITERIA FOR THE 2008 TYPE 2 PILOT PROGRAM

In 2008, proposals were evaluated on various criteria including those listed below:

1. Overall scientific excellence, significance and innovation of research proposal
2. Advancement of Type 2 translational research goals
3. Likelihood of leading to new peer-reviewed funding
4. Targeted research collaborations: Interdisciplinary collaboration; Junior-Senior Investigator collaboration; Marshfield collaboration
5. Novel Methodologies
6. Community collaborations
7. Collaborations with one of the ICTR or Community-Academic Partnership Core programs
8. Targeted projects: Child health, health disparities or HIV/AIDS research