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Objectives

• Understand the role the ITHS may have in your career development, scholarship, and teaching at ISU

• Recognize and find resources available to all ITHS members
Translational Research

Translational research includes two areas of translation. One is the process of applying discoveries generated during research in the laboratory, and in preclinical studies, to the development of trials and studies in humans. The second area of translation concerns research aimed at enhancing the adoption of best practices in the community. Cost-effectiveness of prevention and treatment strategies is also an important part of translational science.
**Goal:** Human Health Improvements

- **T0** Identify problems, opportunities and approaches
- **T1** Discovery or foundational research
- **T2** Health application to assess efficacy
- **T3** Health practice; science of dissemination and implementation
- **T4** Evaluation of health impact on real world populations
What is the ITHS?

- “Dedicated to speeding science to clinic practice for the benefit of patients and communities throughout Washington, Wyoming, Alaska, Montana, Idaho, and beyond.”
- Clinical and Translation Science Award (CTSA)
- Partnerships between scientists, clinicians, and communities
What is the ITHS?

Overview of the ITHS
What We Offer

Accelerating Research. Improving Health.

- Community Engagement
- Consulting and Services
- Research Units
- Funding
- Tools
- Education and Training
  - Career Development Series

Translational Research Units
Gene & Cell Therapy Lab
Education and Training

• Faculty Career Development Series
  – ITHS Career Development

• Self-Directed Learning
  – ITHS Self-Directed Learning Material

• Post-Doctoral Training
  – Translational Research Scholars Program
  – Others
Tools

- Mentoring Tools
  - Mentoring

- Electronic Tools
  - Research Electronic Data Capture (REDCap)
  - Data QUEST
    - Find IT Tool
Clinical Research Networks

• WWAMI Practice and Research Network (WPRN)

• Northwest Participant and Clinical Interactions (PCI) Network
  – Build successful research collaborations
  – Expand capacity for investigator–initiated research
ITHS Research Services

• Clinical Trials Consulting
• Biostatistics
• Recruitment Support
• Data and Safety Monitoring
• Trial Innovation Network
• Participateinresearch.org
• ResearchMatch
ITHS Accelerator

• Clinical Trials Center

• Facilitate the design and conduct of high-quality clinical trials
  – Coordinated and synergistic center to offer support to clinical trial research teams

• Consultative Support
ITHS PILOT AWARDS

- ITHS Early Investigator Catalyst Awards – Supporting Research Efforts of Junior Investigators
  *Open for applications*

- ITHS Early Investigator Voucher Awards – Supporting Research Efforts of Junior Investigators
  *Open for applications*

- ITHS Academic/Community Partnership Research Awards – Supporting Collaborations Between Academic and Community Investigators
  *Application period closed*

- ITHS Collaboration Innovation Awards – Engaging New Teams
  *Application period closed*

- ITHS Research Innovation Award – Improving the Conduct of Clinical Trial Research
  *Application period closed*

- ITHS Translational Pilot Award with a Special Emphasis on Diabetes – Improving the Health of Patients with Diabetes
  *Open for applications*
EARLY INVESTIGATOR CATALYST AWARDS - SUPPORTING RESEARCH EFFORTS OF JUNIOR INVESTIGATORS.

The ITHS is offering Early Investigator Catalyst Award program is designed to provide “just-in-time” resources to investigators looking to complete a project or collect pilot data for a larger grant application. Investigators can receive a maximum of $5,000 (direct costs only) toward the purchase of supplies or core services not provided by ITHS. Early Investigator Catalyst Awards are available for IRB or IACUC approved or exempt investigations in support of outstanding translational research.

**KEY DATES**

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<th>Submission Deadlines</th>
<th>July 1, 2017</th>
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**FOCUS OF RFA**

In your proposal, please describe

- How this work will address a critical transition anywhere along the translational path from basic laboratory research to a disseminated diagnostic or therapeutic use
- How this award would provide critical funds needed to finish a project that would otherwise be unfinished
- How this award is a timely opportunity that will help you achieve a research goal that might otherwise not be possible
- How your research has led to an exciting translational research question that could form the basis of a new grant
EARLY INVESTIGATOR VOUCHER AWARDS - SUPPORTING RESEARCH EFFORTS OF JUNIOR INVESTIGATORS.

The ITHS is offering Voucher Awards as “in-kind” service vouchers in support of outstanding translational research. Our goal is to provide translational research studies with critical support needed for a project. Most facilities/resources that provide services on a fee-for-service basis are eligible for participation in this program (see table below). These services are tailored to meet the specific needs of each investigator and can include assistance with biostatistics, bioethics, research coordination, data and safety monitoring, regulatory monitoring, biomedical informatics, or clinical support. Research involving human subjects or animals must have their IRB and/or IACUC protocols approved or have proof of exemption in order to be eligible for this award.

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**FOCUS OF RFA**

In your proposal, please describe

- which service voucher you are requesting from the table below,
- how this service voucher would assist your project,
- how this work will address a critical transition anywhere along the translational path from basic laboratory research to a disseminated diagnostic or therapeutic use, and
- how this voucher is a timely opportunity that will help you achieve a research goal that might otherwise not be possible.
JOIN ITHS

OVERVIEW

Institution *
Select an Option

Name *

First
Last

Academic Degrees Completed *
Click to select.

Directory Listing Name *
Use this field to control how your name appears in our directory listings. Be sure to include your first name, middle initial (if desired), last name, and all credentials.
Example: John M. Doe, MD, PhD

SITE CREDENTIALS

User Name *
Please use only lowercase letters (a-z) and numbers.

Email address *
Please enter your institutional email address.

Password *
The password that you create must reach the minimum level

WHY JOIN ITHS?
Members of ITHS are part of a unique catalyst that accelerates discoveries to practice.

BENEFITS
Membership also includes the following benefits:

01 ACCESS
ITHS members are able to access the different research services, resources, and tools offered by ITHS to the five-state WWAMI region. Members also enjoy access to the ITHS Research Navigator to secure guidance and support in traversing the clinical and translational research process.

02 EDUCATION AND TRAINING
ITHS members have access to a variety of workforce development and mentoring programs. Members can also apply for formal pre- or post-doctoral training such as the ITHS TL1, KL2, and Rising Stars programs.

03 FUNDING
ITHS members can apply for local and national pilot grant and other funding opportunities. ITHS also offers letters of support to members for their own research funding applications.

04 COLLABORATION
ITHS members are part of a community of collaborators who seek out opportunities to engage in team science. As part of the ITHS community, members can connect with collaborators across the Clinical and Translational Science Award consortium. As part of ITHS, you also become a member of the
Questions?

Research on Medical Practices (RoMP)