Please keep your microphone muted until the Q&A session

RESEARCH AND FACULTY DEVELOPMENT
FACULTY SUCCESS SEMINAR SERIES

Wendy Hessler, MA, Proposal Development Specialist / MW CTR-IN Concierge, Office of Research and Faculty Development

Expert Guest: Shiyi Chen, PhD, Assistant Professor, Family and Consumer Science / MW CTR-IN Pilot Grant Awardee

Please note that this session is being recorded
HOUSEKEEPING ITEMS

- This seminar is being recorded
- Please stay muted until the Q&A portion at the end of the seminar
- Type questions into the chat box and these will be addressed during the Q&A portion
- We will send the presentation to all attendees next week
OFFICE OF RESEARCH AND FACULTY DEVELOPMENT

- We provide proposal development assistance across the spectrum*
- Meet goals in the U of I’s strategic plan – grow research and creative efforts across all disciplines
- Reach out to discuss ideas and request services - www.uidaho.edu/orfd

*Not including budget preparation

All services are optional and are granted on a first come, first served basis
OBJECTIVES

IN THIS SESSION, WE’LL DISCUSS:

1. Mountain West Clinical and Translational Infrastructure Network (MW CTR-IN) Program
2. MW CTR-IN Funding Opportunities
3. Application Process
4. U of I Success Rate
5. Q&A with Shiyi Chen, Assistant Professor, Family & Consumer Science
**MW CTR-IN: PART OF NIH IDeA**

- **Institutional Development Award (IDeA)** program builds research capacities in 23 states and Puerto Rico with historically low levels of NIH funding.

- Administered by the National Institute of General Medical Sciences (NIGMS).

- Supports basic, clinical and translational research, faculty development, infrastructure improvement.

- Includes **INBRE**, **COBRE**, **IDeA-CTR**.

- **MW CTR-IN** is an IDeA-CTR program:
  - A 5-year NIH award to UNLV.
  - Funded through 2023.
MW CTR-IN MISSION

Provides funding support and resources in clinical and translational research at 13 partner universities across 7 Mountain West IDeA states

Mission to:

- Build clinical and translational research capacity
- Facilitate extramural funding success
- Facilitate cross-disciplinary and cross-institutional collaborations at partner institutions
- Improve the health of residents in the Mountain West region

Resources include: Pilot grants / Trainings / Mentoring / Biostatistical support / Mock proposal reviews
MW CTR-IN PROGRAM PRIORITIES

SUPPORTS CLINICAL OR TRANSLATIONAL RESEARCH

1. Clinical research is research with human subjects that is:
   - Patient-oriented research
   - Epidemiological or behavioral studies
   - Outcomes or health services research

2. Translational research according to MW CTR-IN:
   - Translation of basic science to early testing in humans
   - Early phase clinical trial; efficacy; and establishment of clinical guidelines
   - Implementation and dissemination research
   - Outcomes and effectiveness research

3. Preclinical research - the animal and cell culture studies done before human testing - are not supported by the pilot grant programs.
MW CTR-IN FUNDING PROGRAMS

- Single Institution Pilot Grants
- Multi Site Pilot Projects (MSPP)
- Developmental Translational Team Grants (DTTG)
SINGLE INSTITUTION PILOT GRANTS

PURPOSE

- Provides early career investigators with funding to capture preliminary data that will support and inform a competitive R-level grant application to NIH or other extramural funding source

- **2021 Guidelines** anticipated release in late November

- Funding priorities from prior years include:
  - Mental health, suicide prevention, substance abuse
  - Obesity, metabolic conditions, food security issues
  - Health disparities of major diseases and health conditions [e.g., cardiovascular, metabolic, CNS, etc.]
SINGLE INSTITUTION PILOT GRANTS

ELIGIBILITY

1. Have a faculty appointment with a minimum of 0.5 FTE support at a participating CTR-IN institution
2. Must be eligible to submit extramural grant applications as PI
3. Must devote at least 20% effort (2.4 person months) to the Pilot Grant project
4. Per IDeA program policy, an awardee may not concurrently receive funding for their research program through another IDeA mechanisms (CTR, COBRE or INBRE)
SINGLE INSTITUTION PILOT GRANTS

DETAILS

1. Pilot project must be clinical or translational research.

2. PI must devote at least 20% effort (2.4 months) and no more than 50%.

3. Single PI; $60K direct for 1 year; F&A limited to 10%.

4. Requested funds are for up to half of the PI effort. The other half is covered through institutional support in the form of teaching release, salary support, or other mechanism.

5. Collaborations with non-IDeA state institutions are allowed as a fee-for-service but not as a subcontract.
SINGLE INSTITUTION PILOT GRANTS

3-STEP APPLICATION PROCESS

- **Limited Submission**: U of I nominates up to 4 applicants who are selected through an internal competition:
  - PIs submit a Notice of Intent and a Concept paper (Summary, Biosketch, Other Support form)

- **Nominating packet**: Selected nominees submit materials to MW CTR-IN.
  - A 1-page summary – is research clinical or translational?
  - An NIH biosketch and an Other Support document
  - A signed letter of institutional support for half of the PI’s effort

- **Full application**: MW CTR-IN invites nominees to submit a full application
**SINGLE INSTITUTION PILOT GRANTS**

**FULL APPLICATION REQUIREMENTS**

- Full application requirements mirror an NIH R01 application
  - Cover page form
  - 1-page Specific Aims
  - 4-page research strategy, references cited
  - IRB approval
  - Mentor’s letter of support
  - Detailed budget
  - Budget justification
  - Select NIH forms (Human subjects form, senior/key personnel, etc.)
SINGLE INSTITUTION PILOT GRANT

SPECIAL CONSIDERATIONS FOR APPLICATIONS

- OSP submits nominating packets and applications to MW CTR-IN portal
- **Institutional Review Board (IRB)** approval letter or a plan for obtaining approval is required
  - Contact Jennifer Neelon, IRB Coordinator, irb@uidaho.edu
- **Biostatistician** is required
- **Mentor** for support and guidance is required
- **Budget** must include costs for the PI and the mentor to attend the CTR-IN Annual Meeting In Las Vegas in June
- For more, see MW CTR-IN’s [FAQ webpage](#)
PILOT GRANT (SINGLE INSTITUTION)
TIMELINE AND ANTICIPATED SUBMISSION DATES

CANDIDATE SELECTION PROCESS

Notice of Intent to RFD

Concept Papers to RFD

Nominating Packets to MW CTR-IN

Full Application to MW CTR-IN

Deadline: Oct 26, 2020
(all 5:00 p.m. PT)

Nov 16, 2020

Jan 15, 2021

Apr. 9, 2021
MULTI-SITE PILOT PROJECT (MSPP)

PURPOSE

To provide support for multi-site CTR research with the expectation that the project will yield preliminary data and capacity building to facilitate a large-scale multi-site extramural grant application or other extramural grant funding opportunities.

2021 Guidelines anticipated in late November.

Funding priorities from prior years include:

- Mental health, suicide prevention, substance abuse
- Obesity, metabolic conditions, food security issues
- Health disparities of major diseases and health conditions [e.g., cardiovascular, metabolic, CNS, etc.]
MULTI-SITE PILOT PROJECT (MSPP)

ELIGIBILITY

1. Have a faculty appointment with a minimum of 0.5 FTE support at a participating CTR-IN institution
2. Must devote at least 20% effort (2.4 person months) to the project
3. Must be eligible to submit extramural grant applications as PI
4. Per IDeA program policy, an awardee may not concurrently receive funding for their research program through other IDeA mechanisms (CTR, COBRE or INBRE)
5. Lead PI should have a track record of extramural funding for clinical research in the area of the proposed research project
MULTI-SITE PILOT PROJECT (MSPP)

DETAILS

- Project must include at least 3 MW CTR-IN institutions: The Lead PI from one state and at least two (preferably 4) collaborating site institutions/site co-PI(s) from 2 other MW states
- $90K - $150K direct costs for 1 year; 2nd year competitive renewal
- U of I nominates 1 application; MW CTR-IN invites full application

Boise State University
Idaho State University
Montana State University
New Mexico State University
University of Alaska, Anchorage
University of Alaska, Fairbanks
University of Hawaii
University of Montana
University of New Mexico HSC
University of Nevada Las Vegas
University of Nevada Reno
University of Wyoming
MULTI-SITE PILOT PROJECT

TIMELINE AND ANTICIPATED SUBMISSION DATES

CANDIDATE SELECTION PROCESS

Notice of Intent to RFD

Concept Papers to RFD

Nominating Packets to MW CTR-IN

Full Application to MW CTR-IN

Deadline: Oct 26, 2020

(all 5:00 p.m. PT)

Nov 16, 2020

Jan 22, 2021

Apr. 16, 2021
DEVELOPMENTAL TRANSLATIONAL TEAM GRANT (DTTG)

PURPOSE AND DETAILS

- Funded by MW CTR-IN & Idaho INBRE, which administers the application process
- Supports a collaboration between a clinical investigator and a basic science or pre-clinical investigator for a project “proof-of-concept” as a basis for an extramural application (for example, NIH, NSF, DoD, or USDA)
- $20K direct costs ($10K for each investigator) for 6 months
- For team building, hypothesis generation, and capture of preliminary data
- Does not fund new human subject research or data collection but can support analysis of samples collected under a previously approved IRB protocol
DEVELOPMENTAL TRANSLATIONAL TEAM GRANT (DTTG)

ELIGIBILITY

1. A clinical investigator from U of I, BSU or ISU collaborating with a basic science or preclinical investigator both with faculty appointments at Mountain West CTR-IN institutions in Idaho.

2. Cannot be a PI on an IDeA award from another IDeA program (i.e., CTR, COBRE or INBRE) or a current recipient of another Idaho INBRE funding award.

3. Guidelines for the 2021 cycle were released October 30, 2020.
DEVELOPMENTAL TRANSLATIONAL TEAM GRANT (DTTG)

TIMELINE AND SUBMISSION DATES

CANDIDATE SELECTION PROCESS

Funding Opportunity Announcement → Applications due to Idaho INBRE → Project start/end dates

Deadline: Oct 20, 2020
Feb 1, 2021
Jun 1 – Nov 1, 2021

Note: Idaho INBRE administers the application process. Refer to the Idaho INBRE website for more information.
## U OF I FUNDING SUCCESS

<table>
<thead>
<tr>
<th>FY</th>
<th>College</th>
<th>Department</th>
<th>Type</th>
<th>Title</th>
<th>Amount Awarded</th>
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<tbody>
<tr>
<td>2020</td>
<td>CEHHS</td>
<td>Movement Sciences</td>
<td>Pilot</td>
<td>Development of a fitness surveillance system to track and evaluate</td>
<td>$65,470</td>
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<td></td>
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<td>obesity prevention efforts in Idaho youth</td>
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<td>2020</td>
<td>CALS</td>
<td>Margaret Ritchie School of Family</td>
<td>Pilot</td>
<td>Determining the Impact of Emotive Intelligent Space through Real-Time</td>
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<td></td>
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<td>and Consumer Sciences</td>
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<td>Emotion Detection on Improving Young Children’s Mental Health and</td>
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<td>Cognitive Performance</td>
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<td>2020</td>
<td>CALS</td>
<td>Margaret Ritchie School of Family</td>
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<td>Reducing Maternal Stress in Mothers of Preterm Infants Using a</td>
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<td>Mindfulness-based Intervention</td>
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<tr>
<td>2019</td>
<td>CEHHS</td>
<td>Movement Sciences</td>
<td>DTTG</td>
<td>Addressing Health Disparities Among Rural Adolescents in Idaho:</td>
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<td>Promoting Lifelong Physical &amp; Mental Health</td>
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<tr>
<td>2019</td>
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<td>Physiological &amp; Psychological Health Disparities Among Rural &amp; Urban</td>
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<td>2018</td>
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<td>Natural Resources and Society</td>
<td>Pilot</td>
<td>Perception of Lead Contamination, Behavioral Intent, and Rural Health</td>
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<td>2017</td>
<td>COE</td>
<td>Biological Engineering</td>
<td>Pilot</td>
<td>MRI-based Biomarkers for Amyotrophic Lateral Sclerosis</td>
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<td>2017</td>
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<td>Mulligan Concept Intervention for Pregnancy Related Pelvic Girdle</td>
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<td>2015</td>
<td>COS</td>
<td>Mathematics</td>
<td>Pilot</td>
<td>Mathematical Modeling Acetaminophen-Induced Liver Injury to Assess</td>
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<td>Need for Transplant</td>
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<td>2015</td>
<td>CLASS</td>
<td>Psychology and Communication</td>
<td>Pilot</td>
<td>Lighten up: Modifying postural state to reduce fall risk in older</td>
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<td>Pilot</td>
<td>Exercise and c-reactive protein in young, overweight and obese</td>
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<td>Family Consumer Science</td>
<td>Pilot</td>
<td>Effectiveness of Child Centered Nutrition Phrases to Improve Food</td>
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<td>Behaviors</td>
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UI/CTR WORKING GROUP

JOIN THE LISTSERVE

For those interested in clinical translational research

Facilitate connections, data collection/sharing and collaborations

Join the listserve

- Email whessler@uidaho.edu
- In subject line: UI/CTR List ADD
Q & A WITH DR. SHIYI CHEN

- Assistant Professor, Family and Consumer Science
- 2020 Pilot Grant Awardee

THANK YOU FOR ATTENDING!
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<thead>
<tr>
<th>FALL 2020</th>
<th>SPRING 2021</th>
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<tr>
<td><strong>Sept. 9</strong></td>
<td><strong>Jan. 13</strong></td>
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<tr>
<td>NSF Research Traineeship (NRT) Program: Tips for Writing a Competitive Proposal</td>
<td>Find Funding Opportunities: Introduction to Pivot</td>
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<td><strong>Sept. 23</strong></td>
<td><strong>Jan. 27</strong></td>
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<td>NSF CAREER All Year: Getting Ready to Apply</td>
<td>Funding Research and Scholarly Work in the Humanities</td>
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<td><strong>Sept. 30</strong></td>
<td><strong>Feb. 3</strong></td>
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<td>NSF EPSCoR RII Track-2: Tips for Writing a Competitive Proposal</td>
<td>Idaho is an EPSCoR State - What This Means for Supporting Your Research</td>
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<td><strong>Oct. 7</strong></td>
<td><strong>Feb. 17</strong></td>
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<td>Find Funding Opportunities: Introduction to Pivot</td>
<td>How to Develop and Deliver an Effective Pitch</td>
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<td><strong>Oct. 21</strong></td>
<td><strong>Mar. 3</strong></td>
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<td>NSF CAREER All Year: Getting Started on Your Proposal</td>
<td>Assessing Your Grant Readiness</td>
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<td><strong>Nov. 4</strong></td>
<td><strong>Mar. 24</strong></td>
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<td>UPDATE: Mountain West Clinical and Translational Research-Infrastructure Network (MW CTR-IN) Funding Opportunities</td>
<td>Early Career Faculty Research - Grant Programs</td>
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<td><strong>Nov. 18</strong></td>
<td><strong>Apr. 7</strong></td>
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<td>Myth-busting Department of Defense Funding Opportunities</td>
<td>USDA NIFA AFRI: Tips for Getting Started with Your Next Proposal</td>
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<td><strong>Dec. 2</strong></td>
<td><strong>Apr. 14</strong></td>
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<td>M. J. Murdock Trust's Commercialization Initiation Program: Tips for Writing a Competitive Proposal</td>
<td>Developing Data Management Plans - Best Practices and Resources</td>
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<td><strong>Apr. 28</strong></td>
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<td>Equipment Grant Programs: An Overview</td>
<td>uidaho.zoom.us/j/95865360877</td>
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</tbody>
</table>

**FACULTY SUCCESS SEMINARS**

**Office of Research and Faculty Development**

Email: ored-rfdteam@uidaho.edu
Website: uidaho.edu/orfd

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RESOURCES

- FAQs: [http://ctrin.unlv.edu/faq-2/](http://ctrin.unlv.edu/faq-2/)
- Pilot Grant FOA: [http://ctrin.unlv.edu/foa-pilot-grant/](http://ctrin.unlv.edu/foa-pilot-grant/)