Kasiska Division of Health Sciences

2018 Fall Opening Assembly
Agenda

• Update from CTR-IN – Dr. Parvesh Kumar
• Introductions
• University changes
• Divisional marketing
• Budget updates
• Planning and directions
Orientation to the MW CTR-IN Program

Parvesh Kumar, MD
Principal Investigator, MW CTR-IN
Professor and Chair, Department of Radiation Oncology
Director, Cancer Program
Vice Dean of Research
University of Nevada, Las Vegas School of Medicine
Background

1. IDeA (Institutional Development Award) States
   ❖ States -- Comparably low rates of NIH Funding vs. Other States (n=23)

2. IDeA Programs
   ❑ COBREs (Centers for Biomedical Research Excellence)
     • Established in 1993
     • Led by NIH funded Senior Investigator
     • Supports Thematic-based Multi-Disciplinary Research (Phases I-III)
   ❑ INBREs (IDeA Networks of Biomedical Research Excellence)
     • Established in 2001
     • Supports Intra-State Networks – Build / Expand Research Infrastructure
   ❑ CTR-INs (Clinical and Translational Research Infrastructure Networks)
     • Established in 2011
     • Support Development / Expansion of Intra- and Inter-State Research Infrastructure for CTR to increase NIH / Federal Extramural Grant Funding
“IDeA” States

❖ N=23 States & Puerto Rico
National CTR-IN Programs

N = 10
Mountain West CTR-IN Program

❖ The MW CTR-IN Program
✧ Partners – 13 Major U.S. Public Universities
✧ 7 MW IDeA States
✧ Largest CTR-IN Program in U.S.
✧ Encompasses 1/3rd U.S. Land Mass &
  ≈ 1/3rd of IDeA States
✧ Recently Refunded: Aug. 2018 – June 2023
➢ $20M over 5 Years
Summary of MW CTR-IN Grant Renewal:

A. Submitted 8 Sections – 1030 Pages
   1. Overall
   2. Administrative Core
   3. Professional Development (PD) Core
   4. Biostatistics, Epidemiology, and Research Design (BERD) Core
   5. Community Engagement and Outreach (CEO) Core
   6. Pilot Projects Program (CP3) Core
   7. Tracking and Evaluation (T&E) Core
   8. Alterations & Renovations

B. Involved 38 Letters of Support / Commitment
   ➢ 13 MW VPR Commitments -- 35 of New CTR Faculty over 5 years
   ➢ 5 Year Commitment ≈ $23.275M!!

∴ Equivalent of Simultaneously Submitting 8 R01 Grants!!
**MW CTR-IN University Partners**

**Alaska**
1. University of Alaska, Anchorage
2. University of Alaska, Fairbanks

**Hawaii**
3. University of Hawaii at Manoa – *Professional Development (PD) Core*

**Idaho**
3. Boise State Univ. (Boise)
4. Idaho State Univ. (Pocatello)
5. University of Idaho (Moscow)

**Montana**
7. Montana State University (Bozeman)
8. University of Montana (Missoula) – *Pilot Proj. Prog. (CP3) & CEO Cores*

**Nevada**
9. Univ. of Nevada, Las Vegas – *Administrative (Host) & T&E Cores (Yrs. 6-10)*
10. University of Nevada Reno – *PD Core*

**New Mexico**
11. New Mexico State University (Las Cruces)
12. University of New Mexico – HSC (Albuquerque) – *PD & BERD Cores*

**Wyoming**
13. University of Wyoming – *CP3 Core*
MW CTR-IN Program: Years 6 – 10

MW CTR-IN Program Cores

❖ Increased Cores from 4 → 6

➢ Current Cores
  ♦ Administrative
  ♦ CP3 (Pilots Projects Program)
  ♦ BERD (Biostatistics, Epidemiology, Research, and Design)
  ♦ PD (Professional Development)

➢ New Cores
  ♦ T&E (Tracking & Evaluation)
  ♦ CEO (Community Engagement & Outreach)
MW CTR-IN Program: Years 6 – 10

Overall Themes

❖ CTR Focused on Health Disparities
❖ Priority Development of Junior Faculty Investigators
❖ Provide Leadership to other MW IDeA Programs
Mountain West CTR-IN Program

What Research does the CTR-IN Program Fund?

➢ Research related to human beings or communities
➢ Likely to lead to extramural grant funding
MW CTR-IN Program: Years 6 – 10

Programs & Support: Faculty Research Investigators

❖ Pilots Project Program (CP3) Core – Health Disparity Focused CTR
  ➢ Multi-Site Pilot Projects -- $100,000 / year
  ➢ Developmental Translation Team Grants (DTTG) -- $20,000 / year
    ♦ CTR-IN & INBRE Co-Funded Grants
  ➢ Single Investigator Pilot Grants -- $60,000 / year
MW CTR-IN Program: Years 6 – 10

Programs & Support: Faculty Research Investigators

❖ Professional Development (PD) Core
  ➢ Mentoring & Consultation
    ✧ Formal & “Just-In-Time”
    ✧ Individualized “IDPs”
  ➢ “Advance To Funding” Program
  ➢ “Grant Writing Workshops”
  ➢ Enhanced Education Videos

❖ Biostatistics, Epidemiology, Research and Design (BERD) Core
  ➢ Data Coordinating Center
  ➢ Continue Providing Biostatistical Support Services for PG Awardees
**Pilot Grants: Univ. Distributions (Years 1 – 5)**

Idaho State University = 9  
University of Montana = 9  
University of Nevada, Las Vegas = 9  
Boise State = 7  
Montana State University = 6  
University of Nevada, Reno = 8  
New Mexico State University = 6  
University of Alaska Fairbanks = 4  
University of Idaho = 6  
University of Wyoming = 6  
University of Alaska Anchorage = 3  
University of New Mexico HSC = 5  
University of Hawaii (Manoa) = 5  

**Total = 83**
**UPDATED Summary “Outcomes” of Awarded Pilot Grants (Years 1-4)**

<table>
<thead>
<tr>
<th>Type of Award</th>
<th>Award Parameter</th>
<th></th>
<th></th>
<th>“CTR-IN” Extramural Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. of Awards</td>
<td>Funding Awarded</td>
<td>Extramural Awards (#)</td>
<td></td>
</tr>
<tr>
<td>Pilot Grants</td>
<td>69</td>
<td>$4.62M</td>
<td>29</td>
<td>$37.77M* (ROI = 817%)</td>
</tr>
</tbody>
</table>

*Verified Data*
Pilot Grant Awardees by Degree

*Including PharmD*
Pilot Grant Awardees by University Academic Rank

- Instructor/Assistant Professor: 43 (52%)
- Associate Professor: 19 (23%)
- Professor: 21 (25%)
### Number of CTR-IN Pilot Grants Funded by Schools / Disciplines at the MW Universities

<table>
<thead>
<tr>
<th>MW CTR-IN PARTNER UNIVERSITIES</th>
<th>TOTAL PILOT GRANTS AWARDED</th>
<th>MEDICINE</th>
<th>NURSING</th>
<th>ALLIED &amp; OTHER HEALTH DISCIPLINES (Dental, Pharm., Public Hlth, Nutr., Phys. Therapy)</th>
<th>SOCIAL WORK &amp; PSYCHOLOGY</th>
<th>LIFE / COMMUNICATION SCIENCES</th>
<th>COMPUTER &amp; MATHEMATICAL SCIENCES &amp; ENGINEERING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Univ. of AK - Anchorage</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>Univ. of AK - Fairbanks</td>
<td>4</td>
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<td></td>
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<tr>
<td>Boise State University</td>
<td>7</td>
<td>1</td>
<td>1</td>
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<td>2</td>
<td>2</td>
<td>1</td>
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<tr>
<td>Idaho State University</td>
<td>9</td>
<td>1</td>
<td>2</td>
<td></td>
<td>1</td>
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<td>5</td>
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<td>University of Idaho</td>
<td>6</td>
<td></td>
<td>3</td>
<td></td>
<td>1</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Univ. of Hawaii, Manoa</td>
<td>5</td>
<td>3</td>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Montana State Univ.</td>
<td>6</td>
<td>1</td>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>University of Montana</td>
<td>9</td>
<td></td>
<td>4</td>
<td></td>
<td>3</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>New Mexico State Univ.</td>
<td>6</td>
<td></td>
<td>2</td>
<td></td>
<td>2</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Univ. of New Mexico</td>
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<td>4</td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>UNLV (HOST)</td>
<td>9</td>
<td>1</td>
<td>1</td>
<td></td>
<td>5</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Univ. of Nevada, Reno</td>
<td>8</td>
<td>1</td>
<td></td>
<td></td>
<td>3</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>University of Wyoming</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td><strong>TOTAL PILOT GRANTS</strong></td>
<td><strong>83</strong></td>
<td><strong>9 (11%)</strong></td>
<td><strong>6 (7%)</strong></td>
<td><strong>29 (35%)</strong></td>
<td><strong>10 (12%)</strong></td>
<td><strong>22 (27%)</strong></td>
<td><strong>7 (8%)</strong></td>
</tr>
</tbody>
</table>
Updated -- MW CTR-IN Awardee Publications by Year Published (As of May 2018)
### Summary -- Impact of the MW CTR-IN Program -- MW Clinical and Translational Research Infrastructure

<table>
<thead>
<tr>
<th>Areas of Impact</th>
<th>BEFORE MW CTR-IN Program</th>
<th>MW CTR-IN Program / Resources</th>
<th>CTR-IN Transformative Impact on MW Region / Univ.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical &amp; Translational Research</td>
<td>No Regional Research Organization to Facilitate CTR Proposals</td>
<td>• Implemented PG(s): Single &amp; MSPP to stimulate Investigator Initiated Clinical Research</td>
<td>• Seeded a culture of Clinically Oriented Research in the MW Region</td>
</tr>
<tr>
<td></td>
<td></td>
<td>♦ CP3 Core</td>
<td>• Stimulated Investigator Initiated Clinical Research</td>
</tr>
<tr>
<td></td>
<td></td>
<td>♦ PD Core</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>♦ BERD</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>♦ Administrative Core</td>
<td></td>
</tr>
<tr>
<td>Clinical &amp; Translational Research Faculty Development</td>
<td>No Regional Infrastructure Focused on Development of Faculty for CTR</td>
<td>• Conducted 6 GWWs</td>
<td>• Established regional infrastructure for faculty professional development &amp; “Grantsmanship”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Initiated ATF Prog. &amp; Mentorship</td>
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<tr>
<td></td>
<td></td>
<td>• Developed 31 Web-Based Training Videos / Courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>♦ PD Core</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>♦ Administrative Core</td>
<td></td>
</tr>
<tr>
<td>Cross-Collaborations Among the MW Universities to Stimulate CTR Collaborations</td>
<td>No Venue for Cross Collaborative Research Opportunities and/or Networking among the 13 MW Universities</td>
<td>• Admin. Core: Hosted 5 Annual MW Meetings &amp; Partnership with MW Research Consortium</td>
<td>• 1st MW Regional IDeA Programs PIs Leadership Meeting: Collaborative opportunities (i.e. DTTG funding)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• CP3 Core: Implemented MSPPs in Yr 5</td>
<td>• Provided leadership to 13 MW Univs. &amp; MW IDeA Prog. = Collaboration &amp; Cooperation</td>
</tr>
<tr>
<td>Clinical Research Design and Biostatistics</td>
<td>No Regional Infrastructure to Support Rigorous Research Design and Biostatistics Expertise</td>
<td>• Supported / Funded Biostatisticians from 13 MW Univ. Partners</td>
<td>• CTR-IN support is crucial for continuing biostatistics services: 7 of 13 MW Univs. have only 1 Biostatistician</td>
</tr>
<tr>
<td></td>
<td></td>
<td>♦ BERD</td>
<td>• Biostatisticians instrumental in transforming a culture of CTR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>♦ Admin. Core</td>
<td></td>
</tr>
<tr>
<td>Research Area</td>
<td>PG Awardee University - Discipline</td>
<td>Title of Pilot Grant</td>
<td>Extramural Grant Title</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------------------------------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Health Disparity</td>
<td>Suzanne Christopher Held, PhD</td>
<td>Understanding treatment adherence and health promoting behaviors of individuals with chronic disease on the Crow Reservation</td>
<td>Improving Chronic Illness Management with the Apsaalooke Nation: The Baaniilaa study</td>
</tr>
<tr>
<td></td>
<td>MSU, Health &amp; Human Development</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Disparity</td>
<td>Mingzhou Song, PhD</td>
<td>Genome-wide nonparametric functional dependency studies across ethnic populations</td>
<td>Molecular Network Inference via Nonparametric Functional Dependencies</td>
</tr>
<tr>
<td></td>
<td>NMSU, Computer Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Obesity</td>
<td>Blakely Brown, PhD</td>
<td>Developing and pilot testing parent education activities within a childhood obesity prevention after-school program</td>
<td>Partnerships to Prevent Childhood Obesity on the Flathead Indian Reservation</td>
</tr>
<tr>
<td></td>
<td>UM, Health &amp; Human Performance</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>UW, Electrical &amp; Computer Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neurologic / CNS</td>
<td>Bracher Poston, PhD</td>
<td>Cerebellar transcranial direct current stimulation for Parkinson's Disease</td>
<td>Long-Term Transcranial Direct Current Stimulation In Parkinson's Disease</td>
</tr>
<tr>
<td></td>
<td>UNLV, Kinesiology &amp; Nutrition Science</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**BERD Core: CTRIN Univ. Biostatistics Support ≥ 0.15 FTE**

Idaho State University  
University of Montana  
University of Nevada, Las Vegas  
Boise State  
Montana State University  
University of Nevada, Reno/UNSOM  
New Mexico State University  
University of Alaska Fairbanks  
University of Idaho  
University of Wyoming  
University of Alaska Anchorage  
University of New Mexico HSC  
University of Hawaii (Manoa)
Community Engagement & Outreach Core: “Boots on the Ground” Model

Idaho State University
University of Montana
University of Nevada, Las Vegas
Boise State
Montana State University
University of Nevada, Reno/UNSOM
New Mexico State University
University of Alaska Fairbanks
University of Idaho
University of Wyoming
University of Alaska Anchorage
University of New Mexico HSC
University of Hawaii (Manoa)
Pilot Grants = 9  Mini Grants = 3

Total Research Investment:
PGs + MGs + Biostatistics = $740,610
4th Annual MW CTR-IN Meeting: May 2017
5th Annual MW CTR-IN Meeting: June 2018
ACKNOWLEDGEMENTS

✧ Pilot Grant Awardees
✧ Faculty of the MW Universities
✧ MW University Partners
✧ Executive Committee Members
✧ Administrative Core Staff
✧ IAC & EAC Members
✧ UNLV Leadership

THANK YOU!
A WARM WELCOME TO OUR NEW COLLEAGUES
Kasiska Division of Health Sciences

Bill Woodhouse
Associate Dean for Graduation Medical Education and Professional Relations
Kasiska Division of Health Sciences

Mary van Muelken
Grant Writer and Program Manager
Meridian

Sherepta McLeod
Administrative Assistant II
Meridian

Nicole Ruesch
Administrative Assistant I
Meridian

Greg Fischer
Customer Service Representative I-Testing Center
Meridian

Dana Gaudet
Assistant Director, Enrollment and Student Services
Meridian

David Anes
Instructional Media Specialist, A&P Laboratory
Meridian

Kristin Whitman
Health Sciences Librarian
Pocatello

Benjamin Bolin
Health Sciences Librarian
Alyssa Lynott
Registered Dietitian
Nutritionist
College of Health Professions

Laura McKnight
Dean
College of Health Professions and College of Rehabilitation and Communication Sciences

Beth Garner
Administrative Assistant II
Community and Public Health

Diana Schow
Visiting Assistant Professor
Counseling

Logan Lamprecht
Meridian Clinic Manager
Dental Hygiene

Mary Monson
Administrative Assistant I
Dental Hygiene

Jessica August
Assistant Professor
Barbara Gordon
Director and Clinical Assistant Professor
Dietetics

Jenifer Reader
Clinical Assistant Professor
Emergency Services

Rachel Azzarito
Educational Coordinator
Family Medicine

Eric Jensen
Clinical Assistant Professor and Teaching Hospitalist
Family Medicine and College of Pharmacy

Jordan Ferro
Clinical Assistant Professor
Physician Assistant Studies

Corbin Bunnage
Clinical Assistant Professor
Physician Assistant Studies

Rachel Smetanka
Clinical Assistant Professor
Physician Assistant Studies

Heather O’Donnell
Office Specialist 2
Physician Assistant Studies

Mary O’Byrne
Office Specialist 2
College of Pharmacy

Chris Owens
Interim Dean
College of Pharmacy

Amy Paul
Clinical Assistant Professor
Alaska
College of Pharmacy

Renee Robinson
Associate Professor
Alaska
College of Pharmacy

Luke Rice
Director of Office of Experiential Education
College of Pharmacy

Prabha Awale
Clinical Assistant Professor
Pocatello
College of Pharmacy

Cassandra Tack
Experiential Education Coordinator
Pocatello
College of Pharmacy

Nancy Herrick
Administrative Assistant II
Pocatello
College of Pharmacy

Denice Gardner
Part-Time Office Specialist
Meridian
College of Nursing

Anita Smith
Dean and Professor
Tina Mladenka
Clinical Professor and DNP Coordinator
College of Nursing

Mikel Cosens
Clinical Assistant Professor
College of Nursing

Kristy Crownhart
Clinical Assistant Professor
College of Nursing

Linda Hensley
Clinical Assistant Professor
College of Rehabilitation and Communication Sciences

Kathleen Kangas
Dean
Communication Sciences and Disorders

Chris Sanford
Chair and Associate Professor
Audiology

Deborah Vieira
Clinical Assistant Professor
Speech Language Pathology

Connie Miller
Clinical Assistant Professor
Speech Language Interpreting

LaVona Andrew
Clinical Assistant Professor
Physical and Occupational Therapy

Carla Green
Administrative Assistant II
Physical and Occupational Therapy

Luke Lovell
Interactive Video Conferencing Classroom Specialist
President Kevin Satterlee

- Job #1: Improve Morale
  - Our role
- His address: available on YouTube
- ISU Video
  [https://www.dropbox.com/s/nsh79cpikyieiki/Fall%20Address%20-%20Final%203.mp4?dl=0](https://www.dropbox.com/s/nsh79cpikyieiki/Fall%20Address%20-%20Final%203.mp4?dl=0)
- Coffee with Kevin
  [https://www.isu.edu/coffeewithkevin/](https://www.isu.edu/coffeewithkevin/)
- One Thing Campaign [https://www.isu.edu/onething/](https://www.isu.edu/onething/)
Marketing Update

• Presidential initiatives
• DHS Marketing
• Social media
Social Media

CONNECT with us!

Facebook /isuhealthsciences
Twitter /ISUHealthSci
Instagram /ISU_kdhs
Homecoming
September 29, 2018

You are invited to join the KDHS as we celebrate Homecoming 2018 and our recent reorganization!

KDHS Alumni Tailgate and Open House
Sept. 29 | 12-2 pm | ISU Bengal Football Practice Field

RSVP at: https://www.isu.edu/alumni/events/reunions/registration-form/

Visit with President Satterlee, Benny the Bengal, and leadership from the:
College of Nursing, College of Rehabilitation and Communication Sciences,
College of Health Professions, and College of Pharmacy
Branding - Name Tags

Rex W. Force, PharmD
Vice President

Kasiska Division of Health Sciences

Rex W. Force, PharmD
Vice President for Health Sciences
Outcome Based Funding (OBF)

• New funding model approved by SBOE in August
  – Supported by current governor
  – Still requires legislative appropriation

• Complicated metrics to fund a portion of higher ed budget – not final
  – Degrees, underserved students, high impact careers, etc.
2018 Goals

✓ Marketing strategic plan
✓ Statistician/Research Enhancement
  ✓ Grant writing support
✓ Complete Reorganization
✓ Consulting and Conflict of Interest Declarations
✓ Ph.D. in Rehabilitation Science
✓ PT expansion to Meridian
✓ Hire Nursing Dean
2018 Goals – Still Pending

• Program Growth
  – Clinical Psychopharmacology
  – Psychiatry Residency
  – Ph.D. in Rehabilitation Science

• Capital project – Pocatello Interdisciplinary clinic building

• Clinic re-org - Meridian
2019 Planning Priorities

• Quality improvement
  – “If you see something, say something”
  – Permission
  – Mutual accountability

• Workload analyses

• Facilities
  – Interdisciplinary clinic building
  – Meridian expansion

• Hire pharmacy dean
2019 Planning Priorities

• Program expansion
  – OT expansion
  – Nursing growth
  – SLP to Twin Falls
  – MS Nutrition +/- dietetic internship
KDHS Strategic Planning

- Process to begin with committee formation, late Fall 2018
- Darren Blagburn to facilitate beginning in Spring 2019
- Vet and Ratify with faculty mid-Spring 2019
KDHS Important Dates to Remember for Fall 2018