Virtual Grant Writing Workshop (9th Edition)

"Transitioning From Your Pilot Grant To Extramural Funding In Health Disparities & Clinical Translational Research"

Final Results Handbook
June 28-29, 2021

Zoom Virtual Meetings

ALASKA · HAWAII · IDAHO · MONTANA · NEVADA · NEW MEXICO · WYOMING

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MW CTR-IN

Mountain West Clinical & Translational Research Infrastructure Network Program

PROFESSIONAL DEVELOPMENT (PD) CORE

MW CTR-IN OVERVIEW

The Mountain West Clinical & Translational Research Infrastructure Network (MW CTR-IN) Program provides funding support and resources to help faculty at our 13 Mountain West Partner Universities interested in clinical and translational research, become more competitive for extramural funding with the aim of improving the health of the residents of the MW region.

GRANT WRITING WORKSHOP (GWW) PROGRAM LEADERSHIP & STAFF

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Software Engineer II - Applications
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Introduction

The Mountain West Clinical & Translational Research – Infrastructure Network (CTR-IN) Program's Professional Development (PD) Core, successfully concluded its Virtual Grant Writing Workshop (vGWW) themed, "Transitioning from your pilot grant to extramural funding in health disparities & clinical translational research" on June 28-29, 2021. The vGWW was held via Zoom Virtual Meetings, the Objectives and Speakers & Consultants below:

Objectives:

1. To recruit Principal Investigators (PIs) from the Mountain West CTR-IN affiliated Universities for grants on clinical translational research, with an emphasis in health disparities.

2. Inform the PIs on the NIH updates on grant applications.

Speakers & Consultants:

Hyeong Jun Ahn, PhD
Assist. Professor (Specialist), Univ. of Hawaii – John A. Burns SOM, Dept. of Quantitative Health Sciences

Bryce Chackerian, PhD
Jeffrey Michael Gorvetzian Endowed Professor of Biomedical Research, University of New Mexico
Vice Chair, Univ. of New Mexico – School of Medicine – Dept. of Molecular Genetics & Microbiology

Ruben Dagda, PhD (Chair, Grant Writing Workshop)
Associate Professor, Department of Pharmacology, University of Nevada Reno
Associate Director, GWW and Advance to Funding Program Unit, PD Core, MW CTR-IN Program

Merle Kataoka-Yahiro, DrPH, MS, APRN
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Associate Director, Education Unit, PD Core, MW CTR-IN Program

Larissa Myaskovsky, PhD, FAST
Professor, University of New Mexico - School of Medicine (SOM)
Director, Center for Healthcare Equity in Kidney Disease (CHEK-D)
Director, PD Core, MW CTR-IN Program

Curtis Noonan, PhD
Professor of Epidemiology, College of Health Professions and Biomedical Sciences, University of Montana
Director, Pilot Projects Program (CP3) Core, MW CTR-IN Program
Director, Center for Population Health Research (CPHR)

Akshay Sood, MD, PhD
Professor and Miners' Colfax Medical Center Endowed Chair in Mining-Related Lung Diseases
Medical Director, Miners' Wellness Tele-ECHO Clinic
Assistant Dean, Mentoring & Faculty Retention, UNM SOM Office of Faculty Affairs & Career Dev.
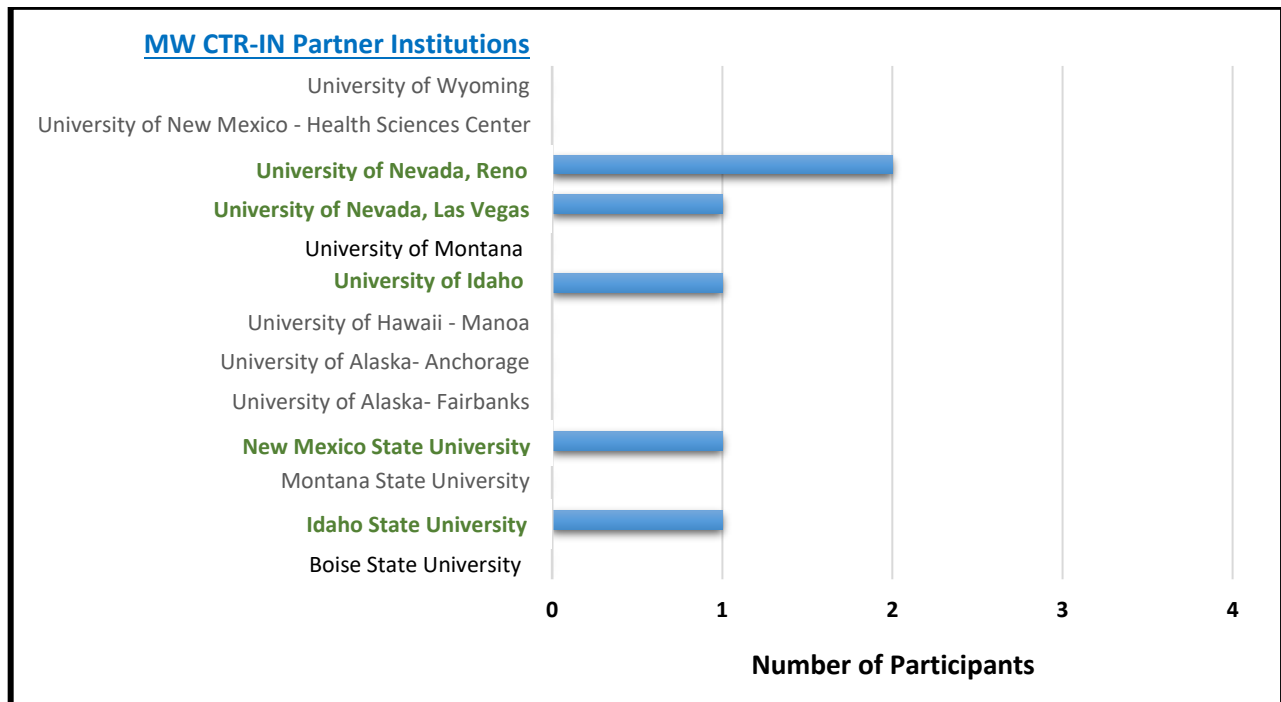Associate Director, Mentoring Unit, PD Core, MW CTR-IN Program

Demographics of GWW Attendees

Please note that the data is based on the overall attendance of *6 Virtual Grant Writing Participants* below:

ACADEMIC RANK

Academic Rank	Count
Professor	
Associate Professor	2
Assistant Professor	4
Instructor	
Research Professor	
Research Associate Professor	
Lecturer	
Administration	
Other* - Affiliate / Adjunct Faculty	
Grand Total Participants	*6*

PRIMARY ACADEMIC AFFILIATION OF GWW ATTENDEES BY MW CTR-IN PARTNER INSTITUTION

MW CTR-IN Partner Institutions

Institution	Number of Participants
University of Wyoming	0
University of New Mexico - Health Sciences Center	0
University of Nevada, Reno	2
University of Nevada, Las Vegas	1
University of Montana	0
University of Idaho	1
University of Hawaii - Manoa	0
University of Alaska- Anchorage	0
University of Alaska- Fairbanks	0
New Mexico State University	1
Montana State University	0
Idaho State University	1
Boise State University	0

POST-WORKSHOP SURVEY RESULTS

OVERALL

#	Question	Strongly Agree N(%)	Agree N(%)	Neither Agree Nor Disagree	Disagree N(%)	Strongly Disagree N(%)	Number of Responses	Average (Strongly Agree = 5)
1	The objectives of the workshop were fulfilled.	5 (83.33)	1 (16.67)	0 (0)	0 (0)	0 (0)	6	4.83
2	I gained a good understanding of the concepts & skills in grant writing after attending the workshop.	5 (83.33)	1 (16.67)	0 (0)	0 (0)	0 (0)	6	4.83
3	The instructional materials (Powerpoint & Interactive Sessions) were relevant to the objectives of the workshop.	4 (66.67)	2 (33.33)	0 (0)	0 (0)	0 (0)	6	4.67
4	I was satisfied with the quality of the review & feedback I received from mentors & MW CTR-IN Leadership.	2 (33.33)	3 (50)	1 (16.67)	0 (0)	0 (0)	6	4.17
5	Overall, my goals for taking this workshop were met.	5 (83.33)	1 (16.67)	0 (0)	0 (0)	0 (0)	6	4.83

POST-WORKSHOP SURVEY RESULTS (CONTINUED)

CONFIDENCE MEASURES

(**0-100** Scale with **0** = *Cannot do at all* ; **100** = *Highly certainly can do*)

WORKSHOP PRESENTATIONS	PRE	POST
Preparing a Specific Aims page	66	78.33
Calculating sample size and power analyses	57.17	72.67
How to prepare a competitive Significance section	46.5	70
How to prepare a competitive Innovation section	45.67	74.5
Preparing a solid Research Approach section	58.67	82.33
Best practices for tailoring and preparing figures for a grant application	55.17	69.83
How to prepare an NIH Bio-sketch	51	75.33
Employing the appropriate research instruments/measures for your research	70.83	79.17
Preparing a budget justification	60.83	68.17
Targeting the most appropriate study section(s) for your grant	41.17	78.17
Understanding the grant review process in study sections	49.17	78.17
Understand how to deal with grant rejections	46.17	71

POST-WORKSHOP SURVEY RESULTS*(CONTINUED)

OPEN-ENDED RESPONSES

- What was the most helpful aspects of the workshop?

- The feedback from a number of individuals was helpful.

- 1) Breakout sessions - Individualized and targeted feedback from leadership and peers.
  2) Guidance on identification of appropriate SRGs. Thank you for demystifying this process! I know this is an important part of developing your proposal, but it is never covered in workshops. The specific suggestions and tools provided were so helpful. Again, thank you so much for covering this!
  3) Breakdown/anatomy of the specific aims page. Reiterating how this may be the only page that many reviewers will ever read. Suggestion to include a figure to clarify your model.

- I was not able to attend the second session on the first day although I wanted to learn about 'Dealing with Rejection.' Other than that two topics --- Specific aims and significance sections --- were more helpful than other sections.

- The breakout sessions with other participants and with mentors. Also, hearing the presenters' personal experiences with grant writing and overcoming obstacles.

- The feedback and discussion on our working proposal in multiple settings and audiences was the helpful for me! Also, the positive tone, encouraging mentors and overall organization were very strong for a grant writing workshop.

- What was the least helpful aspects of the workshop?

- All components were helpful

- 1) For me, the power analysis section was least helpful. I've taught grad-level statistics and research methods before, so was already familiar with these concepts. I regularly conduct my own power analyses for basic statistics (G*Power). I could use more training in advanced power analysis strategies (for multilevel modeling, SEM, etc). However, I know that different workshop attendees have different needs.
  2) I also struggled somewhat with peer feedback. Misunderstandings of my proposal ideas from peers who were all clearly very intelligent scientists helped me to learn that I'm targeting an audience that is too specialized. However, when peers provided suggestions for specific revisions and changes, I wondered whether I should follow through with them. I know we were limited in time in these breakout rooms, but it could be helpful if leadership/moderators weigh in on whether they agree/disagree with peer feedback. As someone being reviewed, this would have helped me figure out which suggestions to follow through with. As someone providing a review, this would have helped me figure out whether I was on the right track with my evaluation of the proposal, providing another opportunity for learning more about grantsmanship.

- As all topics are important, I appreciate all sections. Thank again for all presenters and their time.

- Power calculations (because I've already done tons of those

- Hard to say. I valued most of it…