



LANGSTON UNIVERSITY

**Rehabilitation Research and Training Center (RRTC)
on Research and Capacity Building for Minority Entities**

LU-RRTC Overview of National Research and Research Capacity Building Agenda

Presenters:

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AUCD/UCEDDs Webinar

May 19, 2020

RRTC Mission

- + **MISSION:** To empower minority-serving institutions/ minority entities (e.g., historically Black colleges/universities [HBCUs], Hispanic-serving institutions [HSIs], Tribal Colleges/universities [TCUs], and Asian American and Native American Pacific Islander-serving Institution (ANNAPISIs)) to improve their disability and rehabilitation research capacity and infrastructure by conducting a programmatic line of research examining experiences and outcomes of persons with disabilities from traditionally underserved racial and ethnic populations and communities and capacity-building efforts.



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RRCT Partner Engagement

RRTC Research Agenda & Projects	Collaborative Engagement
PPMRTM (1A) and PMMM (1B) Evaluation	LU-RRTC, ICI, SCSU, KF, and Five MSIs in IRCBIM
A National Investigation of Opioid Use Disorder Impacts on Employment Prospects for PWDs from Diverse Backgrounds	LU-RRTC
A State Vocational Rehabilitation Agency and Veterans Affairs Emerging Co-Service Partnership Model Demonstration	LU-RRTC and ODRS
An American Indian Vocational Rehabilitation Program and Veterans Affairs Emerging Co-Service Partnership Model Demonstration	LU-RRTC, DNVRP, and CNVRP
A National Delphi Survey of Barriers to the Participation of HBCUs and Small African American-Owned Technology Firms in the Federal Assistive Technology Research and Development (AT-R&D) Enterprise	LU-RRTC and LU-ARRT Post-Doctoral Fellows
An Examination of Federally-Funded MSI-Based Research Centers' Challenges and Opportunities in Advancing the Disability/Rehabilitation or Health Science	LU-RRTC and Select UCEDDs
Early Intervention Disability, Rehabilitation, and Health Research Career Pathway Model (EIRCPM) Pilot Study	LU-RRTC and KF
Minority Entity IRCBIM Longitudinal, Mixed Methods Evaluation	LU-RRTC, LU-ARRT Post-Doctoral Fellow



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Research Project 1: Peer-to-Peer Mentorship Research Team Model (PMRTM- Research Program 1A)

- + **Goal:** The goal of this promising and emerging framework is to test the model's potential for building faculty members' explicit scientific research skills (e.g., use of research instruments, research design, data collection techniques, and theoretical frameworks); implicit research skills (e.g., selection of research questions and data, publication practices, and rules of collaboration), and research self-efficacy (confidence).
- + **Outputs:** Deliverables include recommended research initiatives to further the knowledge base on MSI mentorship model benefits. We will author a peer-reviewed journal article, technical note, and present findings at national conferences and workshops.



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Peer Multiple Mentor Model (PMMM- Research Program 1B) Evaluation

- + **Goal:** To test the model's potential for building post-doctoral Research Fellows' scientific research skills (i.e., explicit and implicit research skills) and research self-efficacy (confidence).
- + **Outputs:** Deliverables include recommended research initiatives to further the knowledge base on MSI mentorship and research capacity building benefits. We will author a refereed journal article and/or technical note, and present findings at national conferences.



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Research Project 2: A National Investigation of the Opioid Use Disorder Impacts on Employment Prospects for People with Disabilities from Racially/Ethnically Diverse Backgrounds

- + **Goal:** To generate new knowledge about opioid use disorder among individuals with disabilities from racial and ethnic minority backgrounds that can be used as a foundation for developing interventions to improve employment outcomes for the target population.
- + **Output:** Develop an article in a refereed journal or policy/technical briefs, make presentations.



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Research Project 3: A State Vocational Rehabilitation Agency (SVRA) and Veterans Affairs (VA) Emerging Co-Service Partnership Model Demonstration

- + **Goal:** To address the innovation gap by field-testing the SVRA-VA/VR&E Co-Service Partnership Model potential in a “real world” environment. (*Oklahoma State Department of Rehabilitation and Oklahoma VA VR&E co-service practices will be monitored*).
- + **Outputs:** *Disseminate Report/Brief:* Report availability is publicized on LU-RRTC website for Internet retrieval, and disseminated to Council of State Administrators of Vocational Rehabilitation (CSAVR) members, and other interested groups. In addition, dissemination strategies (e.g., conference presentations and workshops, knowledge broker involvement) will be used to share findings with stakeholders such as veterans of color.



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Research Project 4: An American Indian Vocational Rehabilitation Program (AIVRP) and Veterans Affairs (VA) Emerging Co-Service Partnership Model Demonstration

- + **Goal:** To address the innovation gap by field-testing the Oklahoma Tribal VR and -VA /VR&E Co-Service Partnership Model potential in a “real world” environment. (*Oklahoma Tribal VR and Oklahoma VA VR&E co-service practices will be monitored*).
- + **Outputs:** We will publicize the *Report/Brief* on LU-RRTC website for Internet retrieval. We will also Disseminate Report/Brief to AIVRPs, VA, CANAR members, and others.



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Research Project 5: A National Delphi Survey of Barriers to the Participation of HBCUs and Small African American-Owned Technology Firms in the Federal Assistive Technology Research and Development (AT-R&D) Enterprise

- + **Goal:** A national Delphi Survey of Barriers to the Participation of HBCU's and small African American –Owned Technology Firms in the Federal Assistive Technology Research and Development (AT R&D) Enterprise.
- + **Outputs:** To identify HBCU-Based STEM research Scientists and small African American owned firm entrepreneurs' perspectives on Assistive Technology R&D Participation Barriers. Recommendations and strategies at the NIDILRR and MSI levels will be developed that aim to increase the pool of well-trained STEM research scientists, faculty members, and engineers available to participate in federal sponsored AT R&D. Recommendations will inform the development of new rehabilitation capacity building models targeting the HBCU STEM universe.



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Research Project 6: An Examination of Federally-Funded MSI-Based Research Centers' Challenges and Opportunities in Advancing the Disability/Rehabilitation or Health Science

- + **Goal:** To identify factors that begin to fill the knowledge gap about challenges faced by federally-funded MSI-housed research centers in advancing the science in the fields of disability/rehabilitation and health.
- + **Outputs:** Deliverables include recommended research initiatives to further the knowledge base on RCB models designed to enhance MSI-based centers' capacity to advance the science. We will author an article in a refereed journal and present findings at national conferences.



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Research Project 7: Early Intervention Disability, Rehabilitation, and Health Research Career Pathway Model (EIRCPM) Pilot Study

- + **Goal:** The goal of the research is to identify factors that contributed to the EIRCPAM Fellows' interest in and willingness to be mentored within the area of minority disability research and to identify specific intervention strategies of the research project that were considered to be most significant in their development during the course of the study.
- + **Outputs:** Deliverables include two peer-reviewed journal articles or technical briefs containing findings that can be used to refine the model for future scaled-up evaluation consideration.



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Research Project 8: Minority Entity Institutional Research Capacity-Building and Infrastructure Model (IRCBIM) Longitudinal, Mixed Methods Evaluation

- + **Goal:** To longitudinally evaluate the long-term benefits of the Institutional Research Capacity-Building and Infrastructure Model (IRCBIM), an emerging RCB approach designed to build research skills and self-efficacy, and enhance institutional research capacity and Research infrastructure (RI) systems at minority-serving institutions.
- + **Outputs:** A monograph will be developed or an article in a refereed journal will be published. The IRCBIM-Version II will be posted on our website for public use and feedback.



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Dissemination

Dissemination Output Description	Frequency
1: Refereed journal articles on research findings	15-20 total
2: Reports/Briefs on 6 topical Community of Practices (COPs)	1 topics per MSI type/ # briefs depends on issues identified
3: Monograph/report on Minority Entity Institutional Research Capacity-Building and Infrastructure Model (IRCBIM)	1 summary report total; various briefs on specific issues and strategies
4: Topical web conferences for minority entity scholars/personnel and VR staff (topics will align with training curricula)	2-3 per year; approximately 12 total across 5 years
5: Topical podcasts for minority entity scholars/students/personnel, VR staff, and other stakeholders	2-3 per year
6: Langston University RRTC website and partners website such as ICI	Updated as needed
7: Newsletters and brochures	Customized information
8: State of the Science Conference and other Conference presentations for MSIs, disability and rehabilitation related conferences (including NAMRC and CANAR).	3-6 per year



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Training

NIDILRR Priority	Proposed Training Experiences
<p>Priority A: Identifying or developing models and promising practices for enhancing the research capacity and engagement in federal research entities and researchers based at these institutions</p> <p>Priority B: Generating new knowledge of the effectiveness of the models or promising practices by implementing and evaluating them in the field of disability and rehabilitation research</p>	<p>Community of Practice (COP) with MSI-based faculty scholars, students, administrators, and staff members</p> <p>Web series for MSI-based faculty scholars, students, administrators and staff persons</p> <p>Direct training to MSI-based faculty scholars, students, administrators, and staff persons</p> <p>Presentations at national educational and related conferences</p>
<p>Priority C: Examining experiences and outcomes of individuals with disabilities from traditionally underserved populations</p>	<p>Direct training of state vocational rehabilitation (VR) agency personnel</p> <p>Presentations at national rehabilitation and employment related conferences</p> <p>Presentation by Research Fellows at the State-of-the-Science Conference in Year 3</p>



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Technical Assistance

Technical Assistance and Consulting Services	Intensity	Duration
<p>Infrastructure and Faculty Scholar Grant-Writing Skill Building Consultation</p> <ul style="list-style-type: none"> • Teaching commitment- balance • Student advisement- balance • Service commitment-balance • Administrative duties-balance • Sponsored Programs operations and functions • Research Infrastructure Strategic Planning <ul style="list-style-type: none"> -Charting a vision for research infrastructure enhancement and productivity -Examining culture and values for research and scholarship at ME -Identifying objectives to be used to guide ME toward achieving the vision - Research program development -Graduate program (e.g., doctoral program) development -Building research networks to increase SVRA capacity to serve underserved persons and communities • Institutional Review Board (IRB) efficient operation and function • Research assistants/administrative support operations • Grant-writing and Management consultation • Manuscript development and peer review publication 	Varies	Years 1-5
<p>Research Support Resources</p> <ul style="list-style-type: none"> • Mini-grant Supplements- Research seed monies to jump-start ME Fellows' research agenda -funding can be used for release time, library research resources, computer data management software (e.g., SPSS, NVivo), travel to present research, etc. 	4 times	Years 2-5
<p>Technology Support Consultation</p> <ul style="list-style-type: none"> • Data management and analysis software (e.g., SPSS, NVivo), etc. 	Varies	Years 1-5

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Research Project 6:

An Examination of Federally Funded MSI-Based
Research Centers' Challenges in Advancing the
Disability/Rehabilitation or Health Science

Research Project 6: An Examination of Federally-Funded MSI-Based Research Centers' Challenges and Opportunities in Advancing the Disability/Rehabilitation or Health Science

- + The Langston University Rehabilitation Research and Training Center (LU-RRTC) on Research and Capacity Building for Minority Entities is carrying out a study to examine challenges that federally-sponsored Minority-Serving Institutions (MSI)-based research centers face in advancing the science and literature in the fields of disability/rehabilitation and health and strategies for overcoming such barriers (Harrison, Birks, Franklin, & Mills, 2017).

Research Project 6: An Examination of Federally-Funded MSI-Based Research Centers' Challenges and Opportunities in Advancing the Disability/Rehabilitation or Health Science

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Research Project Logistics

- + This project consists of semi-structured telephonic interviews.
- + To be able to utilize the telephone interview technique, we will need PIs, Co-PIs, Co-investigators, Fellows, and research associates affiliated with MSI-based research centers (e.g. MSI must serve as the “applicant”, “grantee”, or subcontractor, for the federally-funded research center) to participate as key informants to document challenges and opportunities.

Potential Participants for Project 6:

- + Inclusion Criteria: We will select participating centers using the following inclusion criteria:
 - + (1) MSI must serve as the “applicant”, “grantee”, or subcontractor, for the federally funded research center,
 - + (2) must be based at an MSI in the U.S. or in its territories,
 - + (3) must be currently or previously funded through a U.S. federal agency, and
 - + (4) must address disability and/or health issues.

Requirements of Project 6 Participants:

- + 1. Document Review: Since the participants will come from a variety of MSI research centers, participants may be asked to assist research team to collect pertinent existing documents to gather background information about their centers
- + The document review will help determine if implementation of their center agendas reflect program plans to help research team develop in-depth interview protocols/tools for data collection, and to facilitate the development of appropriate evaluation questions.

Data Collection

- + Research team will summarize data gleaned from all documents reviewed.
- + When will document review be conducted?
 - + Research team plan to conduct document review June-July 2020
- + Telephonic Interview: The research team will conduct in-depth telephonic interviews with all research participants. Interview will last approximately 20-40 minutes.
- + When will the telephonic interview be conducted?
 - + Research team plan to conduct telephonic interviews July-Aug 2020.

How to Participate

PIs, Co-PIs, Co-investigators, Fellows, and research associates affiliated with MSI-based research centers interested in participating are encouraged to visit our online registration site

Click on or cut and paste link below to register to participate:

Registration link is password projected; Password is: **MSI-Based**

<https://www.psychdata.com/s.asp?SID=188389>

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FUNDING AGENCY ACKNOWLEDGEMENT

The contents of this presentation were developed under a grant from the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR grant number 90RTST0001). NIDILRR is a Center within the Administration for Community Living (ACL), Department of Health and Human Services (HHS). The contents of this presentation do not necessarily represent the policy of NIDILRR, ACL, HHS, and you should not assume endorsement by the Federal Government.

