

IDeA Program Meeting
Division for Research Capacity Building
NIGMS, NIH
September 22, 2020
2:00 – 5:30 pm ET
Zoom Meeting

Webinar Login Info

[Access Zoom Meeting](#)

<https://nih.zoomgov.com/j/1618923932?pwd=T1NoUmNuQmJkR3hqa3lVdldZVxkdz09>

Webinar ID: 161 892 3932 Passcode: NIGMS

2:00 - 2:05 **Welcome**

Part I: NIH Scientific and Program Overviews

2:05 – 2:35 **RADx: the NIH response to testing during the COVID-19 Pandemic**
Tara Schwetz, Ph.D., Associate Deputy Director, NIH

2:35 – 3:05 **Updates from NIGMS**
Jon Lorsch, Ph.D., Director, NIGMS, NIH

3:05 – 3:25 **IDeA Program Progress and New Initiatives**
Ming Lei, Ph.D., Director, Division for Research Capacity Building, NIGMS, NIH

3:25 – 3:35 **Q&A**

3:35 – 3:45 **Break**

Part II: Research Highlights from IDeA Awardees

3:45 – 4:30 **Research activities addressing the COVID-19 pandemic**
Moderator: Michele McGuirl, Ph.D., Chief, Research Advancement Programs Branch, DRCB

- **COVID-19 in Rural America: Testing Patterns and Clinical Characteristics in West Virginia**
Sally Hodder, MD, West Virginia University (CTR PI)
- **Improving testing uptake and the understanding of SARSCoV-2 outcomes among Latinx populations**
James Padbury, MD, Brown University (CTR PI)
- **Social and behavioral implications for COVID-19 testing in Delaware’s underrepresented communities**
Melissa Harrington, Ph.D., Delaware State University (COBRE PI)
- **Mississippi CEAL Team: Community-Engaged Research Alliance**
Caroline Compretta, Ph.D., University of MS Medical Center (CEAL Applicant)
- **Predictive Modeling of COVID-19 Progression in Older Patients**
Kristin S. Miller, Ph.D., Tulane University (COBRE RPL)
- **Biomarkers of COVID-19 coagulopathy and D-dimer in a biracial cohort study**
Debora Kamin Mukaz, Ph.D., University of Vermont (Postdoctoral Associate)
- **Center for Modeling Complex Interactions**
Jennifer Johnson-Leung, Ph.D., University of Idaho (COBRE RPL)
- **Assessing the Efficacy of Home-based Intervention among Patients with Diabetes and COVID-19 related disruption in health and health care in Zuni**
Vallabh Shah, Ph.D., University of New Mexico Health Science Center (INBRE DRPP Investigator)

- **Genomic epidemiology of COVID-19 in Alaska: multiple independent introductions and community spread of SARS-CoV-2**

Eric Bortz, Ph.D., University of Alaska (INBRE DRPP Investigator)

4:30 – 5:15

Progress on non-COVID-19 research

Moderator: Krishan Arora, Ph.D., Chief, Network and Development Programs Branch, DRCB

- **Retinal Development and Regeneration from a Microglial Perspective**
Diana M. Mitchell, Ph.D., University of Idaho (INBRE DRPP Investigator)
- **Machine Learning, Genomic Variants, and Osteoporotic Risk Prediction**
Qing Wu, M.D., Sc.D., University of Nevada (COBRE RPL)
- **Optimization of Quinoline-based HIV-1 Integrase Inhibitors**
Jacques Kessl, Ph.D., The University of Southern Mississippi (IDeA Co-funded, R01 PI)
- **Conducting Research on the Backbone of IDeA-CTR Infrastructure: LA CaTS and the PROPEL Trial**
Peter Katzmarzyk, Ph.D., Pennington Biomedical Research Center (CTR Investigator)
- **Epigenetic regulation of mitochondrial biogenesis and myogenesis: roles of AMP-activated protein kinase (AMPK)**
Shaoning Jiang, Ph.D., Oklahoma University Health Science Center (INBRE DRPP Investigator)
- **Chronic Allergen Exposure Results in Microgliosis and Increased Blood Brain Barrier Permeability in a Mouse Model of Cow's Milk Allergy**
Danielle Germundson, University of North Dakota (INBRE Graduate student)
- **Overcoming chemotherapy resistance in triple negative breast cancer via targeting lysyl oxidase (LOX)**
Ozgur Sahin, Ph.D., University of South Carolina (COBRE RPL)
- **IDeA National Resource for Quantitative Proteomics: a new NIGMS National Resource**
Alan Tackett, Ph.D., University of Arkansas Medical Sciences (COBRE PI)
- **Leveraging SHARPHub Resources to Successfully Spinout a Biotech Company to Accelerate Discovery Research**
A.J. Mellott, Ph.D., University of Kansas Medical center (Faculty Investigator)

5:15 – 5:30

Open Forum