Grants, Collaborations and Professional Development News — January

Happy New Year

For additional information on moving your concepts to commercialization, contact Cecilia Peredo (cecilia.peredo@louisville.edu).

GRANT OPPORTUNITIES
**For assistance, contact Cecilia Peredo at
502-852-2630 or Cecilia.peredo@louisville.edu**

Open Grant Opportunities

Education Among Underserved Communities

Robert Wood Johnson Foundation

Equity-Focused Policy Research: Building Cross-Cutting Evidence on Supports for Families with Young Children

Brief Synopsis from Sponsor: The Equity-Focused Policy Research (EFPR) grant program seeks to fund a body of research that illuminates strategies and policies that enhance families' equitable access to key resources for supporting their children's healthy development. EFPR grants are guided by a research agenda that focuses on: (1) understanding the sources of inequities in families' access to and use of key resources; (2) identifying and testing innovations to advance equity; and (3) strategies for scaling up policies and approaches that are effective in advancing equity.

Award: from $50,000 up to $200,000
Deadline: February 16, 2021
Link: HERE

Mental Health for Minorities & COVID-19 Recovery

Department of Health

Digital Healthcare Interventions to Address the Secondary Health Effects Related to Social, Behavioral, and Economic Impact of COVID-19 (R01 - Clinical Trial Optional)

Brief Synopsis from Sponsor: This Funding Opportunity Announcement (FOA) aims to support research to strengthen the healthcare response to Coronavirus Disease 2019 (COVID-19) caused by the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and future public health emergencies, including pandemics. While research related to the direct clinical effects of COVID-19 are supported by other funding opportunities, the purpose of this funding opportunity is to focus on the role and impact of digital health interventions [e.g., mobile health (mhealth), telemedicine and telehealth, health information technology (IT), and wearable devices] to address access, reach, delivery, effectiveness, scalability and sustainability of health assessments and interventions for secondary effects (e.g., behavioral health or self-management of chronic conditions) that are utilized during and following the pandemic, particularly in populations who experience health disparities and vulnerable populations.

Upcoming Events

What Works Clearinghouse with Dr. Valentine - Webinar
January 28 at 12PM via MS Teams

Sign up **HERE** to receive an invitation to the webinar on MS Teams

COLLEGE OF EDUCATION & HUMAN DEVELOPMENT

WEBINAR
JANUARY 28 12PM — **DR. VALENTINE**

THE U.S. DEPARTMENT OF EDUCATION'S WHAT WORKS CLEARINGHOUSE (WWC)

DID YOU KNOW THE U.S. DEPARTMENT OF EDUCATION FUNDING OPPORTUNITIES OFTEN REQUIRE EVIDENCE-BASED INFORMATION FROM THE WWC SO YOU CAN ILLUSTRATE YOUR RESEARCH'S PROMISE FOR IMPROVING STUDENT OUTCOMES?

DR. VALENTINE, one of the Principal Investigators for the WWC, WILL PRESENT:

- AN OVERVIEW OF THE U.S. DEPARTMENT OF EDUCATION'S WHAT WORKS CLEARINGHOUSE AND HOW TO INTERACT WITH IT
- THE EVIDENCE STANDARDS AND PROCESSES USED BY THE WWC TO REVIEW STUDIES
- LEGISLATIVE REQUIREMENTS AROUND THE DEPARTMENT OF EDUCATION GRANT COMPETITIONS

SIGN UP NOW

Using Virtual Reality for Education by Shannon Putman – Webinar
February 18 at 12PM via MS Teams

Sign up **HERE** to receive an invitation to the webinar on MS Teams

Award: from $1,200,000 up to $1,500,000
Deadline: Submission deadline - March 2, 2021
Link: HERE

Education Research

Spencer Foundation

The Large Research Grants on Education Program

Brief Synopsis from Sponsor: supports education research projects that will contribute to the improvement of education, broadly conceived, with budgets ranging from $125,000 to $500,000 for projects ranging from one to five years. We anticipate awarding grants with budgets across each of the following funding tiers -- $125,000 to 250,000; $250,001 to $375,000; and $375,001 to $500,000. We accept Intent to Apply forms twice a year.
This program is "field-initiated" in that proposal submissions are not in response to a specific request for a particular research topic, discipline, design, method, or location. Our goal for this program is to support rigorous, intellectually ambitious and technically sound research that is relevant to the most pressing questions and compelling opportunities in education.

Sponsor Deadline: Application Opens – December 1, 2020, Intent to Apply - January 15, 2021, Full Proposal - February 5, 2021
Award Ceiling:
3 funding tiers:
$125,000 - $250,000;
$250,001 - $375,000;
$375,001 - $500,000.
Link: https://www.spencer.org/research-grants

Small Research Grant

Brief Synopsis from Sponsor: The Small Research Grants Program supports education research projects that will contribute to the improvement of education, broadly conceived, with budgets up to $50,000 for projects ranging from one to five years. We accept applications three times per year.

Sponsor Deadline: Application opens – January 4, 2021; Full Proposal Deadline - March 1, 2021
Award Ceiling: $50,000 (up to 5 years)
Link: https://www.spencer.org/grant_types/small-research-grant

USDA National Institute of Food and Agriculture

Higher Education challenge (HEC) Program

Brief Synopsis from Sponsor: Projects supported by the Higher Education Challenge Grants Program will: (1) address a state, regional, national, or international educational need; (2) involve a creative or non-traditional approach toward addressing that need that can serve as a model to others; (3) encourage and facilitate **better working relationships in the university science and education community,** as well as between universities and the private sector, to enhance program quality and supplement available resources; and (4) result in benefits that will likely transcend the project duration and USDA support.

Award: from $30,000 up to $750,000
Deadline: Revision cutoff - February18, 2021, Submission deadline - March 18, 2021
Link: HERE

Special Education

Department of Education

Office of Special Education and Rehabilitative Services (OSERS): Rehabilitation Services Administration (RSA): Rehabilitation Training: Disability Innovation Fund

Brief Synopsis from Sponsor: The purpose of the Disability Innovation Fund (DIF) Program is to support innovative activities aimed at improving the outcomes of individuals with disabilities including activities aimed at improving the education and post-school outcomes of children receiving SSI and their families that may result in long-term improvement in the SSI child recipient's economic status and self-sufficiency.
Absolute Priority: Career Advancement Initiative Model Demonstration Project. To improve the quality and labor market relevance of workforce investment, education, and economic development efforts to provide America's workers with the skills and credentials necessary to secure and advance in employment with family sustaining wages.

Award: from $3,548,387 up to $18,333,333
Deadline: April 7, 2021
Link: HERE

Department of Education

OSERS: OSEP: Educational Technology, Media, and Materials for Individuals with Disabilities Program: Stepping-up Technology Implementation Assistance

Sign up HERE to receive an invitation to the webinar on MS Teams

VIRTUAL REALITY IN EDUCATION
by Shannon Putman, Ph.D candidate
February 18 @noon

Could you ever imagined how COVID-19 pandemic could push the entire academic world into a virtual environment?
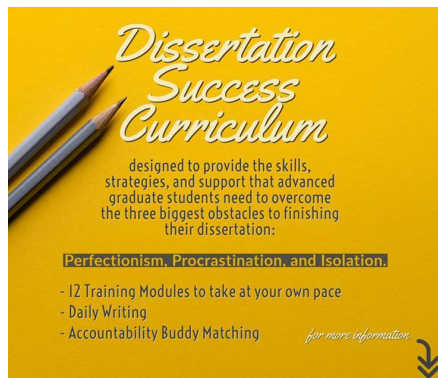
VIRTUAL REALITY IS THE FUTURE

SIGN UP NOW
CLICK HERE

GET AHEAD OF THE CURVE AND LEARN:
How VR can enhance education, health, and leadership.
How to implement VR into your instructional practice
How to reap the benefits of VR no matter what subject you teach

Dissertation Success Curriculum
presented by National Center for Faculty Development and Diversity

Learn how to navigate around the common barriers to finish the dissertation in the context of supportive community.

- *Develop and maintain daily writing routine*
- *Systematically plan weekly writing goals*
- *Understand the academic writing process better*
- *Identify and overcome academic perfectionism and more*

All videos are available online on National Center for Faculty Development and Diversity website.
https://www.facultydiversity.org/dissertation-success-members

Newly Awarded Grants & Contracts

Faculty Highlight.
In this section, we announce recent contracts and grants of significant value that were awarded to our faculty.

CEHD Faculty New Grant Awards for 2020:

Sharon Kerrick	NSA NCAE, U.S. ARMY, U.S. Dept. of Homeland Security

The purposes of the Educational Technology, Media, and Materials for Individuals with Disabilities Program are to improve results for children with disabilities by: (1) promoting the development, demonstration, and use of technology; (2) supporting educational activities designed to be of educational value in the classroom; (3) providing support for captioning and video description that is appropriate for use in the classroom; and (4) providing accessible educational materials to children with disabilities in a timely manner.[1]

Award: $500,000
Deadline: February 22, 2021
Link: HERE

Autism Field-Initiated Innovative Research Studies Program (Autism-FIRST)

Brief Synopsis from Sponsor:
The purpose of this program is to support empirical research that advances the evidence base on interventions designed to improve the health of children, adolescents, and young adults with autism spectrum disorders and other developmental disabilities (ASD/DD) across the lifespan. Because racial and ethnic disparities exist in the early screening and diagnosis of ASD/DD, the Autism-FIRST Program has a special focus on addressing the needs of underserved populations, such as low-income, racial/ethnic minorities, individuals living in rural areas and, in the case of ASD/DD populations, girls and young women, who are often under identified with regard to ASD, particularly at the higher functioning end.
The Autism-FIRST program supports research studies that address critical issues surrounding the health and well-being of underserved children, adolescents, and young adults with ASD/DD up to the age of 26, and their families, recognizing that the first 25 years of life help lay the foundation for health and well-being across the lifespan.

Award: $600,000
Deadline: April 15, 2021
Link: HERE

Science, Data, & Cybersecurity

Department of Defense Office of Naval Research

Navy ROTC Cybersecurity Training Program

Brief Synopsis from Sponsor: The ONR seeks a broad range of applications for augmenting existing or developing innovative solutions that directly maintain, or cultivate a diverse, world-class STEM workforce in order to maintain the U.S. Navy and Marine Corps' technological superiority. The goal of any proposed effort must provide solutions that will grow a capable and trained workforce with the skills to defend against emergent cyber and electronic warfare threats. Funding efforts will be targeted primarily toward projects addressing the technical skills taught to university students enrolled in ROTC programs, but can also include civilian students.

Award: from $250,000 up to $750,000
Deadline: Revision cutoff - February 1, 2021, Submission deadline - February 28, 2021
Link: HERE

National Science Foundation

Harnessing the Data Revolution (HDR): Data Science Corps
Brief Synopsis from Sponsor: The Data Science Corps enables education and workforce development by focusing on building capacity for **harnessing the data** revolution at the local, state, and national levels to help unleash the power of data in the service of science and society. This solicitation prompts the community to envision creative educational pathways that will **transform data science education and expand the data science talent pool by enabling the participation of undergraduate and Master's degree students with diverse backgrounds, experiences, skills, and technical maturity in the Data Science Corps**.

Award: from $1,200,000 up to $1,500,000
Deadline: Revision cutoff - January 14, 2021, Submission deadline - February 12, 2021
Link: HERE

Product Development

KYNETIC

Brief Synopsis from Sponsor: The KYNETIC (Kentucky Network for Innovation & Commercialization) program supports faculty, staff, trainees and students who want to accelerate introduction of their ground-breaking innovations to the marketplace to address unmet needs to benefit human health. Eligible KYNETIC technologies must originate from a participating University or community/technical college in Kentucky and focus on healthcare-related products.
Award: $50,000 up to $200,000 total eligible for reapplication
Deadline: Pre-application deadline - February 15, 2021
Full application due - April 15, 2020 (by invitation only)
Link: http://louisville.edu/research/innovation/translational/kynetic/about

Mental Health

National Institute of Mental Health

Jeffrey Sun	U.S. Dept. Of Labor, KY Commission on Military Affairs, U.S. Dept. of Homeland Security
Ginevra Courtade	UK Research Foundation, Community Coordinated Child Care (C4)
Timothy Landrum	Ohio Valley Education Cooperative
Tom Tretter	JCPS, NNCI KY Multiscale, NSF
Jessica Buckley	NSF Rapid
Geneva Stark	Trilogy
Patrick Possel	KY Dept of Juvenile Justice
Jennifer Bay Williams	JCPS, Ky Center for Mathematics
Brad Shuck	HSD Metrics
Jill Jacobi Vessels	Ky. Cabinet for Health & Family Services
Jason Immekus	HSD Metrics Data Collaboration

CONGRATULATIONS TO ALL!

Brief Synopsis from Sponsor: NIMH seeks applications for research projects to evaluate the effectiveness of service-ready tools and technologies that can be used to advance training, quality monitoring, and quality improvement efforts and ultimately improve the availability of evidence-based suicide prevention services

Service-Ready Tools for Identification, Prevention, and Treatment of Individuals at Risk for Suicide (R01 Clinical Trial Optional)

Award: Not Listed (Project budget - $3,900,000)
Deadline: February 18, 2021 (LOI 30 days prior to the due date)
Link: HERE

National Institutes of Health/DHHS

Notice of Special Interest (NOSI) in Research on Risk and Prevention of Black Youth Suicide

Brief Synopsis from Sponsor: The purpose of this Notice of Special Interest (NOSI) is to encourage research focused on Black child and adolescent suicide. Recent data suggest that Black youth, especially those under age 13, appear to be at higher than average risk for suicide and suicide-related behaviors
Sponsor Deadline: First Available Date: August 25, 2020, Expiration Date: July 21, 2022
Link: https://grants.nih.gov/grants/guide/notice-files/NOT-MH-20-055.html

STEM Education

National Institute of Food and Agriculture (USDA)

Women and Minorities in Science, Technology, Engineering, and Mathematics Fields Program (WAMS)

Brief Synopsis from Sponsor: The purpose of this program is to support research, education/teaching, and extension projects that increase participation by women and underrepresented minorities from rural areas in STEM. NIFA intends this program to address educational needs within broadly defined areas of food, agriculture, natural resources, and human (FANH) sciences.
Sponsor Deadline: January 21, 2021
Award Ceiling: up to $100,000
Link: HERE

National Science Foundation

Brief Synopsis from Sponsor: The purpose of the program is to fund exploratory and synergistic research in emerging technologies (to include, but not limited to, artificial intelligence (AI), robotics, and immersive or augmenting technologies) for teaching and learning in the future. The program accepts proposals that focus on learning, teaching, or a combination of both. The scope of the program is broad, with special interest in diverse learner/educator populations, contexts, and content, including teaching and learning in science, technology, engineering, and mathematics (STEM) and in foundational areas that enable STEM (e.g., self-regulation, literacy, communication, collaboration, creativity, and socio-emotional skills).

Research in this program should be informed by the convergence (synthesis) of multiple disciplines: e.g., learning sciences; discipline-based education research; computer and information science and engineering; design; and cognitive, behavioral, and social sciences. Within this broad scope, the program also encourages projects that investigate teaching and learning related to futuristic and highly technological work environments.

Research on Emerging Technologies for Teaching and Learning (RETTL)

Full Proposal Deadline(s) due by 5 p.m. submitter's local time:
Deadline for FY 2021 competition - January 25, 2021
Deadline for FY 2022 competition - October 18, 2021
Deadline for FY 2023 competition - October 17, 2022

Award: Up to $850,000 for 3 years (an individual may not participate in more than 1 project)
* Standard grant, 20 awards with the total amount of $19mil.
Link: HERE

Louis Stokes Alliance for Minority Participation (NSF)

Sponsor Deadline: November 20, 2020 to June 1, 2021
Award Ceiling: $1,000,000- $2,000,000
Link: HERE

Brief Synopsis from Sponsor: The overall goal of the program is to assist universities and colleges in diversifying the nation's STEM workforce by increasing the number of STEM baccalaureate and graduate degrees awarded to populations historically underrepresented in these disciplines. The LSAMP program takes a comprehensive approach to student development and retention. Particular emphasis is placed on transforming undergraduate STEM education through innovative, evidence-based recruitment and retention strategies, and relevant educational experiences in support of racial and ethnic groups historically underrepresented in STEM disciplines.