OFFICE OF INNOVATION AND STRATEGIC PARTNERSHIPS

UNIVERSITY OF LOUISVILLE
COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT

Grants, Collaborations and Professional Development News

August

Google





Did you know Gatorade, Google, Allegra, and plasma screens were all products developed by university researchers? With UofL's assistance, you too can turn your research into products that increase other's quality of life with the added potential for revenue sharing!

Let's be real though. Google and Gatorade are more the exceptions than the rule. One of the reasons why most researchers' commercialization-worthy products don't make it to market is because "academicians are absolutely clueless about what needs to be done to make a project attractive to industry" (Jon Marcus, Washington Post January 17, 2020). So how can you get your ground-breaking innovation to the marketplace and become "the exception"? Below are three ways the Office of Innovation and Strategic Partnership can connect you to the resources you need to attract industry investors.

The Kentucky Network for Innovation and Commercialization (KYNETIC) recognized the hurdles presented by academicians and are now offering assistance to faculty, staff, postdoctoral trainees, and students at Kentucky academic institutions. KYNETIC not only offers competitive grant fund opportunities for up to \$200,000, but the award also comes with a host of mentors to advance awardees' product development plans and commercialization (http://louisville.edu/research/innovation/translational/kynetic). Their focus is to assist participating Kentucky institutions in developing a product that addresses unmet needs that benefit human health. Unlike traditional grants that have little involvement with awardees, KYNETIC offers substantial assistance to help get those ground-breaking innovations to the marketplace. They do this by:

- Developing infrastructure for identifying technologies;
- Allocating funding (up to \$200k/technology) for product definition studies (e.g., feasibility studies, prototype development, or proof-of-concept studies);
- Providing access to early-stage development expertise and mentorship;
- Offering hands-on skills development in entrepreneurism; and
- · Accelerating development of commercialization strategies.

Any member of the participating institutions in Kentucky (including UofL) is allowed to apply by submitting a short pre-application. Pre-applications will be reviewed, and the most promising proposals will be invited to submit a full application. The KYNETIC program is funded through the National Institute of Health's Research Evaluation and Commercialization Hub (REACH) program for four years. With the first year's cycle LOI deadline on August 14, 2020, interested applicants still have an opportunity to submit a proposal every six months for the next three years.

If you have an idea for a product that has promise for commercialization down the road but are just not ready to submit a proposal to KYNETIC this round, contact Cecilia at Cecilia.peredo@louisville.edu She will help you establish a team and coordinate monthly meetings so that, six months to a year from now, you are ready to take advantage of KYNETIC's funding and mentoring, making your project the next great exception!

The CEHD Office of Innovation and Strategic Partnerships also offers additional support to assist faculty in moving their proof of concept to grant application.

One way we do this is by connecting interested faculty to the UofL Innovation Technology Services, Digital UX Services. Director, Sarah Northerner, directs a collaborative student development team that supports faculty in developing responsive and intuitive web and mobile applications.

The UofL Commercialization EPI-Center (https://louisville.edu/research/epi-center/about) is another resource to help faculty transfer discoveries from their research to the marketplace through licenses, partnerships, and new companies. The office manages university intellectual property, guides the commercialization process, acts as a single point of contact for industry stakeholders, and accelerates the growth of startup enterprises.

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

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Allegra Logo Copyrights © Retrieved from: 1000 Logos https://images.app.goo.gl/wwwpOphZSSNqtq17

GRANT OPPORTUNITIES

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

Upcoming Events

Open Grant Opportunities

Education Among Underserved Communities

ECMC Foundation

Brief Synopsis from Sponsor: The mission of ECMC Foundation is to inspire and to facilitate improvements that affect educational outcomes—especially among underserved populations—through evidence-based innovation. They support organizations and institutions that provide high-quality programs and support to students and learners from underserved backgrounds. Due to COVID19, they are giving priority to those requests that address the immediate challenges and opportunities arising from the pandemic. We are especially interested in those proposals that focus on implementing systemic reforms to increase college success and career readiness for students from underserved backgrounds.

Sponsor Deadline: Rolling LOI: Board meets quarterly: upon invitation a full application may be submitted

Focus Areas:

Career Readiness

The Career Readiness focus area is committed to improving postsecondary career and technical education (CTE) outcomes for students from underserved backgrounds.

Award Ceiling: \$250,000

Link: https://www.ecmcfoundation.org/what-we-do/grants-investments-database?focus-areas=Career%20Readiness

College Success

The College Success program aims to increase the number of students from historically and presently underserved backgrounds who persist through and graduate from an institution of higher education with a bachelor's degree.

Award Ceiling: \$950,000

Link: https://www.ecmcfoundation.org/what-we-do/college-success

Mental Health for Minorities & COVID-19 Recovery

Sorenson Impact Foundation

Brief Synopsis from Sponsor: The Sorenson Impact Foundation (SIF) is inviting potential grant recipients to propose solutions that can contribute to a more equitable and resilient recovery from the COVID-19 pandemic and resulting economic crisis. SIF is specifically targeting solutions that enable recovery through developing and growing businesses as well as the communities they're in to equitably rebuild coming out of the current social, health and economic crisis. We are seeking proposals across the following three focus areas

Focus Areas

- Equitable Access to Wealth Creation Through Entrepreneurship: Solutions that enable and empower successful entrepreneurship for underserved or underrepresented communities such as people of color, women and entrepreneurs in rural areas.
- Democratized Access to Capital and Community Investment: Solutions that enable more equitable access to capital for entrepreneurs in underserved or underrepresented communities.
- Workforce Development: Solutions to help communities develop the skills and training required for the iobs of the future in a post-pandemic world.

Sponsor Deadline: August 30, 2020

Award Ceiling: \$250,000

Link: https://sorensonimpactfoundation.org/grant-rfp/

National Institutes of Health/DHHS

Title: 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

<u>Dept of Health and Human Services Office of Minority</u> <u>Health</u>

Brief Synopsis from Sponsor: This notice solicits applications for projects under the Community-based Approaches to Strengthening Economic Supports for Working Families Initiative to serve low-income working families disproportionately at risk for adverse childhood experiences (ACEs), including racial and ethnic minority families. This initiative seeks to determine if implementation of earned 3 income tax credit (EITC) outreach and education activities in communities at higher risk for ACEs can result in (1) increased EITC receipt and (2) changes in risk and/or protective factors for ACEs.

Title: Community-based Approaches to Strengthening Economic Supports for Working Families

Sponsor Deadline: August 17, 2020

Award Ceiling: \$450,000 per budget period

Link: https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?
id=67223&utm campaign=GA%20GDC%20Research&utm medium=email&.hsmi=91998643&.hsenc=p2ANqtzgi3x9F5M4VMdUFtegvZpcm4nX31wOd8 hRklsrMLst38OX7TXbmpKMH5RZCefbPNRX3aVb_1is6rLiVqNESUEhm6SUvre1m0FUGAiv8mdRMHtZcs&utm_content=91998643&utm_source=hs_email

THE CORE
CURRICULUM

10 LESSONS
on how to manage your
everyday tasks and
excel as an employee
available
online,
watch anytime
www.facultydiversity.org/core-curriculum

The Core Curriculum

presented by National Center for Faculty
Development and Diversity

https://www.facultydiversity.org/core-curriculum

10 webinars on how to manage and dominate your everyday tasks and excel as an employee.
Courses include:

- Time Management
- Establishing Daily Writing Practice
- Cultivating Your Network of Mentors and Sponsors
- Engaging in Healthy Conflict and more

All videos are available online on National Center for Faculty Development and Diversity website.



Monthly UofL Research Town Hall

Join in on the last Thursday of every month for discussion of current opportunities, possible collaborations and more!

Next meeting is August 27 from 12-1pm

Topic: Engineering our Future Economy. UofL researchers will share their work focused on developing and harnessing technological advancements for the digital and robotic transformation of the workforce, advances in manufacturing, and the development of materials and processes for a new energy economy.

Register by using this LINK

September 18th 12 – 1pm

SPIN Workshop Webinar with Cecilia Peredo via Microsoft Teams

Please use this <u>LINK</u> to sign up

you will receive a meeting ID via email or Teams -



Education Research

US Department of Education Grants:

Brief Synopsis from Sponsor: In awarding these grants, the Institute of Education Sciences (IES) intends to provide national leadership in expanding knowledge and understanding of (1) developmental and school readiness outcomes for infants and toddlers with or at risk for a disability, (2) education outcomes for all learners from early childhood education through postsecondary and adult education, and (3) employment and wage outcomes when relevant (such as for those engaged in career and technical, postsecondary, or adult education). The IES research grant programs are designed to provide interested individuals and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all learners.

Link: https://www.federalregister.gov/documents/2020/05/04/2020-09446/applications-for-new-awardseducation-research-and-special-education-research-grant-programs

Sponsor: National Center for Education Research

Title: 84.305A - Education Research: Career and Technical Education; Civics Education and Social Studies; Cognition and Student Learning; Early Learning Programs and Policies; Effective Instruction; English Learners; Improving Education Systems; Postsecondary and Adult Education; Literacy; Science, Technology, Engineering, and Mathematics Education; Social and Behavioral Context for Academic Learning

Sponsor Deadline: August 20, 2020

Award Ceiling: \$760,000

Title: 84.305B - Research Training Programs in the Education Sciences Pathways to the Education Sciences

Research Training Program.

Sponsor Deadline: August 20, 2020 Award Ceiling: \$312,000 up to 5 years

Title: 84.305C - Education Research and Development Centers Improving Teaching and Learning in Postsecondary

Institutions.

Sponsor Deadline: August 20, 2020 Award Ceiling: \$2,000,000 up to 5 years

Title: 84.305R Research Grants Focused on Systematic Replication

Sponsor Deadline: August 20, 2020 Award Ceiling: \$900,000 up to 5 years

Spencer Foundation Small Research Program

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.

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: August 3, 2020; Full proposal deadline: November 3, 2020

Award Ceiling: \$50,000

Link: https://www.spencer.org/grant_types/small-research-grant

Caplan Foundation for Early Childhood

Brief Synopsis from Sponsor: The Caplan Foundation for Early Childhood is an incubator of promising research and development projects that appear likely to improve the welfare of young children, from infancy through 7 years, in the United States. Welfare is broadly defined to include physical and mental health, safety, nutrition, education, play, familial support, acculturation, societal integration and childcare. The Foundation's goal is to provide seed money to implement those imaginative proposals that exhibit the greatest chance of improving the lives of young children, on a national scale. Foundation provides funding in the following areas: Early Childhood Welfare, Early Childhood Education and Play, Parenting Education.

Sponsor Deadline: LOI September 30, 2020 (opens August 26, 2020)

Award Ceiling: \$30,000-\$55,000

Link: https://earlychildhoodfoundation.org/?

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Special Education

JS Department of Education Grants:

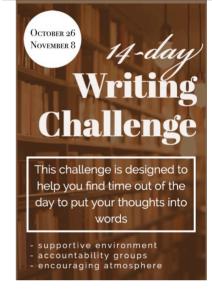
Brief Synopsis from Sponsor: In awarding these grants, the Institute of Education Sciences (IES) intends to provide national leadership in expanding knowledge and understanding of (1) developmental and school readiness outcomes for infants and toddlers with or at risk for a disability, (2) education outcomes for all learners from early childhood education through postsecondary and adult education, and (3) employment and wage outcomes when relevant (such as for those engaged in career and technical, postsecondary, or adult education). The IES research grant programs are designed to provide interested individuals and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all learners.

Link: https://www.federalregister.gov/documents/2020/05/04/2020-09446/applications-for-new-awardseducation-research-and-special-education-research-grant-programs

Presented by the Office of Innovation and Strategic Partnership: **EVER WONDERED HOW TO FIND** MONEY TO SPONSOR YOUR RESEARCH?

THIS WORKSHOP IS FOR YOU! LEARN HOW TO CONNECT YOUR INTERESTS TO FUNDING OPPORTUNITIES

Add it to your calendar now and be on a look out for announcements about future sessions later this semesterl



14-Day Writing Challenge

Welcome back to the Writing Challenge! For those of you who did not get to participate in a 14-Day Writing Challenge in the spring - THIS IS YOUR CHANCE! Do you have to meet a grant deadline? Can't focus on your research? - This amazing challenge will keep you on track to finish what you have started. Find a joy of writing

Sign up to establish a daily 30-min writing routine with a team of people that will encourage and support you.

Registration opens on September 1 $^{\rm st}$ on NCFDD $\underline{\text{website}}!$

August 18

Developing Anti-Oppressive Communities: Supporting Black Students and Mentees

Guest Webinar with Wanda Swan



- Identify and combat anti-Black racism in classrooms and workplace
- Learn how to effectively support Black students and

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More Information about the event and a speaker can be found HERE

Title: Special Education Research Cognition and Student Learning

Sponsor Deadline: August 20, 2020

Award Ceiling: \$900,000

Title: Research Training Programs in Special Education Early Career Development and Mentoring

Sponsor Deadline: August 20, 2020

Award Ceiling: \$266,000

Title: Research Grants Focused on NAEP Process Data for Learners with Disabilities

Sponsor Deadline: August 20, 2020

Award Ceiling: \$280,000

Title: Research Grants Focused on Systematic Replication

Sponsor Deadline: August 20, 2020

Award Ceiling: \$900,000

Mindfulness and Health, Mental Health /Art or **Music Therapy**

Fundamental Science Research on Mind and Body Approaches (R21 Clinical Trial Optional)

Sponsor Deadline: Sept 7,2020, Oct 16, 2020 Award Ceiling: \$275,000 for up to 2 years Opportunity Number: PA-18-322

Link: https://grants.nih.gov/grants/guide/pa-files/PA-18-322.html

Brief Synopsis from Sponsor: National Center for Complementary and Integrative Health (NCCIH) invites applications to investigate the fundamental science of mind and body approaches, including mind/brain-focused practices (e.g., meditation, hypnosis), body-based approaches (e.g., acupuncture, massage, spinal manipulation/mobilization), meditative exercise (e.g., yoga, tai chi, qi gong), art and music therapies, or integrative approaches combining several components.

Product Development

KYNETIC Grant

Title: Kentucky Network for Innovation & Commercialization Sponsor Deadline: Pre-Application - August 15, 2020, Full Application - October 15, 2020 (by invitation only) Award Ceiling: \$50,000 until a max of \$200,000 is reached

Link: http://louisville.edu/research/innovation/translational/kynetic/about

Brief Synopsis from Sponsor: Do you have an idea for a product that could improve patient care or enhance human health? If so, you are invited to submit a pre-application to the Kentucky Network for Innovation & Commercialization (KYNETIC). Funded by the NIH, KYNETIC offers proof-of-concept grants for all types of health-related ideas to accelerate translation of academic innovations into biomedical products across the Commonwealth of Kentucky. KYNETIC is led by the University of Kentucky, the University of Louisville, and the Kentucky Cabinet for Economic Development on behalf of KY public universities. Grants are \$50,000 over six months (projects are eligible for competitive renewal until a max of \$200,000 is reached). Faculty, staff, trainees and students are eligible to apply!

Mental Health

Patient-Centered Outcomes Research Institute

Title: Suicide Prevention: Brief Interventions for Youth

Sponsor Deadline: LOI September 29, 2020

Award Ceiling: Up to \$30mil for up to 5 years

Brief Synopsis from Sponsor: Through this initiative, PCORI seeks to fund large randomized controlled trials (RCTs) and/or observational studies that compare the effect of brief interventions on acute suicide risk in youth ages 15 to 24.

Link: https://www.pcori.org/funding-opportunities/announcement/suicide-prevention-briefinterventions-youth-cycle-3-2020?

utm_campaign=GA%20HDC%20Projections&utm_medium=email&_hsmi=92493259&_hsenc=p2ANqtz-

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Title: Phased Large Awards for Comparative Effectiveness Research

Sponsor Deadline: LOI September 29, 2020

Award Ceiling: Up to \$150mil for up to 6,5 years

Brief Synopsis from Sponsor: This PCORI funding announcement invites applications for highquality comparative effectiveness research (CER) projects that will examine a critical patient-centered research question that is also relevant to decision makers and other stakeholders. For this PFA investigators should propose an individual-level or cluster randomized controlled trial of significant scale and scope, requiring funding in excess of \$10 million in direct costs. The proposed trials should address important decisional dilemmas that require important new evidence about the comparative effectiveness of available interventions.

Link: HERE

Easy Steps to Get Started and Register:

- 1. Click HERE to go to the National Center for Faculty Development and Diversity website. 2. If not a NCFDD member, select "Join Now" in the
 - large orange rectangle.
 - 3. In the top ribbon click "EVENTS" and choose the wehinar
 - 4. Click "VIEW DETAILS" and register for the Guest Wehinar
 - 5. On August 18, tune in at 2pm ET

Newly Awarded Grants & Contracts



We are starting a new section of our newsletter: Faculty Highlight.

In this section we are going to announce recent contracts and grants of significant value that were awarded to our

Congratulations to Dr. Jessica Buckley and Thomas **Tretter** for their grant award from the National Science Foundation! The team was awarded \$119,767 for the RAPID RESPONSE to Mitigating the Triple Threat of Involuntary Online Engineering Courses to Diverse Students' Sense of Belonging.

"The grant itself will provide an excellent opportunity to focus on scholarship and pursue the research that I hope to continue throughout my career."

"I am grateful to the Office of Innovation and Strategic Partnerships for their help in attaining an NSF Rapid grant. First, their e-mail alerted me to the grant opportunity and their direct outreach provided the impetus I needed to move forward with applying. Given the complexity of our current environment on top of the typical busy day-to-day schedule, the encouragement and direct outreach from OISP were motivations to move a quiet idea to a planned

Second, the office was critical for facilitating a group conversation with the right partners. On my own, I would likely not have pursued the grant, but OISP facilitated a brainstorming session with other faculty in the University. The team approach has been critical to our success and has been a unique opportunity to work with and learn from colleagues." Dr. Jess Buckley

About the faculty:

Clinical Assistant Professor, Higher Education Administration Director, Recruiting & Retention College Advanced Instructor Course

Curriculum Director, Military Initiatives

Focus Interests: Student inequalities, adult online learning, military-connected students, campus climate for diverse students, institutional learning outcomes for sustainability

Dr. Thomas Tretter

Director, Gheens Science Hall & Rauch Planetarium, Professor, Science Education

Co-Director, Center for Research in Mathematics and

Science leacner Development Focus Interests: Engineering education (K-12 + university

students and faculty learning), space science education, science teacher education, science assessment

STEM Education

Innovative Technology Experiences for Students and Teachers

Sponsor Deadline: August 14, 2020; August 13, 2021

Award Ceiling: \$100,000-\$4,000,000

Link: https://www.grants.gov/web/grants/view-opportunity.html?oppId=316133

learning opportunities in pre-kindergarten through high school (PreK-12). The learning opportunities are based on innovative use of technology to strengthen knowledge and interest in science, technology, engineering, and mathematics (STEM) and information and communication technology (ICT) careers. To achieve this purpose, ITEST supports projects that engage students in technology-rich experiences that: (1) increase awareness and interest of STEM and ICT occupations; (2) motivate students to pursue appropriate education pathways to those occupations; and (3) develop STEM-specific disciplinary content knowledge and practices that promote critical thinking, reasoning, and communication skills needed for entering the STEM and ICT workforce of the future. ITEST seeks proposals that pursue innovative instructional approaches and practices in formal and informal learning environments, in close collaboration with strategic partnerships. ITEST proposals should broaden participation of all students, particularly those in underrepresented and underserved groups in STEM fields and related education and workforce domains. ITEST supports three types of projects: (1) Exploring Theory and Design Principles (ETD); (2) Developing and Testing Innovations (DTI); and (3) Scaling, Expanding, and Iterating Innovations (SEI). ITEST also supports Synthesis and Conference proposals.

Brief Synopsis from Sponsor: ITEST is an applied research and development (R&D) program providing direct student

Office of Elementary and Secondary Education

Title: Education Innovation and Research Program (ED)

Deadline: Notice of Intent August 18, 2020

Proposals September 10, 2020

Award Ceiling: \$3mil-\$12mil

Link: https://www.grants.gov/web/grants/view-opportunity.html?

oppId=328345&utm campaign=GA%20GDC%20Research&utm medium=email& hsmi=92858743& hsenc=p2ANqtz-

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dBysovrpOmWQv5cW9dIfYEl6HOI1kYAQvQyWpbmIlOzIDitFk&utm content=92858743&utm source=hs email

Brief Synopsis from Sponsor: The EIR program provides funding to create, develop, implement, replicate, or take to scale entrepreneurial, evidence-based, field-initiated innovations to improve student achievement and attainment for highneed students; and rigorously evaluate such innovations. The EIR program is designed to generate and validate solutions to persistent education challenges and to support the expansion of those solutions to serve substantially larger numbers of students.

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: https://www.nsf.gov/funding/pgm_summ.jsp?

pims id=13646&utm campaign=GA%20GDC%20Programmatic&utm medium=email& hsmi=92859205& hsenc=p2ANqtz-O I96VYqnD2DfFoud3pgASc0lvVH 1iz-BEKQIXRQjvXOEj3rCjra8Ng7Hf5QmZkusoZsj41vfSA-bHI-

D0ahZzT0btl0L8KFMrSh5gx86dKMOIw&utm content=92859205&utm source=hs email

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.