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ORDA Weekly Update, 2020.07.27

Office of Research and Development Administration

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Events & Deadlines

July 27, 2020

Deadlines

National Institutes of Health, Promoting Research on Music and Health: Phased Innovation Award for Music Interventions (R61/R33 Clinical Trial Optional)

The purpose of this Funding Opportunity Announcement (FOA) is to promote innovative research on music and health with an emphasis on developing music interventions aimed at understanding their mechanisms of action and clinical applications for the treatment of many diseases, disorders, and conditions. Given the emphasis on innovation, little or no preliminary data are needed to apply under this FOA. Because of the need for a multidisciplinary approach, collaborations among basic researchers, translational science researchers, music intervention experts, other clinical researchers, music health professionals, and technology development researchers are encouraged. The FOA utilizes a phased R61/R33 funding mechanism to support mechanistic research and to evaluate the clinical relevance of music interventions. The R61 phase will provide funding to either investigate the biological mechanisms or behavioral processes underlying music interventions in relevant animal models, healthy human subjects, and/or clinical populations, or can be used to develop innovative technology or approaches to enhance music intervention research. The second R33 phase will provide support for further mechanistic investigations in human subjects or animal models, intervention development, or pilot clinical studies. The pilot clinical studies may focus on intervention optimization/refinement, feasibility, adherence, and/or identification of appropriate outcome measures to inform future clinical research. Transition from the R61 to the R33 phase of the award will depend on successful completion of pre-specified milestones established in the R61.

Next Deadline: October 2, 2020

National Institutes of Health, Standard Due Dates

R01: New, October 5, 2020

R01: Renewal, Revision, Resubmission, November 5, 2020

R15: New, Renewal, Revision, Resubmission, October 25, 2020

R03 & R21: New, October 16, 2020

R03 & R21: Renewal, Revision, Resubmission, November 16, 2020

Michigan Space Grant Consortium, Research Seed Grant

The MSGC Research Seed Grant Program supports junior faculty and research scientists at MSGC affiliate institutions. The program also helps mid-career and senior faculty develop new research programs. The objective of this program is to allow award recipients to develop the research expertise necessary to propose research activities in new areas to other federal or nonfederal sources. Investigators should describe the connection to NASA strategic interests as detailed in NASA Strategic Plan 2014. Preference is given to research focused on aerospace, space science, and Earth system science. Researchers working in other related science, technology, engineering, and mathematics (STEM) fields, including educational research topics in STEM, are also eligible to apply.

Next Deadline: November 11, 2020

National Science Foundation, Dynamics of Integrated Socio-Environmental Systems

The DISES Program supports research projects that advance basic scientific understanding of integrated socio-environmental systems and the complex interactions (dynamics, processes, and feedbacks) within and among the environmental (biological, physical and chemical) and human ("socio") (economic, social, political, or behavioral) components of such a system. The program seeks proposals that emphasize the truly integrated nature of a socio-environmental system versus two discrete systems (a natural one and a human one) that are coupled. DISES projects must explore a connected and integrated socio-environmental system that includes explicit analysis of the processes and dynamics between the environmental and human components of the system. PIs are encouraged to develop proposals that push conceptual boundaries and build new theoretical framing of the understanding of socio-environmental systems. Additionally, we encourage the exploration of multi-scalar dynamics, processes and feedbacks between and within the socio-environmental system.

Next Deadline: November 16, 2020

National Science Foundation, Ecology and Evolution of Infectious Diseases

The multi-agency Ecology and Evolution of Infectious Diseases program supports research on the ecological, evolutionary, and social drivers that influence the transmission dynamics of infectious diseases. The central theme of submitted projects must be the quantitative or computational understanding of pathogen transmission dynamics. The intent is discovery of principles of infectious disease transmission and testing mathematical or computational models that elucidate infectious disease systems. Projects should be broad, interdisciplinary efforts that go beyond the scope of typical studies. They should focus on the determinants and interactions of transmission among any host species, including but not limited to humans, non-human animals, and/or plants. This includes, for example, the spread of pathogens; the influence of environmental factors such as climate; the population dynamics and genetics of reservoir species or hosts; the feedback between ecological transmission and evolutionary dynamics; and the cultural, social, behavioral, and economic dimensions of pathogen transmission. Research may be on zoonotic, environmentally-borne, vector-borne, or enteric pathogens of either terrestrial or aquatic systems and organisms, including diseases of animals and plants, at any scale from specific pathogens to inclusive environmental systems. Proposals for research on disease systems of public health concern to developing countries are strongly encouraged, as are disease systems of concern in agricultural systems. Investigators are encouraged to develop the appropriate multidisciplinary team, including for example, anthropologists, modelers, ecologists, bioinformaticians, genomics researchers, social scientists, economists, oceanographers, mathematical scientists, epidemiologists, evolutionary biologists, entomologists, parasitologists, microbiologists, bacteriologists, virologists, pathologists or veterinarians, with the goal of integrating knowledge across disciplines to enhance our ability to predict and control infectious diseases.

Next Deadline: November 18, 2020

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