

Recently Published Research!



Dr. James Hittner, along with co-authors, recently published their article “Geo-Temporal, Network Properties of the Chinese COVID-19 Epidemic” in *The International Journal of Infectious Diseases*. They applied an adaptation of Network Theory to identify “epidemic nodes (i.e. areas that included the most fatalities per unit of time as well as explicit connections).” They found that the “geo-temporal progression of epidemics” and not just the location of inception seems to be highly structured. These network properties can identify regions of differing mortality. These geo-referenced analyses can be conducted quickly, potentially providing real time information to decision-makers and clinicians. Read the full article [here!](#)

National Oceanic and Atmospheric Administration Funding Opportunity



The Climate Program Office seeks to address climate challenges through high-priority climate science, assessments, outreach, education and capacity-building activities. The fiscal year 2021 grant program supports six different competitions to advance our knowledge of the Earth’s climate system, covering different topics in climate science, which include: (1) emissions, air quality, and heat in urban areas, (2) atmospheric impacts due to changes in anthropogenic activity during the COVID-19 pandemic, (3) new climate monitoring approaches and products for areas of climate risk, (4) process-oriented diagnostics for NOAA climate model improvement and applications, (5) innovative ocean dataset/product analysis and development for support of NOAA observing climate modelling communities, and (6) advancing climate adaptation and coastal community resilience. Applications are due November 30, 2020. For more information, [click here](#).

Robert Wood Johnson Foundation Funding Opportunity



RWJF is accepting proposals for its Evidence for Action program, which funds research that expands evidence needed to build a Culture of Health- one in which good health and well-being flourish and everyone has an opportunity to make choices that lead to healthy lifestyles. Applications are accepted on a rolling basis. For more information, [click here](#).

National Endowment for the Humanities Funding Opportunities



The NEH’s Scholarly Editions and Scholarly Translations program supports collaborative teams who are editing, annotating, and translating foundational humanities texts that are vital to learning and research but are currently inaccessible or are available only in inadequate editions or translations. Typically, the texts are significant literary, philosophical, and historical materials, but other types of work, such as musical notation, may also be the subject of an edition. Applications are due December 2, 2020. For more information, [click here](#).

The NEH is now accepting proposals for its Public Humanities Projects program. The purpose of this program is to support projects that bring the ideas and insights of the humanities to life for general audiences through in-person programming. Projects must engage humanities scholarship to analyze themes in disciplines such as history, literature, ethics, and art history. Applications are due January 6, 2021. For more information, [click here](#).

National Science Foundation Funding Opportunities



The NSF’s Mathematical Sciences Infrastructure Program aims to foster the continuing health of the mathematical sciences research community. Projects should support core research in three main categories: 1) novel projects that serve to strengthen the research infrastructure, 2) training projects, and 3) conferences, workshop, and travel support requests that include cross-disciplinary activities or have an impact at the national scale. Applications are due December 15, 2020. For more information, [click here](#).

NSF’s Ecology and Evolution of Infectious Diseases program supports research on the ecological, evolutionary, and social drivers that influence the transmission dynamics of infectious diseases. Projects should be broad, interdisciplinary efforts that go beyond the scope of typical studies and should focus on the determinants and interactions of transmission among any host species. Applications are due November 18th, 2020. For more information, [click here](#).

Helpful Tip!



In an increasingly virtual world, social media has become an important tool in scientific research. More and more researchers are utilizing social media to share work and research to help reach a wider audience. This article discusses all the ways that social media can be beneficial to scientists and provides tips to using social media platforms for scientific endeavors. [Click here](#) to read the full article!