



February 16, 2021

Research Funding Opportunities

Organization: ONR Solicitation Name: Young Investigator Program (YIP) Due Date: 03/26/2021

Summary: ONR's Young Investigator Program seeks to identify and support academic scientists and engineers who are in their first or second full-time tenure-track or tenure-track-equivalent academic appointment, who have received their PhD or equivalent degree on or after 01 January 2013, and who show exceptional promise for doing creative research. The objectives of this program are to attract outstanding faculty members of Institutions of Higher Education (hereafter also called "universities") to the Department of the Navy's Science and Technology (S&T) research program, to support their research, and to encourage their teaching and research careers. Individuals who are holding U.S. non-profit equivalent positions are also encouraged to apply. **Link:** <https://www.onr.navy.mil/work-with-us/funding-opportunities/announcements>

Organization: NASA Solicitation Name: ROSES: Health and Air Quality Due Date: Various Summary:

The ESD Applied Sciences Program promotes efforts to discover and demonstrate innovative and practical uses of Earth observations. The Program funds applied science research and applications projects to enable near-term uses of Earth observations, formulate new applications, integrate Earth observations and related products in practitioners' decision-making, and transition the applications. The projects are carried out in partnership with public- and private-sector organizations to achieve sustained use and sustained benefits from the Earth observations. The Applied Sciences Program has three primary lines of business: Applications, Capacity Building, and Satellite Mission Planning. The Health and Air Quality application area is managing this program element. This application area supports the use of Earth observations in air quality management and public health, particularly regarding infectious disease and environmental health issues. The area addresses issues of toxic and pathogenic exposure and health-related hazards and their effects for risk characterization and mitigation. The area promotes uses of Earth observing data and models regarding implementation of air quality standards, policy, and regulations for economic and human welfare. The Health and Air Quality Applications area also addresses risks and effects of climate change on public health and air quality to support managers and policy makers in their planning and preparations **Link:**

<https://nspires.nasaprs.com/external/solicitations/summary.do?solId={7E892B3A-4F62-AEB4-6A08-9DCA1977F31A}&path=&method=init>

Organization: NSF Solicitation Name: Hydrologic Sciences Due Date: Open Summary: The Hydrologic Sciences Program supports basic research on the fluxes of water in the terrestrial environment that constitute the water cycle as well as the mass and energy transport function of the water cycle. The Program supports the study of processes including (but not limited to): rainfall, runoff, infiltration and streamflow; evaporation and transpiration; the flow of water in soils and aquifers; and the transport of suspended, dissolved, and colloidal components. The Program is interested in how water interacts with the landscape and the ecosystem as well as how the water cycle and its coupled processes are altered by land use and climate. Studies may address physical, chemical, and/or biological processes that are coupled directly to water transport. Projects submitted to Hydrologic Sciences commonly involve expertise from physical and ecosystem sciences, engineering and/or mathematics; and proposals may require joint review with related programs. **Link:**

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13684&org=NSF&sel_org=NSF&from=fund

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