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## ISCE NEWS FLASH

January 18, 2022



### Welcome Back!

We hope your new semester has started on a positive note despite any weather-related challenges.

This week's *ISCE News Flash* includes multiple new events, including the first of NSF's new policy webinar series focused on topics of interest to the research community, and a webinar offered by the Massive Data Institute on the *Decennial Census Digitization and Linkage Project*. See the **Conferences** section below for details and other events.

Please send any news items to Yancey Crawford  
at [yanceyc3@vt.edu](mailto:yanceyc3@vt.edu) by Friday each week.

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## Funding Opportunities

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### Apply to be an ISCE Scholar Now!

The **ISCE Scholars Program** provides faculty support for developing grant proposals in the social sciences, broadly defined, and consistent with [ISCE's four thematic areas](#). Team proposals aligned with one of Virginia Tech's [Research Frontier](#) areas of Artificial Intelligence, Health, Quantum, and Security are encouraged as are proposals that address disparities and inequalities, societal issues related to climate change, and misinformation and disinformation. Funding up to \$30,000 available.

**Deadline: February 7, 2022**

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### Call for Health Outcomes Research

The PhRMA Foundation is inviting applications for its PhRMA Foundation Research Starter Grant in Health Outcomes Research. **Grants of up to \$100,000 will be awarded in support of health outcomes research**, which spans a broad spectrum of issues related to healthcare delivery, from studies evaluating the effectiveness of a pharmaceutical intervention to the impact of reimbursement policies on outcomes of care. It also ranges from the development and use of patient-level real-world data and tools to perform patient-based assessments to analyses of ways in which health outcomes research results are disseminated to providers or consumers to encourage behavior change. [Click here](#) for details.

**Deadline: February 10, 2022**

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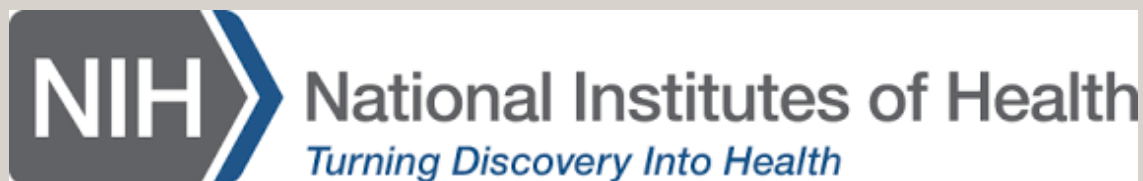
### **2022 Keeling Curve Prize Invites Proposals for Climate Solutions**

The Global Warming Mitigation Project aims to address climate change through the Keeling Curve Prize, which invites proposals for innovative climate change solutions from organizations around the world. **In 2022, two awards of \$25,000 will be awarded in each of the following categories:** carbon sinks; energy; [finance](#); [social & cultural pathways](#); and transport & mobility.

Applications will be accepted on a rolling basis through February 10, 2022 or when five hundred entries have been received. [Click here](#) for details.

**Deadline: February 10, 2022**

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### **NIMH - COVID-19 and Mental Health Research Announcements**

The National Institute of Mental Health (NIMH) has issued a notice to provide potential applicants time to develop responsive applications to upcoming initiatives that encourage **research addressing the quickly evolving data related to mental health in the COVID-19 pandemic**. Funding Opportunity Announcements are expected to be published in early March and will be accepted for FY22 funding. A Notice of Special Interest is also expected to be published in January 2022, with applications being accepted through 2024.

[Click here](#) for details.

### **Additional Notices of Intent to Publish Funding Opportunities**

[Research on Community Level Interventions to Prevent Firearm and Related Violence, Injury and Mortality](#). NIH intends to publish Funding Opportunity

Announcements (FOAs) for community and **community organizational level interventions to prevent firearm and related violence, injury and mortality**. Applications will be encouraged to include multiple levels of intervention and/or multiple sectors, when appropriate, and to be developed in partnership with communities and/or community organizations. [Click here](#) for details.

[Evaluating the Impact of COVID-19 Pandemic-related Food and Housing Policies and Programs on Health Outcomes in Health Disparity Populations.](#)

NIH intends to issue an FOA seeking applications that will identify and evaluate the ongoing and long-term impacts of the COVID-19 pandemic, focusing specifically on governmental policy and programmatic actions that address two specific social determinants of health: food/nutrition security and housing security. [Click here](#) for details.

**HEAL Initiative: Data and Methods to Address Urgent Needs to Stem the Opioid Epidemic**

This study is part of the NIH's Helping to End Addiction Long-term (HEAL) initiative to speed scientific solutions to the national opioid public health crisis. The NIH HEAL Initiative bolsters research across NIH to improve treatment for opioid misuse and addiction and enhance pain management. This FOA seeks research that develops methods, tools, and approaches to integrate existing data sets with wide population coverage, that are real-time or near real-time to provide an infrastructure for pressing answers related to the opioid epidemic. [Click here](#) for details.

**Deadline: March 10, 2022**

**Reissue of Research on Alzheimer's Disease Funding**

The NIH has reissued the funding opportunity, *Research on Current Topics in Alzheimer's Disease and Its Related Dementias* (R01 Clinical Trial Optional). The purpose of this Funding Opportunity Announcement (FOA) is to invite applications proposing research on current topics in Alzheimer's disease and its related dementias. **One Notice of Special Interest, focused on [Health Disparities and Alzheimer's Disease](#) has already been posted.** Further information on the high-priority topics of interest will be announced through additional Notices published subsequent to this FOA. [Click here](#) for details.

**Deadline: March 11, 2022** (first of multiple)

**NEW! Risk and Protective Factors of Family Health**

The National Institutes of Health has issued a new parent announcement, *Risk*

*and Protective Factors of Family Health and Family Level Interventions* (R01 - Clinical Trial Optional) with multiple application deadlines. **The goal of this initiative is to support family level health observational and intervention studies in the biomedical, clinical, population, behavioral or social sciences.** Projects are expected to include family health measures. Projects must include a focus on families from one or more populations that NIH designates as experiencing health disparities in the US and territories. [Click here](#) for details.

**Deadline: June 5, 2022** (first of multiple)

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### **Seeking Pilot Projects related to AI/Tech and Aging**

The a2 Collective represents the National Institute on Aging's (NIA) Artificial Intelligence and Technology Collaboratories for Aging Research (AITC) program, which is dedicated to helping Americans live longer, better through the application of artificial intelligence and emerging technologies. **The a2 Collective has launched the a2 Pilot Awards, a national pilot project competition seeking to fund promising demonstration technology projects with a clear path to commercialization, translational milestones, or technology transfer and at the intersection of AI and aging/ADRD.** Private companies, research organizations, tech startups, and traditional NIH/NIA investigators are encouraged to apply. 10-15 pilot projects with budgets up to \$100,000 will be awarded this year. [Click here](#) for details.

**Deadline: February 18, 2022**

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### **RFP for Human-Animal Interaction Research**

The Human Animal Bond Research Institute has issued an RFP for research to

investigate the health outcomes of pet ownership and/or animal-assisted activity or therapy, both for people and the animals involved. **Proposals should have a strong theoretical framework and focus on innovative approaches to studying the health effects of companion animals on humans** within the following broad categories: child health and development; healthy aging; and mental and physical health and wellness. [Click here](#) for details.

**Deadline: February 24, 2022**

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### **Virginia Catalyst Accepting Letters of Intent**

The Virginia Catalyst, also known as the Virginia Biosciences Health Research Corporation (VBHRC), is accepting letters of intent for Grant Round 13 to fund the development and commercialization of life science projects that address major unmet needs for improving human health and advance Virginia's economy. **The proposal must address a large, unmet need for improving human health and provide a proposed solution that is a product or service to be commercialized;** the team must involve substantive collaboration between investigators from at least two Virginia research universities and an industry partner. [Click here](#) for details.

**Deadline: March 1, 2022**

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### **NSF and William T. Grant Foundation Partnership**

The NSF Directorate for Social, Behavioral, and Economic Sciences has announced a collaboration with the William T. Grant Foundation (WT Grant) on a coordinated call for proposals focused on increasing the public value of scientific research: "Increasing the Use, Usefulness and Impact of Research about Youth." Drawing on their complementary strengths, NSF and WT Grant

are encouraging submission of proposals to help the public and private sector use research to increase quality of life for America's youth. **Proposals may be submitted to either NSF or WT Grant. See the specific [Dear Colleague Letter](#) for details.**

Proposal submissions to NSF in response to this DCL are accepted anytime. Investigators submitting to WT Grant should submit proposals on one of these three application deadlines: January 12, May 4, and August 3, 2022, at 3 p.m.

### **Partnerships for International Research and Education (PIRE): Use-Inspired Research Challenges on Climate Change and Clean Energy**

This PIRE competition invites visionary, ambitious, interdisciplinary, use-inspired research proposals that address scientific challenges related to climate change and/or clean energy. Many cutting-edge research questions require international collaboration and insights from diverse disciplines to address the full complexity of the research. **NSF has updated this solicitation in a number of ways**, including the focus on climate change/clean energy, elimination of the limitation of one proposal per institution and smaller expected award size and shorter duration, among other changes. [Click here](#) for details.

**Deadline: February 8, 2022 (Required letter of intent)**



### **TESS Special Competition Using Targeted Samples**

Time-sharing Experiments for the Social Sciences (TESS) is an NSF-funded initiative. Investigators propose survey experiments to be fielded using a nationally representative US adults sample via NORC at the University of Chicago's probability-based AmeriSpeak® Panel. While most TESS studies involve general population samples, **NORC is excited to announce a Special Opportunity for researchers to propose survey experiments to be conducted on targeted populations of adults** – that is, subgroups of the US population that include only people who share specific characteristics. [Click](#)

[here](#) for more details.

**Deadline: March 15, 2022**

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**Call for 2022-2023 HAPF Applicants Now Open!**

The one-year Health and Aging Policy Fellowship runs from October 1 – September 30 and has full-time and part-time tracks. It is conducted as a hybrid program of mentoring, networking, learning and practicum experiences. The community of 166 fellows work across diverse fields of aging and are committed to improving health and quality of life for older Americans. **There are multiple information sessions offered prior to the April deadline.** [Click here](#) for details on the opportunity and information sessions.

**Deadline: April 15, 2022**

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## Previously Posted Opportunities

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- **Spencer Foundation** - [Letter of Intent for Large Education Research Grants](#)  
Deadline: January 26, 2022
- **National Science Foundation** - Two opportunities:
  - [Designing Accountable Software Systems](#)  
Deadline: January 28, 2022
  - [Future of Work at the Human Technology Frontier: Core Research](#)  
Deadline: March 2, 2022
- **Caplan Foundation for Early Childhood** - [Early Childhood Research](#)  
Deadline: January 31, 2022 (Letters of Inquiry)
- **Center for Retirement Research at Boston College** - [Steven H. Sandell Grant Program](#)  
Deadline: January 31, 2022



- **Alzheimer's & Related Diseases Research Award Fund (ARDRAF) - [Alzheimer's Research](#)**  
Deadline: February 3, 2022
- **Centers for Disease Control & Prevention - [Grants to Prevent Firearm-Related Violence and Injuries](#)**  
Deadline: February 4, 2022
- **Society for Research in Child Development - [Small Grants Program for Early Scholars](#)**  
Deadline: February 4, 2022
- **National Institutes of Health - Multiple opportunities:**
  - [Notice of Special Interest: Research to Address Vaccine Hesitancy, Uptake, and Implementation among Populations that Experience Health Disparities](#); deadline: February 5, 2022
  - [Technology Development to Reduce Health Disparities](#); deadline: February 11, 2022 (first of three)
  - [NIH HEAL Initiative: Preventing Opioid Misuse and Co-Occurring Conditions by Intervening on Social Determinants](#); deadline: March 2, 2022
  - [Understanding Place-Based Health Inequalities in Mid-Life](#); deadline: March 3, 2022
  - [Social Disconnection and Suicide Risk in Late Life](#); deadline: March 15, 2022
- **Open Society Foundations - [Soros Equality Fellowship Program](#)**  
Deadline: February 14, 2022

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## Conferences, Seminars and Events

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### **Social and Computer Scientist Mixer Still Accepting Registrations!**

As artificial intelligence, computers and computer-assisted technologies are becoming more and more integral to most aspects of society, interdisciplinary research across computer, information and social science disciplines is needed

to address the transformative reach of these technologies and their implications for economic systems and civil society. Funding agencies likewise recognize this need and are instigating new or more calls for this kind of inter- and transdisciplinary work, as exemplified by the recent NSF "Dear Colleague Letter" for Secure and Trustworthy Cyberspace.

**To help faculty in computer and social science disciplines become better acquainted for possible research team-building, ISCE and the Department of Computer Science are planning a "meet and greet" event January 27th from 4:00-6:00 p.m.** Interested faculty in the social sciences and humanities, please [complete this short survey](#) to gauge possible participation and/or to register.



**Webinar: The Decennial Census Digitization and Linkage project**

The Massive Data Institute at Georgetown University will be offering a **seminar via Zoom called "The Decennial Census Digitization and Linkage Project" (DCDL) on Thursday, January 27th from 1:00-2:00 p.m.** Dr. Katie R. Genadek from the US Census Bureau will describe the project, which will digitize and link individual records across the 1960-1990 censuses and create tools to improve the dissemination of these data. When combined with already-available linkages between the censuses of 1940, 2000, 2010, and soon-to-be 2020, DCDL will complete a massive longitudinal data infrastructure covering almost the entire U.S. population since 1940. The resulting data resource will provide transformational opportunities for research, education, and evidence-building across the social, behavioral, and economic sciences. [Click here](#) to register.



### NSF to Offer Policy Webinar Series: Current & Pending Support

The National Science Foundation (NSF) is launching a 2022 NSF Policy Office Webinar Series that will focus on specific topics of interest to the research community. **The first webinar, covering NSF's Current and Pending Support policy and frequently asked questions, will take place on January 31, 2022 at 2:00 pm EST.** There is no cost to participate. [Click here](#) to register.



### The U.S. Care Infrastructure: From Promise to Reality

The Institute for Women's Policy Research, American University, and the Carework Network invite you to save the date for their upcoming event: "*The U.S. Care Infrastructure: From Promise to Reality*," which will be held on March 4-5, 2022 in Washington, DC and online. President Biden's Build Back Better agenda has set ambitious goals for the U.S. care infrastructure. **This conference will convene academics, policy researchers, advocates, and policymakers to explore critical issues and policy proposals for the care industry,** including paid family and medical leave, care for older adults and people with disabilities, child care issues, and racial/equity issues in the industry. [Click here](#) for details.



### 2021-2022 Biomedical Data Science Innovation Lab

**This hybrid event, with four virtual microlabs and a five-day residential workshop, will focus on the ethical challenges of applying AI technologies in biomedicine** for quantitative and biomedical researchers. The four virtual days will be held on April 8, May 13 and June 3, 2022 and the week-long residential workshop will be held on June 13-17, 2022 in Boar's Head Resort in Charlottesville, VA. This facilitated and mentored workshop will tackle the challenges of ethically working with datatypes in support of AI systems and how AI might be made ethical against best practice recommendations. [Click](#)

[here](#) for details.

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## Announcements & Faculty News

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### NIH Early-Stage Investigator Paper Competition Now Open

The NIH OBSSR Matilda White Riley Early-Stage Investigator Paper Competition **awards recognize emerging scientists whose research reflects Dr. Matilda White Riley's vision of research excellence in health-related behavioral and social sciences.** OBSSR will invite up to four awardees to present the findings from their accepted paper and participate in a moderated discussion of future research possibilities during the 15th NIH Matilda White Riley Behavioral and Social Sciences Honors, to be held virtually on Friday, June 3, 2022. [Click here](#) for details.

**Deadline: January 31, 2022**



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