

Northeast Big Data Hub Newsletter | August 4, 2020

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NORTHEAST BIG DATA INNOVATION HUB

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Seed Fund Announcement

The Northeast Big Data Hub is delighted to announce our Seed Fund program this month. The Seed Fund is designed to promote collaboration and support the cross-pollination of tools, data, and ideas across disciplines and sectors including academia, industry, government, and communities. Funding provided through this program is intended to support the northeast region and align with the Major Goals and Focus Areas of the Northeast Big Data Hub.

Two programs are open for applications as part of the 2020 Seed Fund program:

[Seed Fund Grants](#) | [Northeast Student Data Corps](#)

Applications will be considered in two rounds, with deadlines on August 31st and October 1st, 2020.

Learn more via the above links. Join our webinar this Monday, August 10th from 1-2pm ET to hear from our seed fund steering committee chair David Bader (NJIT) and find out how to apply.

[Register for the Webinar](#)

Any questions? Drop us a line at contact@nebigdatahub.org.



Join the COVID Information Commons Community

Introducing the COVID Information Commons

Last month, the Northeast Hub launched the [COVID Information Commons](#) (CIC) in collaboration with the Midwest Big Data Innovation Hub, South Big Data Innovation Hub, and West Big Data Innovation Hub.

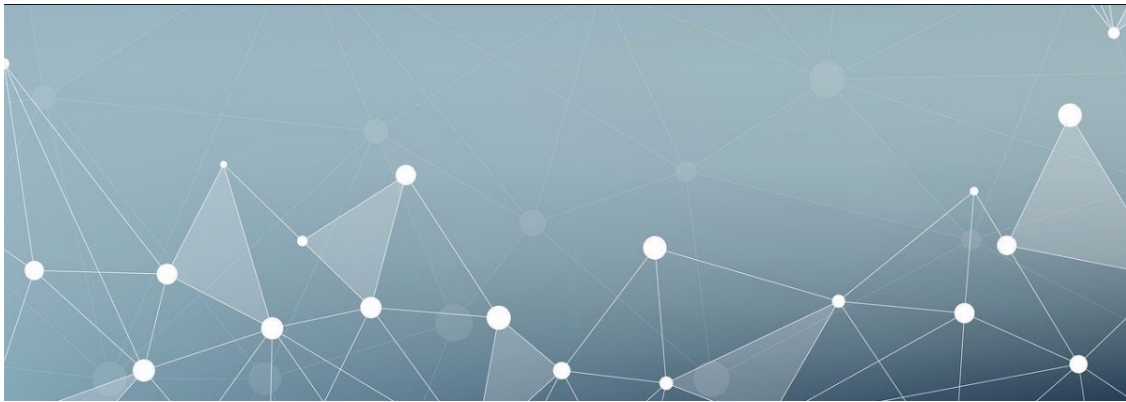
Funded by NSF COVID Rapid Response Research Award #[2028999](#), the CIC is an open website to facilitate knowledge sharing and collaboration across various COVID research efforts, especially focusing on NSF-funded COVID Rapid Response Research (RAPID) projects. The CIC serves as resource for researchers, students, and decision-makers from academia, government, not-for-profits, and industry to identify collaboration opportunities and accelerate the most promising research to mitigate the broad societal impacts of the COVID-19 pandemic.

WATCH: The recording of our launch and demo webinar is available at [covidinfocommons.net](#) as well as on [YouTube](#).

LEARN MORE: [Slides](#) from the webinar are available at [covidinfocommons.net](#), below the July 15 launch + demo video. While you're there, you can explore the live site!

JOIN THE COMMUNITY: The [CIC Slack community](#) is a space for discussion and collaboration among PIs and other stakeholders engaged in COVID research.

We will be announcing further CIC events to showcase lightning talks from 40+ PI volunteers over the next few months. **If you are interested in hearing more and did not opt-in at registration for future email updates, you may [sign up here!](#)**



Public Comment Invited on Harnessing the Data Revolution Report

What does a thriving data science ecosystem look like? To seek answers to that question, the [Big Data Innovation Hubs](#) created a community survey in 2019 and organized a set of virtual events in 2020, aimed at gathering insights from the Harnessing the Data Revolution PI community. The findings have now been synthesized into a report by social science research firm [Knology](#).

We'd like your input. The Hubs invite the public to share their feedback on the report by Monday, August 31st at 5pm. Feedback from respondents will be reflected in the final report, to be provided to the National Science Foundation.

Visit bigdatahubs.org/hdrcoordination to read the report and submit your feedback.

Success Stories

As part of the recent relaunch of our [website](#), we've created a new [Success Stories](#) page to highlight past, current, and future projects that reflect the spirit of collaboration that forms our mission and align with one or more of our focus areas. Read about some of the most recent initiatives from our collaborators below:

From our colleague Ryan Baker (UPenn) in our Education + Data Literacy focus area:

[careers](#)

- [Massive online open course teaches machine learning and data mining for education research](#)

From our colleague Ivon Arroyo (UMass Amherst) in our Education + Data Literacy focus area:

- [Data-driven workshops help teachers understand and engage with students](#)

From our colleague Chase Wu (NJIT):

- [Using machine learning to optimize big data workflows for collaborative computational steering](#)

Look for more to come! Have a success story you want to share? [Learn more here](#) about what we're looking for and how to get in touch.

Events

*Denotes opportunities not organized by the Big Data Hubs or Spokes

DEFCON Biohacking Village: Advancing Medical Device Security Panel

August 8, 2020, 3:30-4:30 PM ET

Virtual

[Click here to learn more and register.](#)

Join Northeast Hub Executive Director Florence Hudson and four other panelists working toward improving medical device security through multiple channels for a discussion on how provider, vendor, and security collaborations are leading toward significant improvements in medical device security. These panelists and moderator represent the organizations working to actively collaborate between the independent researchers, device vendors, information security officers, clinical engineering, electronic medical records vendors, and security companies with a goal of continual improvement.

Northeast Big Data Hub Seed Fund Webinar and Q&A**August 10, 2020, 1:00 PM ET****Virtual**[Click here to learn more and register](#)

Science Gateways Community Institute Webinar Series***August 12, 2020, 1:00-2:00 PM ET****Virtual**[Click here to learn more and register.](#)

The Science Gateways Community Institute (SGCI) provides NSF-funded, online and in-person resources and services to facilitate the sharing of experiences, technologies, and practices of those working with science gateways. SGCI hosts a webinar series on the **second Wednesday** of each month from **1:00-2:00 PM ET/10:00-11:00 AM PT** featuring tool and technology demos, best practices, and gateway showcases. The August 12 webinar will introduce the CIPRES Workbench Framework, an open source software framework for creating new science gateways with minimal overhead, designed to be highly configurable/customizable. It has been used to create gateways that support phylogenetics, neurosciences, and cryo-electron microscopy.

TrustedCI Webinar Series**August 24, 2020, 11:00 AM ET****Virtual**[Click here to learn more \(registration link pending\).](#)Topic: [Researcher Passport](#).

CODATA International FAIR Convergence Symposium 2020***November 30-December 4, 2020****Virtual**

This event will convene a global community with an interest in combining data across domains for a host of research issues—including major global challenges, such as those relating to the Sustainable Development Goals or the COVID-19 pandemic. Outcomes will directly inform the [CODATA Decadal Programme 'Making data work for cross-domain grand challenges'](#) and the [GO FAIR community's convergence](#) towards bottom-up development of the Internet of FAIR data and services globally. **Proposals for sessions should be submitted by September 30, 2020, and proposals for posters/lightning talks by October 31, 2020.**

Opportunities

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[NSF Civic Innovation Challenge*](#)

Deadline: August 3, 2020

[Let's Make It Count: National Census Data Competition for High School Students](#)

Deadline: December 31, 2020

To suggest items for an upcoming newsletter, please email contact@nebigdatahub.org. We welcome news, events and opportunities from across the Northeast and beyond!

Help build our community by forwarding Hub news widely, and encourage your colleagues to sign up for updates from the Northeast Hub via [this web form](#).

Thank you, and be well — Katie Naum, Operations Manager



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