Re: [EXTERNAL] COVID-19 Tech and Research Task Force: March 16 Update

From: Madi Jacox <(b)(6)

To: "Wilson, Matt B. EOP/OSTP" (b)(6)

Cc: "Parker, Lynne E. EOP/OSTP" (b)(6) >

Date: Tue, 17 Mar 2020 12:02:35 -0400

Attachments: Clinical Health Data Workstream.pdf (58.95 kB); Hosting & Privacy Data Workstream.pdf (59.71 kB); _Location Data Workstream.pdf (57.96 kB)

Thanks for your patience, Matt!

Three workstreams, attached. As they change, I'll give a think as how to best keep you up-to-date.

On Tue, Mar 17, 2020 at 5:14 AM Wilson, Matt B. EOP/OSTP <(b)(6) > wrote:

> Hi Madi-
>
> I'd be interested in reading the charters of the three groups. However, Google Docs is blocked on our machines. Are you able to paste them into a word doc or email for Lynne and me? If you want to wait until closer to the calls today to ensure they are the latest version, that works. Thank you!
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> Matt
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> **From:** Madi Jacox (b)(6)
> **Sent:** Monday, March 16, 2020 8:12 PM
> **To:** Dave Zvenyach <(b)(6) >; Josh Mendelsohn (b)(6)
> **Subject:** [EXTERNAL] COVID-19 Tech and Research Task Force: March 16 Update
>
> Hi, All –
>
> To those of you that joined our efforts today, welcome. To those who have been with us for a touch longer, thank you for your continued engagement and flexibility with such tight turn-around times. Brief updates, below –

I. **Three calls will be taking place tomorrow**, to draft charters and build out more robust considerations in preparation for our Task Force-wide call on Wednesday (03/18):

1. Hosting & Privacy (1:00-2:20pm EST)
2. Location Data (2:30-3:50pm EST)
3. Clinical Data (4:00-5:20pm EST)

If you or your company expressed explicit interest in one of the above, you will have received an invitation with dial-in to that meeting's calendar entry. If you would like to be included in any additional calls, please let me know. Initial invitations were sent in the interest of sparing inboxes a deluge of meetings, but all are open to those who wish to participate.

II. We will convene for our next Task Force-wide call on Wednesday (03/18) at 3pm EST. Calendar invite forthcoming.

III. Logistics –

Three working charters for Hosting & Privacy, Location Data, and Clinical Data are linked. Don't hesitate to add your thoughts, we welcome – and need – collective input.

The Slack channel is up and running, with 55 members and growing. Don't hesitate to reach out via that medium should you need to be in touch with anyone on the Task Force. Additionally, should any team members need to be added to communication efforts, let me know.

Huge, continued thanks. Looking forward to seeing many of you tomorrow. Until then, be well –

Madi Jacox

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Purpose of this document: A lot of work has already been done by various companies and organizations that can be useful in the response to COVID-19. In an effort to be comprehensive about that work, identify what gaps exist, and what challenges remain, we ask you to contribute to the below sections in advance of Wednesday's call.

COVID-19 Tech Taskforce
Workstream Name: Clinical Health Data

Members: AWS, Color Genomics, Emsi, Gates, Google, Ro, NAVIGO

Goals and opportunities
To assist researchers at the CDC, academic institutions, and other public-health officials, capture clinical location data to assess resource capacity, effectiveness of policy interventions, community education, and disease surveillance.

Planned operation outcome
Identify and provide clinical datasets for use in developing forecasting models and informing disease surveillance.

Existing data
For this section, we have put together the high-level information we received on the call, please add additional information or correct any errors.

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Other known working groups / efforts

- NAVIGO is has a public facing assessment that could be used for screening, education, data creation/collection, and other ideas to help improve the interaction at testing centers. Prototype here: https://covid-19.navigo.cc/coronavirus/covid-19-my-risk-assessment

Concerns
For this section, we have put together the high-level information we received on the call, please add additional information or correct any errors.

- Privacy
- BAAs / PHI
- Coordination
- Redundancy
- Sparsity of data / data quality
- Pipeline access/aggregation/hosting
- Choke Points in testing processes

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COVID-19 Tech Taskforce
Workstream Name: Location Data

Members: Camber, ESRI, Facebook, Google, Harvard School of Public Health, Nielsen, Unacast, Uber, Veraset

Goals and opportunities
To assist researchers at the CDC, academic institutions, and other public-health officials, capture non-clinical location data to assess contact rates, social distancing, effectiveness of policy interventions, and disease surveillance.

Planned operation outcome
Identify and provide non-clinical geolocation datasets for use in developing forecasting models and informing disease surveillance.

Existing data
For this section, we have put together the high-level information we received on the call, please add additional information or correct any errors.

- Veraset/Unacast/Camber. Mobile location data.
- Uber. Trip data.
- Google. Search data.
- Esri. Hospital location data, bed capacity/utilization.
- Nielsen. Media behavior changes.

Other known working groups / efforts

Concerns
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- Privacy
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COVID-19 Tech Taskforce
Workstream Name: Hosting and Privacy

Members: AWS, ESRI, Facebook, Google, Harvard School of Public Health, Microsoft, Mozilla, Salesforce

Goals and opportunities
To assist researchers at the CDC, academic institutions, and other public-health officials, capture non-clinical location data to assess contact rates, social distancing, effectiveness of policy interventions, and disease surveillance.

Planned operation outcome
Create a secure, privacy respecting environment for researchers to aggregate and analyze data to forecast and model COVID-19 related location and clinical data.

Existing data
For this section, we have put together the high-level information we received on the call, please add additional information or correct any errors.

Other known working groups / efforts

Concerns
For this section, we have put together the high-level information we received on the call, please add additional information or correct any errors.

- Privacy
- Security / compliance
- Coordination
- Redundancy
- Pipeline access/aggregation/hosting
- Authentication/Authorization
- Data retention
- Concerns about reidentification, "deanonymization" and joining multiple datasets.
- Limitations on repurposing of data provided for non-coronavirus related purposes
- Limitations on providing data on non-United States persons