

(b) (5)

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FW: Comment? Markey Queries White House on Plans to Use Americans' Location Data for Coronavirus Response

From: "Hernandez, Elena R. EOP/OSTP" (b)(6)
:
"Baum, Kristina R. EOP/OSTP" (b)(6) "Kratsios, Michael J.
To: EOP/OSTP" (b)(6) v>, "Parker, Lynne E. EOP/OSTP"
<lynne.e.parker@ostp.eop.gov>
Date: Thu, 19 Mar 2020 11:00:45 -0400

(b) (5)

From: Herchenroeder, Karl (b)(6) >
Sent: Thursday, March 19, 2020 10:59 AM
To: Gillfillan, Ross T. EOP/OSTP (b)(6) >; Hernandez, Elena R. EOP/OSTP (b)(6) >
Subject: [EXTERNAL] Comment? Markey Queries White House on Plans to Use Americans' Location Data for Coronavirus Response

Hi,
Has the White House released a statement on reports the US government is in consultation with Facebook, Google and other tech companies about leveraging location data to track the spread of the coronavirus?

Best Regards,
Karl Herchenroeder
Assistant Editor/tech reporter
Communications Daily
(b)(6)

From: Barry, Giselle (Markey) <Giselle_Barry@markey.senate.gov>
Sent: Thursday, March 19, 2020 9:23 AM
To: Barry, Giselle (Markey) <Giselle_Barry@markey.senate.gov>
Subject: Markey Queries White House on Plans to Use Americans' Location Data for Coronavirus Response

FOR IMMEDIATE RELEASE

Contact: Giselle Barry (Markey) 202-224-2742

Markey Queries White House on Plans to Use Americans' Location Data for Coronavirus Response

Reporting in the Washington Post revealed the Trump Administration is discussing partnership with major tech companies to fight the COVID-19 pandemic by leveraging users' location data

Washington (March 19, 2020) – Senator Edward J. Markey (D-Mass.), a member of the Commerce, Science and Transportation Committee, today sent a letter to the Office of Science and Technology Policy (OSTP) regarding recent reports that it is considering future partnerships with companies including Google, Facebook, IBM and others, some of which would involve analyzing information about the location of those companies' users, to stop the spread of the novel coronavirus. In his letter, Senator Markey affirms that the federal government “must use technological innovations and collaboration with the private sector to combat the coronavirus,” but raises concerns about the privacy risks that location data collection and processing pose.

“A person’s location information can reveal other sensitive details, such as a place of employment, religious affiliation, or political preferences,” writes Senator Markey in his letter. **“We need assurances that collection and processing of these types of information, even if aggregated and anonymized, do not pose safety and privacy risks to individuals.”**

A copy of Senator Markey’s letter can be found [HERE](#).

The Senator asks for response to questions that include:

- How will any data be collected and stored, and what data security safeguards will be in place to protect this data from malicious attacks or inappropriate access?
- Who will have access to location data collected for fighting COVID-19? Will you restrict use of this data solely to purposes of fighting COVID-19? If not, why not?
- Please identify any companies with which the Administration is collaborating to use location data for fighting COVID-19 and describe the nature of these collaborations in detail.
- Please describe the location data to be used in any projects that the Administration is considering, including the granularity of data, how it was initially collected, how it is being anonymized and aggregated, and how the Administration is ensuring that it cannot later be de-anonymized.
- Please detail the evidence-based rationale for these collaborations and the specific objectives they aim to achieve.

###

FW: [EXTERNAL] The Washington Post: Government efforts to track virus through phone location data complicated by privacy concerns

From: "Burger, Eric W. EOP/OSTP" (b)(6)

To: "Kratsios, Michael J. EOP/OSTP" (b)(6)

Date: Fri, 20 Mar 2020 07:53:04 -0400

(b) (5)

From: Eric Burger (b)(6)

Sent: Friday, March 20, 2020 7:43 AM

To: Burger, Eric W. EOP/OSTP (b)(6)

Subject: [EXTERNAL] The Washington Post: Government efforts to track virus through phone location data complicated by privacy concerns

(b) (5)

><https://www.washingtonpost.com/technology/2020/03/19/privacy-coronavirus-phone-data/><

—
Sent from a small device with a small keyboard with often bizarre autocorrecting.
How did this happen.? Partial blame goes to
LEMONADE. ><https://standardstrack.com/ietf/lemonade/index.html><

RE: [EXTERNAL] COVID-19 Tech and Research Task Force: March 22 Update

From: "Wallace, Rachel A. EOP/OSTP" (b)(6)

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

Date: Mon, 23 Mar 2020 16:27:18 -0400

Lynne,

(b) (5)

Thanks.
Rachel

From: Parker, Lynne E. EOP/OSTP (b)(6)
Sent: Monday, March 23, 2020 2:46 PM
To: Wallace, Rachel A. EOP/OSTP (b)(6)
Cc: Parker, Lynne E. EOP/OSTP (b)(6)
Subject: FW: [EXTERNAL] COVID-19 Tech and Research Task Force: March 22 Update

(b) (5)

From: Parker, Lynne E. EOP/OSTP (b)(6)
Sent: Sunday, March 22, 2020 10:01 PM
To: 'Connor Spelliscy' (b)(6)
Cc: Wilson, Matt B. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Josh Mendelsohn (b)(6); Madison Jacox <(b)(6)>; Dave Zvenyach (b)(6); Parker, Lynne E. EOP/OSTP <Lynne.E.Parker@ostp.eop.gov>
Subject: RE: [EXTERNAL] COVID-19 Tech and Research Task Force: March 22 Update

Dear Connor, Madi, Josh,

Many thanks for the updates. Your group has been great at pulling together industry and organizing folks during this crisis around issues of importance to your group.

I just want to make sure there is no confusion among your members – the Tech Task Force is a private sector group with no government affiliation. Given that, can you please remove me and my OSTP colleagues from any Task Force emails and calendar invitations? Our inclusion may be confusing to your members, and be misinterpreted as the USG endorsing this effort or it being a joint effort.

We were glad to connect you with the CDC who described their data gaps in modeling the effects of mitigation strategies on disease transmission. But it is worth noting that WH OSTP is not engaged in any activities relating to location data. If you are able to help CDC in their modeling work, then that would be great. But OSTP does not need to be looped into those efforts.

I encourage you as private sector tech companies to continue self-organizing around any topics you think will make a difference in this challenging time.

All the best,
Lynne

Lynne E. Parker, Ph.D.

Deputy Chief Technology Officer of the United States
The White House

Office: (b)(6)

From: Connor Spelliscy (b)(6) >
Sent: Sunday, March 22, 2020 9:12 PM
To: Connor Spelliscy (b)(6)
Cc: Parker, Lynne E. EOP/OSTP (b)(6); Wilson, Matt B. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Josh Mendelsohn (b)(6); Madison Jacox (b)(6); Dave Zvenyach (b)(6)
Subject: [EXTERNAL] COVID-19 Tech and Research Task Force: March 22 Update

Hello All -

Thank you for your quick contributions over the past week. We have some key updates to share with you:

1. ***Weekly Task Force-wide update calls will take place on Tuesdays at 5-5:30pm ET.*** We will use these calls to discuss updates on workstream progress and communications with government. Please attend and share ideas and resources that could help us maximize the impact of member work. *We will circulate invitations later tonight and an agenda tomorrow.*
2. ***We have onboarded PMs for each of our workstreams.*** Please expect emails from the relevant PMs on the specific workstreams that you have signed up for.

We continue to clarify the scope of the Task Force's workstreams based on needs identified in ongoing conversations with the CDC, White House (OSTP and OAI), and Harvard School of Public Health. We are passing workstream descriptions along in consolidated form for those of you who joined us recently, or who have not participated in all workstream calls:

1. **Location Data Stream** - Develop dashboards and data pipelines that provide researchers, policymakers, and epidemiologists with information about efficacy of enacted response policies, such as social distancing, which allow them to forecast the spread of COVID-19 and better inform decision makers for both policy and resource allocation.

For example, members have developed a dashboard identifying social distancing metrics, including radius of gyration and entropy, in the 500 biggest cities in the country. At its most basic, this tool could be used to measure the success of social distancing policies enacted in communities across the country, and allow governments to adjust as necessary. Below are preliminary snapshots of the dashboard, which is still a work in progress with researchers. Red indicates higher levels of movement and blue indicates lower levels.



2. **Clinical Data Stream** - There is significant, high-quality granular data, which cannot currently be used because it contains or is tied to personal information. The use of that data could make a material difference to our response to COVID-19. We intend to rapidly increase availability of this data by working with providers on de-identification and aggregation, and use the data collected to develop dashboards and pipelines for health systems, policymakers, and researchers.
3. **Hosting and Privacy Stream** - Ensure that all of our data collection, storage, and use complies with privacy regulations and ethical concerns, while also ensuring that we are effectively using available data to respond to COVID-19. This stream is complementary to (1) and (2); we have extracted it because maintaining compliance with privacy and ethical considerations is a significant and necessary task.
4. **State + Local Stream** - Provide state and local policymakers, regulators, and health systems with tools and data they can leverage to most effectively respond to COVID-19.

Please reach out to (b)(6) or (b)(6) if you have any questions or input.

Thank you,

--

Connor Spelliscy
Director of New Platforms and Legal @ [Hangar](#)

FW: [EXTERNAL] Fwd: does OSTP want something like this?

From: "Taylor, Jake M. EOP/OSTP" (b)(6) [redacted]
(b)(6) [redacted]

To: "Parker, Lynne E. EOP/OSTP" (b)(6) [redacted]

Date: Mon, 23 Mar 2020 14:27:01 -0400

Attachments : COVID-19 Technology and Research Task Force.docx (20.06 kB)

(b) (5) [redacted]

Thanks!

From: Thomas Kalil (b)(6) [redacted]
Sent: Monday, March 23, 2020 2:22 PM
To: Taylor, Jake M. EOP/OSTP (b)(6) [redacted]
Subject: [EXTERNAL] Fwd: does OSTP want something like this?

Is this team actually in touch with you?

Title: COVID-19 Data Products to Support Decision Making of Policy Makers	Recipient: Engine Foundation (fiscal sponsor)
--	--

Background/Context:

Hangar has convened the COVID-19 Technology and Research Task Force (“Task Force”), in coordination with the White House (OSTP, OAI), public health researchers (CDC, Harvard, MIT, Princeton), and various technology companies. They are serving as a middleman between tech companies and government, creating data products that governments can use to inform and target their coronavirus response, in areas such as social distancing effectiveness and resource availability (health system capacity, hospital beds, etc.) They have already hired an initial team and will ship their first product, an internal reporting dashboard for NYC, within the next week.

New idea and technical component:

This proposal goes towards building three different data products. These products are essential policy tools for responding to the spread of COVID-19. The products will forecast the spread of COVID-19 and allow government officials and health system leaders to better allocate resources to communities and patients. A well-informed, evidence-based, response to COVID-19 could save countless lives and billions in economic loss.

1. Location Data Stream -

- *Description* - dashboards and data pipelines that will provide policymakers, researchers, and epidemiologists with information about efficacy of enacted response policies, such as social distancing, which will allow them to forecast the spread of COVID-19 and better inform decision-makers for both policy and resource allocation. By way of example, the team has just developed a dashboard identifying social distancing metrics in New York City, with information pulled from several of Hangar’s data providers.
- *Goal* - Increase situational awareness and forecasting abilities that will assist with government immediate decision making process
- *Project needs* - One Project Manager and one Product Manager for two months

2. Clinical Data Stream -

- *Description* - Dashboards and data pipelines that will provide de-identified clinical data to health systems, policymakers, and researchers. There is significant, high-quality granular data, which cannot be used because it contains or is tied to personal information. The use of that data could make a material difference to Hangar’s response to COVID-19. Hangar intends to rapidly increase availability of this data by working with providers on de-identification, anonymization, and aggregation.

- *Goal* - Increase situational awareness and forecasting abilities that will assist with government immediate decision making process
- *Project needs* - One Project Manager for two months

3. Hosting and Privacy Stream -

- *Description* - Ensure that all of Hangar's data collection, storage, and use complies with privacy regulations and ethical concerns, while also ensuring that it is effectively using available data to respond to COVID-19. This stream is complementary to (1) and (2); Hangar has extracted it because maintaining compliance with privacy and ethical considerations is a significant and necessary task
- *Goal* - To support and allow effective deployment of products (1) and (2)
- *Project needs* - One Project Manager for two months

The asks for these products were received from the White House (OSTP and OAI), CDC, and state/local government in New York, as well as researchers at Harvard University School of Public Health, Buckee Lab (in association with Princeton, MIT, and other institutions); to make queries of immediate impact for public sector decisionmakers. Hangar intends for its work to also quickly reach other policymakers, researchers, and health systems with which they are not already in contact.

For example, the CDC asked for dashboards and pipelines that could assist them in not only measuring efficacy of enacted social distancing policies, but also anticipating which communities will be the next centers of the outbreaks. Products (1) and (2) would help them anticipate this based on the flow of people from existing disease centers. This information would also be used to make decisions about government resource allocation: where they should be distributing additional medical devices, where they should focus testing, where they need to build additional facilities for patients, etc.

The data and products made available by (1) and (2) could also assist with products available to the general public to enable individuals to mitigate the spread of infection. For example, one of the product concepts Hangar has developed with contributions from Dr. Caroline Buckee, is a nationwide social-distancing scorecard for use by cities and local government entities to combat the COVID-19 pandemic. The scorecard would provide daily and weekly metrics related to social distancing, timely feedback for local public health officials around the efficacy of interventions (including messaging and impact on resource allocation), and support additional academic research and access to these data and metrics in a privacy-forward and anonymity-respecting manner. Dr. Caroline Buckee is the Associate Director of the Center for Communicable Disease Dynamics and Associate Professor of Epidemiology at the Harvard School of Public Health.

Data is currently sourced from four different data vendors. The team will continue to gather additional datasets from vendors and from the members of our Task Force. One of the objectives of the Task Force is to gather datasets from participating organizations, including Amazon, Datavant, Google, Mozilla, Salesforce, Twitter, Uber, Unacast, Veraset, etc. They have also access to de-

identified health data through Datavant and are in the process of gathering de-identified datasets from other vendors and members of the Task Force.

Summary of intended outcomes:

Significantly improve ability of government officials across departments to make informed, evidence based decisions by providing products that will increase situational awareness and forecasting abilities. Ultimately delivery speed will depend on the amount of data Hangar is analyzing and the amount of resources it has dedicated to the work.

The shipment of the MVPs will be done on a rolling basis. They have hired their initial team and intend to ship their first product, an internal reporting dashboard for NYC, within the next week.

Following that, if they do not receive further resources, it will be an additional 2-3 weeks before they would be able to ship another dashboard. The term of support will be two months.

Why this team / why these partners:

Hangar is working with many of the most important stakeholders in orchestrating the U.S. response to COVID-19 including the White House (OSTP, OAI), public health researchers (CDC, Harvard, MIT, Princeton), and the CTOs, CMOs, CDOs, and their respective teams from leading technology organizations including Amazon, Apple, Camber, CDC, CLEAR, Color Genomics, Datavant, Emsi, ESRI, Gates Foundation, Google, IBM, Investing in US, Liveramp, Microsoft, Mozilla, Nielsen, Oregon VC, Public Democracy, Ro, R4 AI, Roivant, Safegraph, Salesforce, SAP, SAS, Sesh, SV Angel (Ron Conway), Tech:NYC, Twitter, Uber, Unacast, Pioneer, US Chamber of Commerce, US Office of Science and Technology Policy, and Veraset. The list of partners grows hourly.

Hangar builds companies that have the potential for public impact at scale. It works with stakeholders throughout the public sector market to identify areas where technology can help deliver improved services and outcomes for citizens. It then funds and builds technology companies that provide innovative and scalable solutions for some of today's most vexing challenges. Hangar's partnership:

Josh Mendelsohn

- Co-Founder at Hattery (sold to Google and 1776); operating roles at Sequoia Capital; advisor to startups, Harvard's iLab, Stanford StartX, U.S. Department of Defense.
- Google roles in product management. Creator of the Google Disaster Response Program, now part of Google.org.
- Formerly at U.S. Department of Defense, Office of the Secretary of Defense.
- Two-time startup founder, founder of nonprofit Engine.
- Harvard College.

Phaedra Chrousos

- Chief innovation officer, The Libra Group.
- Former commissioner of U.S. government's Technology Transformation Service.
- Co-founder and COO at Daily Secret.

- Co-founder and president at HealthLeap.
- Georgetown University. London School of Economics. Columbia Business School.

Mike Ference

- Partner, S-3 Public Affairs.
- Former Director for Strategic Development and Senior policy advisor for Eric Cantor.
- Senior policy advisor to Roy Blunt.
- Leader on policies related to entrepreneurship, technology, finance, environment.
- Entrepreneur in the energy space. St. Joseph's University.

Ricky Opaterny

- Google roles in product management, operations, sales, and communications.
- Serial entrepreneur, multiple startup founder.
- General manager at Hattery; advisor to startups in the energy, sharing economy, and media industries.
- University of California, Berkeley. NYU Stern School of Business.

Amount: \$420,000

Recipient type: Engine.Is is a 501c(3) that will serve as a fiscal sponsor

Charitable purpose: Containment of COVID19

Who prepared this grant at Schmidt Futures:

Is there any relationship to the grantee: No

Is this a people, platforms, or infrastructure investment? Platforms

Appendix - Budget Breakdown (for two months)

- 3 Project Managers + 1 Product Manager - \$120,000 (\$15,000 cost per person per month)
- Data storage - \$200,000
- Salaries of existing team working exclusively on COVID response - \$100,000 (\$50,000 per month)

RE: (b) (5)

To: "Wallace, Rachel A. EOP/OSTP" (b)(6)

Date: Mon, 23 Mar 2020 19:19:41 -0400

(b) (5)

Lynne E. Parker, Ph.D.

Deputy Chief Technology Officer of the United States
The White House

Office: (b)(6)

From: Wallace, Rachel A. EOP/OSTP (b)(6)

Sent: Monday, March 23, 2020 7:06 PM

To: Parker, Lynne E. EOP/OSTP (b)(6)

Subject: (b) (5)

(b) (5)

Many thanks!
Rachel

From: Parker, Lynne E. EOP/OSTP (b)(6)

Sent: Monday, March 23, 2020 6:35 PM

To: Wallace, Rachel A. EOP/OSTP (b)(6) >

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

Subject: (b) (5)

(b) (5)

DRAFT

(b) (5), (b) (6)

(b) (5)

Thanks much,
Lynne

Lynne E. Parker, Ph.D.
Deputy Chief Technology Officer of the United States
The White House

From: Parker, Lynne E. EOP/OSTP (b)(6)
Sent: Sunday, March 22, 2020 10:01 PM
To: 'Connor Spelliscy' (b)(6)
Cc: Wilson, Matt B. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP
<(b)(6)>; Josh Mendelsohn (b)(6); Madison Jacox
(b)(6); Dave Zvenyach (b)(6); Parker, Lynne E. EOP/OSTP
(b)(6)
Subject: RE: [EXTERNAL] COVID-19 Tech and Research Task Force: March 22 Update

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Deputy Chief Technology Officer of the United States
The White House

Office: (b)(6)

From: Connor Spelliscy (b)(6)

Sent: Sunday, March 22, 2020 9:12 PM

To: Connor Spelliscy (b)(6) >

Cc: Parker, Lynne E. EOP/OSTP (b)(6); Wilson, Matt B. EOP/OSTP

(b)(6); Kratsios, Michael J. EOP/OSTP (b)(6)

Josh Mendelsohn (b)(6); Madison Jacox (b)(6) Dave Zvenyach

(b)(6)

Subject: [EXTERNAL] COVID-19 Tech and Research Task Force: March 22 Update

Hello All -

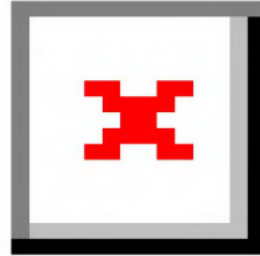
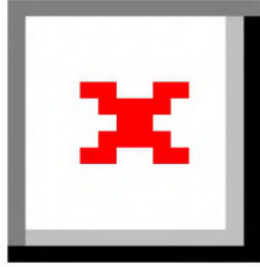
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Please reach out to (b)(6) or (b)(6) if you have any questions or input.

Thank you,

--

Connor Spellisey
Director of New Platforms and Legal @ [Hangar](#)

Re: (b)(6)

From

: "Bonyun, Sean C. EOP/OSTP" (b)(6)

To: "Kratsios, Michael J. EOP/OSTP" (b)(6) >

"Canfield, Neil R. EOP/OSTP" (b)(6) "Droegemeier, Kelvin K. EOP/OSTP" (b)(6), "Parker, Lynne E. EOP/OSTP" (b)(6), "Casey, Winter EOP/OSTP"

Cc: (b)(6) "Hernandez, Elena R. EOP/OSTP"

(b)(6), "Wallace, Rachel A. EOP/OSTP"

(b)(6) "Baum, Kristina R. EOP/OSTP"

(b)(6)

Date: Tue, 24 Mar 2020 20:21:52 -0400

Thanks Neil (b)(5)

(b)(5)

(b)(5)

Many thanks.

Sent from my iPhone

On Mar 24, 2020, at 7:13 PM, Kratsios, Michael J. EOP/OSTP (b)(6) wrote:

Thanks guys. (b)(5)

(b)(5)

Thanks!

From: Canfield, Neil R. EOP/OSTP (b)(6)

Sent: Tuesday, March 24, 2020 6:47 PM

To: Droegemeier, Kelvin K. EOP/OSTP (b)(6) Bonyun, Sean C. EOP/OSTP (b)(6)

Cc: Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6)

Hernandez, Elena R. EOP/OSTP (b)(6) Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)

Canfield, Neil R. EOP/OSTP (b)(6)

Subject: (b) (5)

DRAFT/DELIBERATIVE

(b) (5)

Neil Canfield
Policy Advisor
Office of Science and Technology Policy
Executive Office of the President
(b)(6)

[EXTERNAL] contact tracing/tech

From: Luciana Borio (b)(6)
To: "Kratsios, Michael J. EOP/OSTP" (b)(6)
Date: Tue, 24 Mar 2020 14:34:55 -0400
Attachments COVID-19 Notification concept - A Bold Idea ver 4 (1).pdf (279.76 kB); COVID-19
: Crisis Tool w new graphic 1426 (1).pptx (884.63 kB)

Michael,

Glen Archer, Executive Director at National Fusion Center Association, contacted me via linked in and shared the attached concept which he believes could be put into place quickly.

I think the proposal is sound. He seems serious. I assume you are receiving a ton of solicitations but thought it would be useful to pass it along anyway. He shared it with the WH Task Force but hasn't heard anything back. His proposal is to automate contact tracing and notification while protecting civil liberties.

He can be contacted at (b)(6)

The proposal is attached below.

All the best,
Luciana

(b) (4)

(b) (4)

COVID-19 Social Distance App

A secure, private solution to help citizens know when they have been exposed

(b) (4)

(b) (4)

(b) (4)

(b) (4)

(b) (4)

(b) (4)

(b) (4)

(b) (4)

Slide Notes

Slide 4:

Joel Cohen –

Johnathon Turley – big time lawyer

FW: (b) (5)

To: "Hernandez, Elena R. EOP/OSTP" (b)(6) "Kratsios, Michael J. EOP/OSTP" (b)(6)

Date: Tue, 24 Mar 2020 18:57:50 -0400

Attachments
: DRAFT (b) (5).docx (528.81 kB)

(b) (5)

Winter Casey
The White House | Office of Science and Technology Policy
M: (b)(6)

From: Canfield, Neil R. EOP/OSTP (b)(6)
Sent: Tuesday, March 24, 2020 6:47 PM
To: Droegemeier, Kelvin K. EOP/OSTP (b)(6); Bonyun, Sean C. EOP/OSTP (b)(6) >
Cc: Kratsios, Michael J. EOP/OSTP (b)(6) >; Parker, Lynne E. EOP/OSTP (b)(6) >; Casey, Winter EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Canfield, Neil R. EOP/OSTP (b)(6) >
Subject: (b) (5)

DRAFT/DELIBERATIVE

(b) (5), (b) (6)

Neil Canfield
Policy Advisor
Office of Science and Technology Policy
Executive Office of the President

(b)(6)



EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20502

(b) (5)

(b) (5)

Fwd: (b) (5)

From: "Droegemeier, Kelvin K. EOP/OSTP" (b)(6)

:

To: "Lattimore, Tracie B. EOP/OSTP" (b)(6) >, "Waterman, Paige E. EOP/OSTP" (b)(6)

Date: Tue, 24 Mar 2020 07:06:23 -0400

(b) (5)

Paige is aware.

Begin forwarded message:

From: "Noble, Erik U. EOP/OSTP" (b)(6)

Date: March 23, 2020 at 11:35:09 PM EDT

To: "Droegemeier, Kelvin K. EOP/OSTP" (b)(6)

Cc: "Wilson, Matt B. EOP/OSTP" <(b)(6)>

Subject: (b) (5)

Kelvin and Matt, (b) (5) Lynn and Drew last week.

(b) (5)

-Erik

On Mar 17, 2020, at 9:59 AM, Droegemeier, Kelvin K. EOP/OSTP (b)(6) wrote:

Thanks Matt.

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

Sent: Tuesday, March 17, 2020 9:08 AM

To: Droegemeier, Kelvin K. EOP/OSTP (b)(6) Noble, Erik U. EOP/OSTP <(b)(6)>

Subject: RE: [EXTERNAL] More finalized risk assessment / survey

Ian and I (b) (5)

(b) (5)

KD-

Ian and (b) (5)

(b) (5)

From: Droegemeier, Kelvin K. EOP/OSTP (b)(6)

Sent: Tuesday, March 17, 2020 9:02 AM

To: Noble, Erik U. EOP/OSTP (b)(6) >; Wilson, Matt B. EOP/OSTP

(b) (6)

Subject: (b) (5)

Good deal. (b) (5)

Good work!!

Kelvin

From: Noble, Erik U. EOP/OSTP (b)(6)

Sent: Tuesday, March 17, 2020 8:59 AM

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

Cc: Droegemeier, Kelvin K. EOP/OSTP (b)(6)

Subject: Re: [EXTERNAL] More finalized risk assessment / survey

To add, Rob Sentz, has Also registered his services with <http://medicalcountermeasures.gov/>

(b) (5)

Thank you.

-Erik

*Typed quickly from my iPhone. Please excuse typos.

Erik Noble, Ph.D. | Senior Policy Advisor
Office of Science Technology Policy | (b)(6)

****All emails and replies are subject to the Freedom of Information Act****

On Mar 17, 2020, at 8:17 AM, Wilson, Matt B. EOP/OSTP
(b)(6) > wrote:

(b) (5)

(b) (5)

Matt

From: Droegemeier, Kelvin K. EOP/OSTP (b)(6)
Sent: Tuesday, March 17, 2020 7:18 AM
Cc: Noble, Erik U. EOP/OSTP (b)(6); Wilson, Matt B. EOP/OSTP (b)(6)
Subject: Re: [EXTERNAL] More finalized risk assessment / survey

Erik and Matt,

(b) (5)

Kelvin

On Mar 16, 2020, at 8:33 PM, Rob Sentz (b)(6) wrote:

Matt, Erik, Kelvin

Had a good call with the Hanger team today. Updating you.

What became clear was our ability to help by placing the survey we have developed inside of this project (perhaps it is the google platform) so that people can take it before they come to get tested. This could help alleviate centers and could help them prioritize higher risk people vs those that are low risk or just worried b/c their kid has a slight fever (but covid has very little impact on them).

><https://covid-19.navigo.cc/coronavirus/covid-19-my-risk-assessment><

Have you had a chance to take this yet? We are still developing it, but it is working and with some additional attention and investment we could be ready to scale big time this week.

There is a lot we could do with this:

- help screen people so Walgreens can bring higher priority people to the front
- help people self mitigate / provide recommendations on how to lower risk
- create a dataset that can be used to evaluate overall population
- can add symptom tracker to this (we are doing that now).

Let me know how we can push this into the right people. Is Hanger the best place for this now?

-R

Re: [EXTERNAL] Re: Tech/Research Task Force *not* collaborating with WH

From: Josh Mendelsohn (b)(6)
To: "Parker, Lynne E. EOP/OSTP" (b)(6)
Cc: Connor Spelliscy (b)(6); Madison Jacox (b)(6); Dave Zvenyach (b)(6); "Wallace, Rachel A. EOP/OSTP" (b)(6)
Date: Tue, 24 Mar 2020 17:57:14 -0400

Thank you!

On Tue, Mar 24, 2020 at 5:43 PM Parker, Lynne E. EOP/OSTP (b)(6) > wrote:

Very good, we'll give you a call at the number you provide at 12 noon Eastern tomorrow.

From: Josh Mendelsohn (b)(6)
Sent: Tuesday, March 24, 2020 4:29 PM
To: Parker, Lynne E. EOP/OSTP (b)(6)
Cc: Connor Spelliscy (b)(6); Madison Jacox (b)(6); Dave Zvenyach (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6) >
Subject: Re: [EXTERNAL] Re: Tech/Research Task Force *not* collaborating with WH

So sorry, I missed this email in a thread. Yes, 12 ET tomorrow is great.

What's the best number to reach you?

And you can opportunistically reach me at (b)(6) anytime today.

On Tue, Mar 24, 2020 at 4:21 PM Parker, Lynne E. EOP/OSTP (b)(6) > wrote:

Josh,

Since today didn't work out, is there a time tomorrow when you'd like to talk? Perhaps sometime between 12:00 and 3:00PM Eastern?

Lynne

Lynne E. Parker, Ph.D.

Deputy Chief Technology Officer of the United States

The White House

From: Parker, Lynne E. EOP/OSTP (b)(6)
Sent: Tuesday, March 24, 2020 8:25 AM
To: 'Josh Mendelsohn' (b)(6)
Cc: Connor Spelliscy (b)(6); Madison Jacox (b)(6); Dave Zvenyach (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: [EXTERNAL] Re: Tech/Research Task Force *not* collaborating with WH

Josh,

Sure, would sometime today from 11AM-12:30PM Eastern work for you?

Lynne

From: Josh Mendelsohn (b)(6)
Sent: Monday, March 23, 2020 7:38 PM
To: Parker, Lynne E. EOP/OSTP (b)(6)
Cc: Connor Spelliscy (b)(6); Madison Jacox (b)(6); Zvenyach (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6)
Subject: [EXTERNAL] Re: Tech/Research Task Force *not* collaborating with WH

Lynne,

I'd appreciate a call at your earliest convenience. Clearly there is some SIGNIFICANT confusion.

(b)(6)

Thanks.

Josh

On Mon, Mar 23, 2020 at 7:24 PM Parker, Lynne E. EOP/OSTP (b)(6) > wrote:

Dear Josh, Madi, et al,

Following up on my email from last night, it has come to my attention that you have reached out to potential sponsor(s), characterizing your work as being collaborative with The White House. While we listened in on the discussion during your first task force meeting, provided brief opening statements, and connected you with the CDC so that they could describe their modeling gaps, The White House has not been providing you with tasking, and your efforts are not collaborative with The White House. Please do not continue characterizing your work in this way, either internal to the group, external to potential sponsors or other entities, or with the press.

I'm copying our legal counsel, Rachel Wallace, who can help answer any questions.

Thanks much,

Lynne

Lynne E. Parker, Ph.D.

Deputy Chief Technology Officer of the United States

The White House

From: Parker, Lynne E. EOP/OSTP (b)(6)
Sent: Sunday, March 22, 2020 10:01 PM
To: 'Connor Spelliscy' (b)(6)
Cc: Wilson, Matt B. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6) Mendelsohn (b)(6) Madison Jacox (b)(6) Dave Zvenyach (b)(6) Parker, Lynne E. EOP/OSTP (b)(6)
Tech and Research Task Force: March 22 Update

Dear Connor, Madi, Josh,

Many thanks for the updates. Your group has been great at pulling together industry and organizing folks during this crisis around issues of importance to your group.

I just want to make sure there is no confusion among your members – the Tech Task Force is a private sector group with no government affiliation. Given that, can you please remove me and my OSTP colleagues from any Task Force emails and calendar invitations? Our inclusion may be confusing to your members, and be misinterpreted as the USG endorsing this effort or it being a joint effort.

We were glad to connect you with the CDC who described their data gaps in modeling the effects of mitigation strategies on disease transmission. But it is worth noting that WH OSTP is not engaged in any activities relating to location data. If you are able to help CDC in their modeling work, then that would be great. But OSTP does not need to be looped into those efforts.

I encourage you as private sector tech companies to continue self-organizing around any topics you think will make a difference in this challenging time.

All the best,

Lynne

Lynne E. Parker, Ph.D.

Deputy Chief Technology Officer of the United States

The White House

Office: (b)(6)

From: Connor Spelliscy (b)(6)
Sent: Sunday, March 22, 2020 9:12 PM
To: Connor Spelliscy (b)(6)
Cc: Parker, Lynne E. EOP/OSTP (b)(6); Wilson, Matt B. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6) Josh Mendelsohn (b)(6) Madison Jacox

(b)(6) Dave Zvenyach <(b)(6)>

Subject: [EXTERNAL] COVID-19 Tech and Research Task Force: March 22 Update

Hello All -

Thank you for your quick contributions over the past week. We have some key updates to share with you:

1. **Weekly Task Force-wide update calls will take place on Tuesdays at 5-5:30pm ET.** We will use these calls to discuss updates on workstream progress and communications with government. Please attend and share ideas and resources that could help us maximize the impact of member work. *We will circulate invitations later tonight and an agenda tomorrow.*

2. **We have onboarded PMs for each of our workstreams.** Please expect emails from the relevant PMs on the specific workstreams that you have signed up for.

We continue to clarify the scope of the Task Force's workstreams based on needs identified in ongoing conversations with the CDC, White House (OSTP and OAI), and Harvard School of Public Health. We are passing workstream descriptions along in consolidated form for those of you who joined us recently, or who have not participated in all workstream calls:

1. **Location Data Stream** - Develop dashboards and data pipelines that provide researchers, policymakers, and epidemiologists with information about efficacy of enacted response policies, such as social distancing, which allow them to forecast the spread of COVID-19 and better inform decision makers for both policy and resource allocation.

For example, members have developed a dashboard identifying social distancing metrics, including radius of gyration and entropy, in the 500 biggest cities in the country. At its most basic, this tool could be used to measure the success of social distancing policies enacted in communities across the country, and allow governments to adjust as necessary. Below are preliminary snapshots of the dashboard, which is still a work in progress with researchers. Red indicates higher levels of movement and blue indicates lower levels.

2. **Clinical Data Stream** - There is significant, high-quality granular data, which cannot currently be used because it contains or is tied to personal information. The use of that data could make a material difference to our response to COVID-19. We intend to rapidly increase availability of this data by working with providers on de-identification and aggregation, and use the data collected to develop dashboards and pipelines for health systems, policymakers, and researchers.

3. **Hosting and Privacy Stream** - Ensure that all of our data collection, storage, and use complies with privacy regulations and ethical concerns, while also ensuring that we are effectively using available data to respond to COVID-19. This stream is complementary to (1) and (2); we have extracted it because maintaining compliance with privacy and ethical considerations is a significant and necessary task.

4. **State + Local Stream** - Provide state and local policymakers, regulators, and health systems with tools and data they can leverage to most effectively respond to COVID-19.

Please reach out to (b)(6) or (b)(6) you have any questions or input.

Thank you,

--

Connor Spelliscy

Director of New Platforms and Legal @ Hangar

Fwd: letter response

From: (b)(6)
To: "Wallace, Rachel A. EOP/OSTP" (b)(6)
Cc: "Canfield, Neil R. EOP/OSTP" (b)(6)
Date: Tue, 24 Mar 2020 17:25:31 -0400
Attachments: (b) (5) _v2.docx (529.46 kB)

Hi Rachel, (b) (5)

(b) (5), (b) (6)

Begin forwarded message:

From: "Hernandez, Elena R. EOP/OSTP" (b)(6)
Date: March 24, 2020 at 3:39:00 PM EDT
To: "Kratsios, Michael J. EOP/OSTP" <(b)(6)> "Parker, Lynne E. EOP/OSTP" <(b)(6)> "Canfield, Neil R. EOP/OSTP" (b)(6), "Baum, Kristina R. EOP/OSTP" (b)(6) "Casey, Winter EOP/OSTP" (b)(6)
Subject: RE: letter response

+ Winter (b) (5)

(b) (5)

From: Kratsios, Michael J. EOP/OSTP (b)(6)
Sent: Tuesday, March 24, 2020 11:28 AM
To: Parker, Lynne E. EOP/OSTP (b)(6) Canfield, Neil R. EOP/OSTP (b)(6) Hernandez, Elena R. EOP/OSTP (b)(6) Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: letter response

(b) (5)

. Thanks!

From: Parker, Lynne E. EOP/OSTP (b)(6)
Sent: Monday, March 23, 2020 2:10 PM
To: Canfield, Neil R. EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6)
Baum, Kristina R. EOP/OSTP (b)(6)
Cc: Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: letter response

(b) (5)

From: Canfield, Neil R. EOP/OSTP (b)(6)
Sent: Monday, March 23, 2020 1:59 PM
To: Hernandez, Elena R. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6)
Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: letter response

Thanks, Elena and Lynne. (b) (5).

Michael – (b) (5)

(b) (5)

Thanks,
-NC

Neil Canfield
Office of Science and Technology Policy
Executive Office of the President

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Monday, March 23, 2020 1:42 PM
To: Parker, Lynne E. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Canfield, Neil R. EOP/OSTP (b)(6) Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: letter response

(b) (5)

From: Parker, Lynne E. EOP/OSTP (b)(6) >
Sent: Sunday, March 22, 2020 10:45 AM
To: Hernandez, Elena R. EOP/OSTP (b)(6) >; Kratsios, Michael J. EOP/OSTP (b)(6); Canfield, Neil R. EOP/OSTP (b)(6) >; Baum, Kristina R. EOP/OSTP (b)(6)
Cc: Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: letter response

(b) (5)

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Friday, March 20, 2020 5:25 PM
To: Parker, Lynne E. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Canfield, Neil R. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: letter response

(b) (5)

Thank you Neil!

From: Parker, Lynne E. EOP/OSTP (b)(6)
Sent: Friday, March 20, 2020 4:03 PM
To: Kratsios, Michael J. EOP/OSTP (b)(6); Canfield, Neil R. EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6) >
Cc: Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: letter response

Looks good to me, too. Just minor edits attached.

From: Kratsios, Michael J. EOP/OSTP (b)(6)
Sent: Friday, March 20, 2020 3:49 PM
To: Canfield, Neil R. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: letter response

(b) (5) elena an lynne.

(b) (5)

From: Canfield, Neil R. EOP/OSTP (b)(6)
Sent: Friday, March 20, 2020 2:18 PM
To: Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Cc: Canfield, Neil R. EOP/OSTP (b)(6)
Subject: RE: letter response

All,

(b) (5), (b) (6)

Best,
-Neil

Neil Canfield
Office of Science and Technology Policy
Executive Office of the President

From: Kratsios, Michael J. EOP/OSTP (b)(6)
Sent: Thursday, March 19, 2020 3:39 PM
To: Hernandez, Elena R. EOP/OSTP (b)(6); Canfield, Neil R. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6)
Cc: Bonyun, Sean C. EOP/OSTP (b)(6) >
Subject: letter response

Neil, lynne, elena, (b) (5)

Maybe 630 tonight?

Michael Kratsios
Deputy Assistant to the President
Chief Technology Officer of the United States
The White House
(b)(6)



EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20502

(b) (5)

(b) (5)

Re: WH Letter

From

: (b)(6)

To: "Canfield, Neil R. EOP/OSTP" (b)(6)

Cc: "Kratsios, Michael J. EOP/OSTP" (b)(6) "Parker, Lynne E. EOP/OSTP" (b)(6)

Date: Tue, 24 Mar 2020 12:12:04 -0400

(b) (5)

Sent from my iPhone

On Mar 24, 2020, at 12:09 PM, Canfield, Neil R. EOP/OSTP (b)(6) > wrote:

Hi all (b) (5) Thanks!

Sent from my iPhone

On Mar 23, 2020, at 4:06 PM, Kratsios, Michael J. EOP/OSTP (b)(6) > wrote:

(b) (5)

From: Canfield, Neil R. EOP/OSTP (b)(6)
Sent: Monday, March 23, 2020 4:05 PM
To: Kratsios, Michael J. EOP/OSTP (b)(6)
Cc: Parker, Lynne E. EOP/OSTP (b)(6) Hernandez, Elena R. EOP/OSTP (b)(6)
Subject: Re: WH Letter

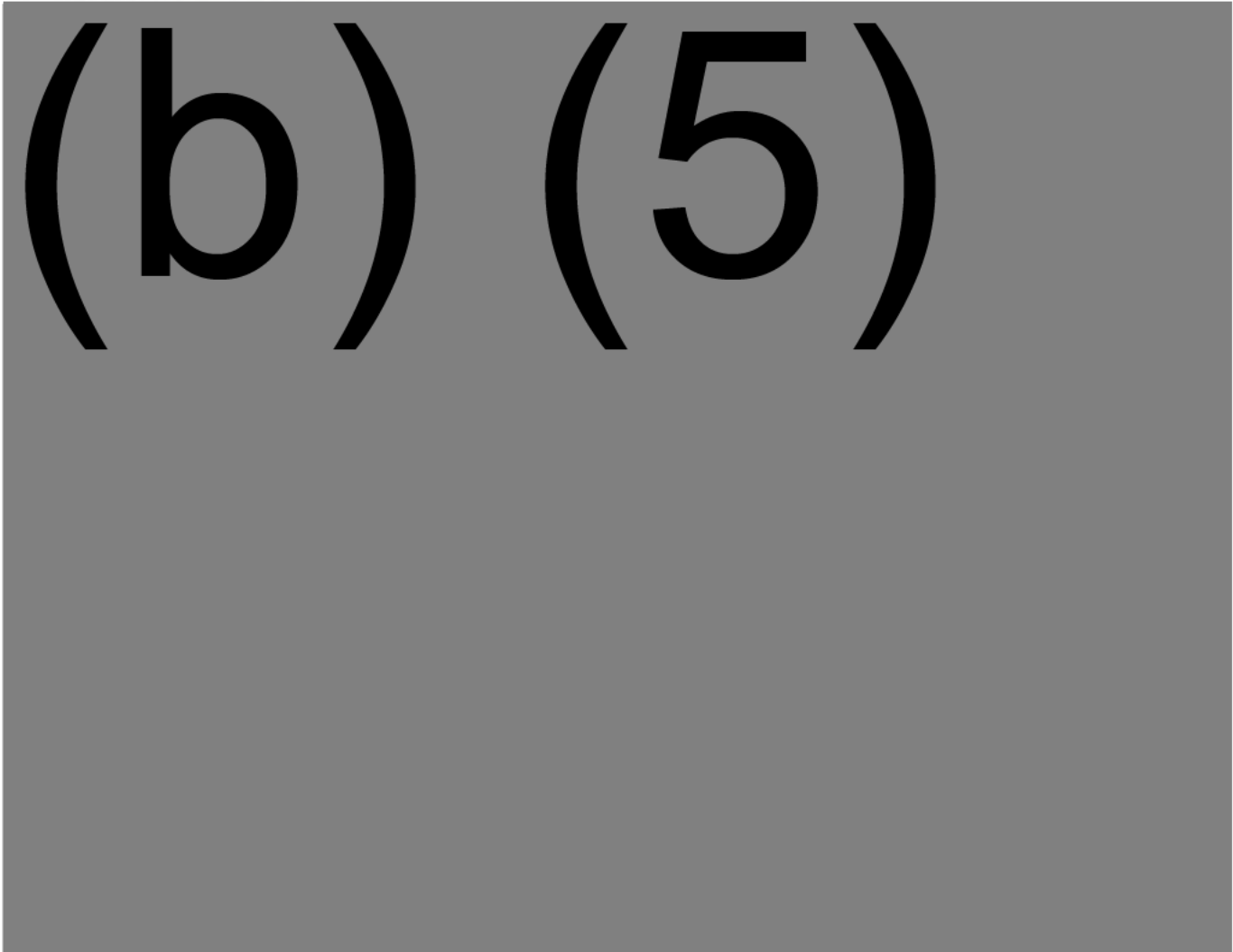
(b) (5)

-NC

Sent from my iPhone

On Mar 23, 2020, at 3:37 PM, Kratsios, Michael J. EOP/OSTP
(b)(6) > wrote:

From: Canfield, Neil R. EOP/OSTP (b)(6)
Sent: Monday, March 23, 2020 3:18 PM
To: Kratsios, Michael J. EOP/OSTP (b)(6)
Subject: RE: WH Letter



Sent from my iPhone

[EXTERNAL] Chat with WSJ about location data?

From: "Tracy, Ryan" (b)(6)

To: "Hernandez, Elena R. EOP/OSTP" (b)(6)

Date: Tue, 24 Mar 2020 12:33:01 -0400

Hey Elena!

Would OSTP be open to updating us on the discussions around using location tracking and other tools to combat the coronavirus?

This is an issue we are going to be tracking closely, but I don't believe me or any of my WSJ colleagues writing about this has had the chance to hear from you directly. We'd welcome context or even complaints about our coverage and coverage elsewhere. As you might imagine were hearing a lot from privacy advocates...

No immediate story right now but I'll let you know if that changes.

Let's stay in touch,

Ryan

--

Ryan Tracy | Reporter

The Wall Street Journal.

office (b)(6) cell (b)(6) @ryanjtracy

RE: (b) (5)

From: "Parker, Lynne E. EOP/OSTP" (b)(6)
"Wallace, Rachel A. EOP/OSTP" (b)(6), "Kratsios, Michael J. EOP/OSTP" (b)(6), "Hernandez, Elena R. EOP/OSTP" (b)(6) "Casey, Winter EOP/OSTP" (b)(6)
To:
Cc: "Parker, Lynne E. EOP/OSTP" (b)(6)
Date: Wed, 25 Mar 2020 14:40:53 -0400

Attachments
: (b) (5) _v4 edits-lep.docx (532.35 kB)

(b) (5)

From: Wallace, Rachel A. EOP/OSTP (b)(6) >
Sent: Wednesday, March 25, 2020 2:30 PM
To: Kratsios, Michael J. EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6) Casey, Winter EOP/OSTP (b)(6) Parker, Lynne E. EOP/OSTP (b)(6)
Subject: (b) (5)

(b) (5)

Thanks!
Rachel

From: Kratsios, Michael J. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 2:19 PM
To: Hernandez, Elena R. EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6) Casey, Winter EOP/OSTP (b)(6) Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

Lynne/winter (b) (5)

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 2:17 PM
To: Wallace, Rachel A. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6) Casey, Winter EOP/OSTP (b)(6); Parker,

Lynne E. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

See attached!

From: Wallace, Rachel A. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 1:28 PM
To: Kratsios, Michael J. EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6) Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

Thanks!
Rachel

From: Kratsios, Michael J. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 12:55 PM
To: Hernandez, Elena R. EOP/OSTP (b)(6) Casey, Winter EOP/OSTP (b)(6) Parker, Lynne E. EOP/OSTP (b)(6)
Cc: Wallace, Rachel A. EOP/OSTP <(b)(6)>
Subject: RE: (b) (5)

(b) (5) elena.

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 12:54 PM
To: Casey, Winter EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6) Parker, Lynne E. EOP/OSTP (b)(6)
Cc: Wallace, Rachel A. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

From: Casey, Winter EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 12:52 PM
To: Hernandez, Elena R. EOP/OSTP (b)(6) Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6)
Cc: Wallace, Rachel A. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

Winter Casey
The White House | Office of Science and Technology Policy
M: (b)(6)

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 12:37 PM
To: Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Canfield, Neil R. EOP/OSTP (b)(6); Droegemeier, Kelvin K. EOP/OSTP (b)(6)
Cc: Bonyun, Sean C. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

From: Kratsios, Michael J. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 9:53 AM
To: Parker, Lynne E. EOP/OSTP (b)(6); Canfield, Neil R. EOP/OSTP (b)(6); Droegemeier, Kelvin K. EOP/OSTP (b)(6)
Cc: Bonyun, Sean C. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

Thanks!

From: Parker, Lynne E. EOP/OSTP (b)(6) >
Sent: Wednesday, March 25, 2020 9:38 AM
To: Canfield, Neil R. EOP/OSTP (b)(6); Droegemeier, Kelvin K. EOP/OSTP (b)(6)
Cc: Bonyun, Sean C. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

From: Canfield, Neil R. EOP/OSTP <(b)(6)>
Sent: Wednesday, March 25, 2020 9:25 AM
To: Droegemeier, Kelvin K. EOP/OSTP (b)(6)
Cc: Bonyun, Sean C. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

Thanks,
-NC

Neil Canfield
Office of Science and Technology Policy
Executive Office of the President

From: Droegemeier, Kelvin K. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 8:32 AM
To: Canfield, Neil R. EOP/OSTP (b)(6)
Cc: Bonyun, Sean C. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP <(b)(6)>; Hernandez, Elena R. EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: Re: (b) (5)

(b) (5)

Thanks for the good work!!

Kelvin

On Mar 24, 2020, at 6:47 PM, Canfield, Neil R. EOP/OSTP <(b) (5)> wrote:

DRAFT/DELIBERATIVE

(b) (5)

(b) (5), (b) (6)

Neil Canfield
Policy Advisor
Office of Science and Technology Policy
Executive Office of the President
(b)(6)



EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20502

(b) (5)

(b) (5)

FW: (b) (5)

From: "Casey, Winter EOP/OSTP" (b)(6)

To: "Wallace, Rachel A. EOP/OSTP" (b)(6)

Date: Wed, 25 Mar 2020 15:09:06 -0400

Attachments (b) (5) _v4 edits+eh RW LP.docx (532.22 kB);
: (b) (5) clean.docx (529.21 kB)

(b) (5)

Winter Casey
The White House | Office of Science and Technology Policy
M: (b)(6)

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 2:59 PM
To: Parker, Lynne E. EOP/OSTP (b)(6) >; Wallace, Rachel A. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6)
Casey, Winter EOP/OSTP (b)(6)
Cc: Canfield, Neil R. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

Got it thanks! (b) (5)

(b) (5)

From: Parker, Lynne E. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 2:55 PM
To: Hernandez, Elena R. EOP/OSTP (b)(6) Wallace, Rachel A. EOP/OSTP (b)(6) >; Kratsios, Michael J. EOP/OSTP (b)(6)
Casey, Winter EOP/OSTP (b)(6)
Cc: Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

Elena, (b) (5)

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 2:52 PM

To: Parker, Lynne E. EOP/OSTP (b)(6) Wallace, Rachel A. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6) >; Casey, Winter EOP/OSTP (b)(6)
Subject: RE: (b) (5)

Thank you! (b) (5).

From: Parker, Lynne E. EOP/OSTP (b)(6) v>
Sent: Wednesday, March 25, 2020 2:41 PM
To: Wallace, Rachel A. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6) Hernandez, Elena R. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6)
Cc: Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

From: Wallace, Rachel A. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 2:30 PM
To: Kratsios, Michael J. EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6) Casey, Winter EOP/OSTP (b)(6) >; Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

Thanks!
Rachel

From: Kratsios, Michael J. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 2:19 PM
To: Hernandez, Elena R. EOP/OSTP (b)(6), Rachel A. EOP/OSTP (b)(6) Casey, Winter EOP/OSTP (b)(6) Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

Lynne/winter, (b) (5)

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 2:17 PM
To: Wallace, Rachel A. EOP/OSTP (b)(6) Kratsios, Michael J. EOP/OSTP (b)(6) Casey, Winter EOP/OSTP (b)(6) Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

See attached!

From: Wallace, Rachel A. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 1:28 PM
To: Kratsios, Michael J. EOP/OSTP (b)(6) >; Hernandez, Elena R. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

Thanks!
Rachel

From: Kratsios, Michael J. EOP/OSTP (b)(6) >
Sent: Wednesday, March 25, 2020 12:55 PM
To: Hernandez, Elena R. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6)
Cc: Wallace, Rachel A. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5) elena.

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 12:54 PM
To: Casey, Winter EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6)
Cc: Wallace, Rachel A. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

From: Casey, Winter EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 12:52 PM
To: Hernandez, Elena R. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6)
Cc: Wallace, Rachel A. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

Winter Casey
The White House | Office of Science and Technology Policy
M: (b)(6)

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 12:37 PM
To: Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Canfield, Neil R. EOP/OSTP (b)(6); Droegemeier, Kelvin K. EOP/OSTP (b)(6) >
Cc: Bonyun, Sean C. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

From: Kratsios, Michael J. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 9:53 AM
To: Parker, Lynne E. EOP/OSTP (b)(6); Canfield, Neil R. EOP/OSTP (b)(6); Droegemeier, Kelvin K. EOP/OSTP (b)(6) >
Cc: Bonyun, Sean C. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

Thanks!

From: Parker, Lynne E. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 9:38 AM
To: Canfield, Neil R. EOP/OSTP (b)(6); Droegemeier, Kelvin K. EOP/OSTP (b)(6)
Cc: Bonyun, Sean C. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

From: Canfield, Neil R. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 9:25 AM
To: Droegemeier, Kelvin K. EOP/OSTP (b)(6)

Cc: Bonyun, Sean C. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: RE: (b) (5)

(b) (5)

Thanks,
-NC

Neil Canfield
Office of Science and Technology Policy
Executive Office of the President

From: Droegemeier, Kelvin K. EOP/OSTP (b)(6)
Sent: Wednesday, March 25, 2020 8:32 AM
To: Canfield, Neil R. EOP/OSTP (b)(6)
Cc: Bonyun, Sean C. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Casey, Winter EOP/OSTP (b)(6); Hernandez, Elena R. EOP/OSTP (b)(6); Wallace, Rachel A. EOP/OSTP (b)(6); Baum, Kristina R. EOP/OSTP (b)(6)
Subject: Re: (b) (5)

(b) (5)

Kelvin

On Mar 24, 2020, at 6:47 PM, Canfield, Neil R. EOP/OSTP (b)(6) > wrote:

DRAFT/DELIBERATIVE

(b) (5), (b) (6)

(b) (5), (b) (6)

Neil Canfield
Policy Advisor
Office of Science and Technology Policy
Executive Office of the President

(b)(6)



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WASHINGTON, D.C. 20502

(b) (5)

(b) (5)



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WASHINGTON, D.C. 20502

(b) (5)

(b) (5)

Fwd: [EXTERNAL] r4 COVID-19 economic restart solution background

From: (b)(6)
To: "Watson, Ian D. EOP/OSTP" (b)(6)
Date: Wed, 25 Mar 2020 13:20:30 -0400
Attachments image001.png (13.64 kB); COVID Economic Restart Solution r4 Technologies.pdf
: (155.85 kB)

Good afternoon sir - (b) (5)

Best,
Sean

Begin forwarded message:

From: Chris Sarley <(b)(6)>
Date: March 25, 2020 at 12:27:46 PM EDT
To: "Bonyun, Sean C. EOP/OSTP" <(b)(6)>
Subject: [EXTERNAL] r4 COVID-19 economic restart solution background

Sean – Attached is an executive summary followed by details on what r4 put together thinking about how their capabilities can be deployed *immediately* to help balance the health security requirements with the need to restart the economy as soon as possible. As you know r4 has the capabilities to quickly understand the complex relationships across the health and economic data, so that decision makers have a strong and reliable resource they can use to inform their decision making as they think through how we deploy most efficiently and this platform shifts and adjust as conditions and considerations change. This “model of models” approach is what sets r4 apart and why Gartner named them as a Cool Vendor in Core AI for 2019 and MIT assessing that their technology was five years ahead of anyone else in this space.

It would be good to connect directly with the relevant folks on your team at OSTP to discuss how we can quickly partner together on this as you all work to link proven technology like r4’s to help public health needs while also getting our citizens back to work, quickly and safely.

Please let me know how best to proceed to discuss in further detail.

Best,

Chris

Chris Sarley

Principal | Government Affairs

D (b)(6) M (b)(6)

(b) (4)

(b) (4)

(b) (4)

(b) (4)

(b) (4)

Contact Information:

Paul Breitenbach

CEO r4

(b)(6)

Sen. Markey Letter

From : "Baum, Kristina R. EOP/OSTP" (b)(6)

To: "O'Malley, Devin M. EOP/OVP" (b)(6) >, "Ditto, Jessica E. EOP/WHO" (b)(6) >

Cc: "Fetalvo, Ninio J. EOP/OVP" (b)(6) "Love, Kelly A. EOP/OVP" (b)(6), "Syrek, Tori Q. EOP/WHO" (b)(6)
"Cantrell, Austin D. EOP/WHO" (b)(6) "Hernandez, Elena R. EOP/OSTP" (b)(6)

Date: Wed, 25 Mar 2020 19:48:35 -0400

Hi OVP/WH Comms -

(b) (5)

Thanks again and appreciate all the work you are doing.

Best,
Kristina

Kristina Baum
Communications Director
Office of Science and Technology Policy
Executive Office of the President
The White House

Re: Draft email for WH/Ovp comms

From: "Baum, Kristina R. EOP/OSTP" (b)(6)

To: "Hernandez, Elena R. EOP/OSTP" (b)(6)

Date: Wed, 25 Mar 2020 17:48:03 -0400

Yes great. Thank you! (b) (5)

Kristina Baum
Communications Director
Office of Science and Technology Policy
Executive Office of the President
The White House

> On Mar 25, 2020, at 3:36 PM, Hernandez, Elena R. EOP/OSTP <(b)(6)> wrote:

>

> Hey Kristina, (b) (5)

[Redacted]

> //

>

> Hi guys,

(b) (5)

(b) (5)

(b) (5) Sen. Markey

From: "Wallace, Rachel A. EOP/OSTP" (b)(6)
To: "Gast, Scott F. EOP/WHO" <scott.f.gast@who.eop.gov>
Date: Wed, 25 Mar 2020 15:21:04 -0400
Attachments: (b) (5) clean.docx (529.21 kB)

Hi, Scott.

(b) (5)

Best regards,
Rachel

Rachel A. Wallace
Senior Legal Counsel
The White House | Office of Science and Technology Policy
Office: (b)(6) | Mobile: (b)(6)
Rachel.A.Wallace@ostp.eop.gov



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OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20502

(b) (5)

(b) (5)

RE: Mobile App for Automatic Contact Tracing

From: COVID 19 Tech (b)(6)
:
To: Robert Kleinman (b)(6)
Cc: (b)(6)
Date: Wed, 25 Mar 2020 18:29:29 -0400

Robert,

Thank you so much for your outreach. We're grateful for your interest, and suggested way ahead. We'll reach out soon if we choose to go in that direction.

Best,
Drew

Drew Xander Calcagno
Policy Advisor, Artificial Intelligence
Office of Science and Technology Policy
The White House

(b)(6)
(O) (b)(6)
(M) (b)(6)

From: Robert Kleinman <(b)(6)>
Sent: Wednesday, March 25, 2020 1:37 PM
To: Calcagno, Drew A. EOP/OSTP (b)(6)
Cc: (b)(6)
Subject: [EXTERNAL] Mobile App for Automatic Contact Tracing

Dear Mr. Calcagno,

We're reaching out to you because we read news reports about Mr. Krastios' interest in leveraging location data to address the COVID-19 epidemic.

A team of us (current and former Google software engineers, a researcher at UCLA, and a physician at Stanford) have developed an app that uses location data to enable automatic contact tracing of individuals affected with COVID-19. We have put considerable thought into

how to protect privacy and limit the intrusiveness of location data information while providing sufficiently granular information to help public health efforts associated with the pandemic.

We're reaching out to see if there might be interest in incorporating this type of app into the public health response to COVID-19.

Please let us know if there's any way we can help or you have any suggestions about other people we should contact.

Sincerely,

Robert Kleinman MD and Colin Merkel MASc

RE: tech & coronavirus // DRAFT

From : "Parker, Lynne E. EOP/OSTP" (b)(6)
To: "Hernandez, Elena R. EOP/OSTP" (b)(6), "Moorhead, Dolly K. EOP/OSTP" (b)(6), "Kratsios, Michael J. EOP/OSTP" (b)(6)
Cc: "Watson, Ian D. EOP/OSTP" (b)(6), "Waterman, Paige E. EOP/OSTP" (b)(6), "Parker, Lynne E. EOP/OSTP" (b)(6)
Date: Thu, 05 Mar 2020 13:08:05 -0500

(b) (5)

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Thursday, March 5, 2020 12:59 PM
To: Moorhead, Dolly K. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6)
Cc: Watson, Ian D. EOP/OSTP (b)(6); Waterman, Paige E. EOP/OSTP (b)(6)
Subject: RE: tech & coronavirus // DRAFT

(b) (5)

(b) (5)

From: Moorhead, Dolly K. EOP/OSTP (b)(6)
Sent: Thursday, March 5, 2020 9:27 AM
To: Hernandez, Elena R. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6)
Subject: RE: tech & coronavirus // DRAFT

(b) (5)

Dolly Kilroy Moorhead
OSTP

From: Hernandez, Elena R. EOP/OSTP (b)(6)
Sent: Thursday, March 5, 2020 9:19 AM
To: Moorhead, Dolly K. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP (b)(6); Kratsios, Michael J. EOP/OSTP (b)(6)
Subject: RE: tech & coronavirus // DRAFT

(b) (5)

From: Moorhead, Dolly K. EOP/OSTP (b)(6)
Sent: Thursday, March 5, 2020 9:18 AM
To: Hernandez, Elena R. EOP/OSTP (b)(6); Parker, Lynne E. EOP/OSTP

(b)(6) Kratsios, Michael J. EOP/OSTP (b)(6)

Subject: RE: tech & coronavirus // DRAFT

(b) (5)

Dolly Kilroy Moorhead
OSTP

From: Hernandez, Elena R. EOP/OSTP (b)(6)

Sent: Thursday, March 5, 2020 8:03 AM

To: Parker, Lynne E. EOP/OSTP <(b)(6)> Kratsios, Michael J. EOP/OSTP

(b)(6)

Cc: Moorhead, Dolly K. EOP/OSTP (b)(6)

Subject: RE: tech & coronavirus // DRAFT

(b) (5)

From: Parker, Lynne E. EOP/OSTP (b)(6)

Sent: Wednesday, March 4, 2020 5:59 PM

To: Hernandez, Elena R. EOP/OSTP (b)(6) Kratsios, Michael J. EOP/OSTP

<(b)(6)>

Cc: Moorhead, Dolly K. EOP/OSTP <(b)(6)>; Parker, Lynne E. EOP/OSTP

(b)(6) >

Subject: RE: tech & coronavirus // DRAFT

(b) (5)

From: Hernandez, Elena R. EOP/OSTP (b)(6)

Sent: Wednesday, March 4, 2020 5:51 PM

To: Kratsios, Michael J. EOP/OSTP (b)(6)

Cc: Parker, Lynne E. EOP/OSTP (b)(6) Moorhead, Dolly K. EOP/OSTP

(b)(6)

Subject: tech & coronavirus // DRAFT

(b) (5)

COVID Meeting Materials

From: "Calcagno, Drew A. EOP/OSTP" (b)(6)
To: "Kratsios, Michael J. EOP/OSTP" (b)(6)
Date: Tue, 10 Mar 2020 15:53:49 -0400
Attachments: COVID-19 Tech Task Force_ White House Overview.pdf (62.69 kB); COVID Tech Meeting Flow v1.docx (46.66 kB); COVID Tech Meeting Flow v3.docx (47.9 kB)

Michael,

Here is the (1) external document, (2) document from this morning, and (3) current draft.

Drew

(b) (5) [Redacted]

[Redacted]

[Redacted]

[Redacted]

- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
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[Redacted]

DELIBERATIVE // DRAFT



THE WHITE HOUSE

(b) (5)

[Redacted]

March 11, 2020

DELIBERATIVE // DRAFT



THE WHITE HOUSE

(b) (5)



(b) (5)

DELIBERATIVE // DRAFT



(b) (5)

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