

**From:** Fauci, Anthony (NIH/NIAID) [E]  
**Sent:** Mon, 17 Feb 2020 18:47:09 +0000  
**To:** Cassetti, Cristina (NIH/NIAID) [E]  
**Subject:** FW: AI supplementation of influenza surveillance system for COVID-19 outbreak.

Please handle.

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**From:** Ed Peshko <esp@hedviginc.com>  
**Sent:** Monday, February 17, 2020 1:10 PM  
**To:** Fauci, Anthony (NIH/NIAID) [E] (b) (6)  
**Subject:** AI supplementation of influenza surveillance system for COVID-19 outbreak.

Dr. Fauci,

Like you, I've been watching the COVID-19 outbreak with great alarm. Given the current data, I'm almost positive at this point that it will hit the US hard at some point and as a student of history that terrifies me.

So I'm hoping that your department has contacted the Bill and Melinda Gates foundation and see if you could make the following idea national or international. It is a supplemental health system based on AI and mobile technology and consists of two planks:

First:

- train an AI to be able to detect COVID-19 by measurements that can be done by cell phone (for example pictures of patients, recordings of patient's respiratory system)

Second:

- develop and release a smart-phone application that does the following: