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Sent: Thursday, April 30, 2020 5:00 PM

Subject: Update on DoD Medical R&D Funding from CARES/COVID-19

Colleagues,

Please broadly disseminate.

Refer to the Medical Technology Enterprise Consortium (MTEC) website for updates on these projects - <https://www.mtec-sc.org/>

US Army Medical Research and Development Command (USAMRDC) has received \$215M of the \$415M that the DoD's Defense Health Program was appropriated for research, development, testing and evaluation.

- About half of this money will go to the intramural DOD labs (US Army Medical Research Institute of Infectious Diseases [USAMRIID] and Walter Reed Army Institute of Research [WRAIR]) for vaccine and modeling research.
- About \$80-100M will be put out on competitive solicitations, likely through MTEC
 - On April 2nd, MTEC notified membership of the following potential upcoming COVID related topics:
 - *Treatment of COVID-19 related Severe Acute Respiratory Distress Syndrome and Acute Lung Injury*
 - *Technologies to reduce medical workforce burden and maximize resource utilization*
 - *Point-of-care diagnostics to rapidly ID infected individuals*
 - *Predictive analytics that can forecast potential hot spots and empower decision makers response actions*
 - The potential MTEC topics described above are subject to change
 - A point-of-care diagnostics solicitation will likely be released and will focus on **biosensors** to detect temperature, heart rate, breathing rate, oxygen levels, etc. – rather than a “dip stick” type of rapid test.
 - Telemedicine & Advanced Technology Research Center (TATRC) will likely sponsor a solicitation after they perform some type of market research (“Hackathon”). It is advisable to respond to any type of RFI that TATRC releases (if applicable to your research), because it may impact what their final solicitation looks like
 - There will likely be an opportunity related to architecture and data storage, ways to identify symptomology an predictive modeling
 - When these MTEC solicitations are released, potential offerors will likely have a very short period of time to respond (e.g. 2 weeks)

Please let me know if there are questions I may address.

Best regards,

Ron