To: LeDuc, James W.[jwleduc@UTMB.EDU]
From: David Franz[davidrfranz@gmail.com]
Sent: Wed 8/28/2019 4:39:51 PM (UTC-05:00)

Subject: Re: CISAC SWOT analysis

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Sure. I had a long talk with Micah yesterday. Mostly about my current study but a bit about the call. I think this would encourage him.

Sent from my iPhone

On Aug 28, 2019, at 5:17 PM, LeDuc, James W. < jwleduc@utmb.edu > wrote:

Good additions. Should we share with those on the call?

From: David Franz < davidrfranz@gmail.com Sent: Wednesday, August 28, 2019 4:02 PM To: LeDuc, James W. jwleduc@UTMB.EDU

Subject: Re: CISAC SWOT analysis

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Excellent Jim! I think it's a great idea. I made a few suggestions in red. A couple may be inappropriate or poorly worded; feel free not to use. Also importantly, I was easily able to spot you handsome young guys in the photo. Thanks! dave

David R. Franz Gettysburg, PA (240) 674-0797

On Aug 28, 2019, at 4:24 PM, LeDuc, James W. < iwleduc@UTMB.EDU > wrote:

Dave, I started on the attached SWOT analysis following yesterday's CISAC call. Please take a look and add items as you see fit. I think we should be proposing a big, multi-million dollar, multi-year set of activities that builds on the natural linkage between the NAS and other Academies of Science to systematically address biothreats. The elements of the strategy could build around the proliferation of biocontainment labs (and biosafety/biosecurity) and the rapidly changing scope of technological advancement that represent new opportunities/challenges in this space. We should budget for an adequate staff to do it properly. We've been hampered by thinking small while our competition (JHU, NTI) has gone big. Given our successes with China, we might actually try to partner with CAS....

I didn't share with others but we could if you think there's value in the approach.

Also attached is a classic photo from 1986 in Wuhan when Jim Meegan and I spoke at a virology conference. We do have some history in the area! Jim is retiring at the end of the month from NIH.

Thanks, Jim

James W. Le Duc, Ph.D.

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<JMM in China 1986.pdf><NAS CISAC SWOT analysis-2019.docx>