

Twitter Thread by [Billy Bostickson ■■■&■ ■](#)

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The Colorado State University documents on bat pathogen research via [@USRightToKnow](#)

The documents offer a glimpse into the military-academic complex of scientists who study how to prevent spillovers of potential pandemic pathogens from bats, raising questions about contagion risks, for example, of shipping of bats and rats infected with dangerous pathogens.

Colorado State University documents on bat pathogen research

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Posted on January 21, 2021 by [Sainath Suryanarayanan](#)

This post describes documents of Colorado State University (CSU) Professors Rebekah Kading and Tony Schountz, which U.S. Right to Know obtained from a public records request. Kading and Schountz are virologists who study bat-associated pathogens in hot-spots across the world. They collaborate with EcoHealth Alliance, the U.S. Department of Defense (DoD) and the Defense Advanced Research Projects Agency (DARPA), the U.S. military's research and development arm.

Does Rocky Mountain Laboratory ring a bell?

It should do, because that is exactly where Angela "It's all a Conspiracy" Rasmussen worked on DARPA programs <https://t.co/O22i48vG7K>

No wonder, [@MonaRahalkar](#)

From Rocky Mountain to Mailman, Columbia and Lipkin

angela rasmussen rocky mountain



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https://twitter.com/angie_rasmussen/status/1241806323538247680

Dr. Angela Rasmussen on Twitter: "New pre-print from my ...

Mar 22, 2020 — New pre-print from my excellent collaborators at NIAID Rocky Mountain Labs, Emmie de Wit and Vincent Munster. They worked incredibly hard ...

<https://loop.frontiersin.org/people/418158/network>

Angela Rasmussen - Loop

Angela Rasmussen. Doctorate. Columbia University. New York City, United States. Rocky Mountain Laboratories (NIAID). Hamilton, United States. 8,935views; 106 ...

<https://static1.squarespace.com/static/5e75128ab88c3b13a9b4aa5a/t/5e83bae64722c249d2937537/1585691367178/Rasmussen+CV-Web+.pdf> PDF

Angela L. Rasmussen, Ph.D. - Squarespace

Angela L. Rasmussen, Ph.D. EDUCATION. University of ... on BSL-4 pathogens as a special volunteer at the Rocky Mountain Laboratories. Integrated Research ...

I don't like to blown my own whistle too much but I identified this PREEMPT transmissible bat vaccine research back in October

<https://t.co/hiyPfi4QR9>

PREEMPT novel transmissible bat vaccine <https://t.co/PRyCWJiLzr> pic.twitter.com/JLd8fKxOLu

— Billy Bostickson \U0001f3f4\U0001f441&\U0001f441 \U0001f193 (@BillyBostickson) October 29, 2020

and in more depth here:

<https://t.co/z2OeR3Fw5X>

1. Thread on Animal Vaccination - US Military

Prediction of Spillover Potential & Interventional En Masse Animal Vaccination to Prevent Emerging Pathogen Threats in Current and Future Zones of US Military Operation <https://t.co/u3e229XP19>

Thanks to @R_H_Ebright for paving the way

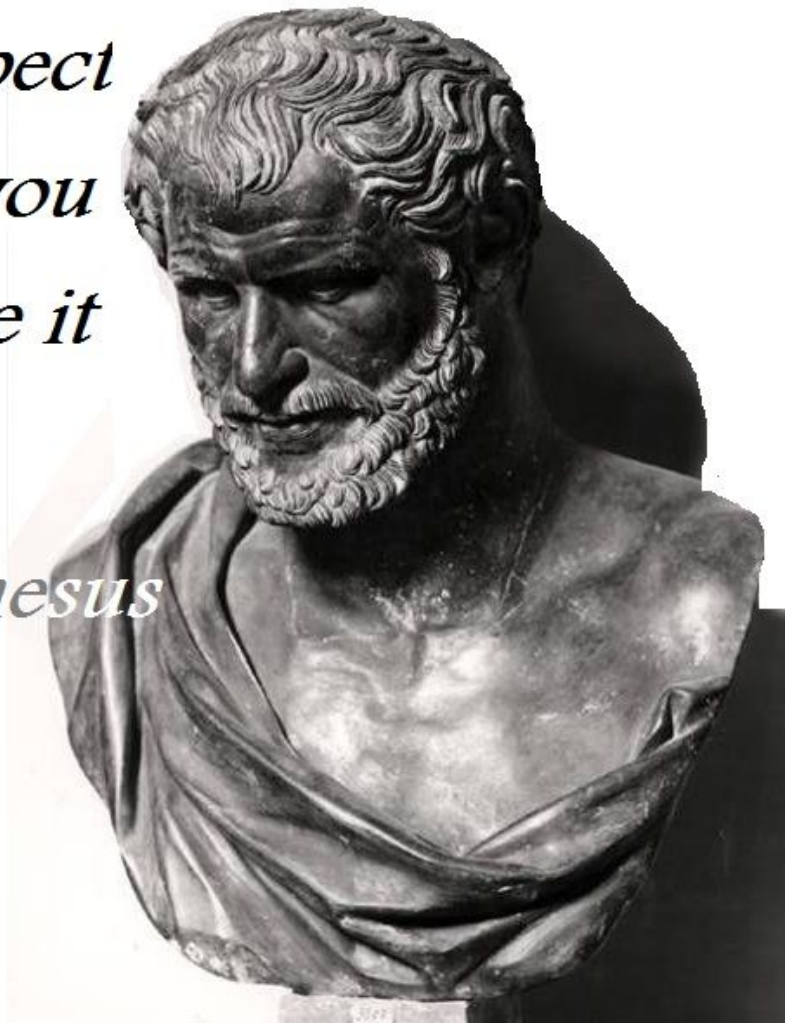
— Billy Bostickson \U0001f3f4\U0001f441&\U0001f441 \U0001f193 (@BillyBostickson) September 25, 2020

I will leave the last word to Heraclitus

<https://t.co/0F1tI0VDwG>

*"If you do not expect
the unexpected, you
will not recognize it
when it arrives."*

Heraclitus of Ephesus



<http://100qualityquotes.wordpress.com/>
Sponsored by Imarpress and B.I.D.

7. Investigators at WIV could have performed such experiments in coronavirus gof manipulation, trying to obtain a live attenuated virus for attenuated vaccine, based on covs isolated from Yunnan, when there was a laboratory accident/leak of virus in 2019 <https://t.co/pdmdNM9ITZ> pic.twitter.com/8aUMIoyF6W

— Billy Bostickson \U0001f3f4\U0001f441&\U0001f441 \U0001f193 (@BillyBostickson) September 25, 2020

On second thoughts, I won't.

<https://t.co/M5pNPjSx66>

2018 DARPA PREEMPT

Researchers will be required to conduct field surveillance of animal & insect species in high-risk areas around the world; sequence viruses as they evolve; analyze jump risk & finally, validate models using simulated natural environments
<https://t.co/ollz3cM3CM>

Previous Preemptive Research into PREEMPT - Thread Ahoy!

<https://t.co/fVne8Yflvl>

PROQUEST RESEARCH THREAD

Mainly DARPA/PREDICT/ECOHEALTH papers

1. PREEMPT Team will study air-borne highly pathogenic avian influenza virus in birds & small mammals, &

tick-borne Crimean-Congo hemorrhagic fever virus.

Dr. Peter Barry & Dr. Brian Bird <https://t.co/GOUGRoRGfI> pic.twitter.com/r5RslCrGiK

— Billy Bostickson \U0001f3f4\U0001f441&\U0001f441 \U0001f193 (@BillyBostickson) September 28, 2020

<https://t.co/5uaJITAkne>

3. Identifying Suspect Bat Reservoirs of Emerging Infections <https://t.co/lZPBAIjkm7>

Defense Advanced Research Projects Agency (DARPA D16AP00113), and DARPA PREEMPT program Cooperative Agreement (DARPA D18AC00031). pic.twitter.com/dus3bxSAI3

— Billy Bostickson \U0001f3f4\U0001f441&\U0001f441 \U0001f193 (@BillyBostickson) October 2, 2020

that was when the 3000 Tabs I had open crashed months ago dissolving my research into the void temporarily

<https://t.co/u0KQCPXbK6>

Longer Version of Above

<https://t.co/kZh3RTTGsu>

UC Davis - 9 million USD

<https://t.co/stpigaNoyx>



UC DAVIS

School of Veterinary Medicine. "PREEMPT exemplifies the level of innovation that's possible using a One Health approach, and it will protect lives on a global scale."

In addition to Barry and Bird, the other co-principal investigators are Michael Jarvis, associate professor at Plymouth University's School of Biomedical Sciences, from The Vaccine Group; and Professor Scott Nuismer from the University of Idaho.

Co-investigators include researchers Wolfram Brune of the Leibniz Institute for Experimental Virology in Germany; Andrew Davison of the University of Glasgow in Scotland; and Alec Redwood of the University of Western Australia.

Rocky Mountain Laboratories in Montana - 10 million USD

Angela Rasmussen says Thanks a Lot!

<https://t.co/Q2gp2vNLy1>

Samples taken from the bats at the study locations will be sent to Rocky Mountain Labs, the National Institutes of Health facility in Hamilton, Montana, that is specially equipped to study emerging pathogens. Researchers there will inventory the viruses, document their genetic makeup and use controlled cell culture experiments to assess their ability to infect humans.

MSU's Agnieszka Rynda-Apple, assistant professor in the Department of Microbiology and Immunology, will analyze the bat samples for proteins that indicate the ability of the bat immune system to respond to viruses as well as environmental stress, potentially providing insights into how the diseases spread to humans.

The PREEMPT Vaccine Research described here

<https://t.co/hBhRJHzXUi>

<https://t.co/hBhRJHzXUi>

Its novel animal vaccination strategy is based on safe forms of cytomegaloviruses (CMV) that are naturally prevalent in nearly all animals, including humans.

The vaccines are created by modifying these viruses — inserting small regions of the viral pathogen being targeted (eg. Ebola virus) to stimulate immune responses against the virus prior to possible exposure.

Because the resulting vaccine is CMV-based, it has the potential to reach a large number of animals within a single, defined animal population. Co-evolution with animal species over millions of years has resulted in CMV being highly restricted to a single animal population and to the lack of disease from CMV in these animals — both of these provide important levels of safety. The CMV vaccine will be rendered even safer by additional modifications. Once a critical mass of animals has been immunized, the zoonotic disease no longer poses a danger to humans.

Transmissible Bat Vaccines

<https://t.co/TTpcPWmPng>

"Transmissible vaccines face some hurdles before they hit the wild. Among the challenges is the risk of a vaccine spreading beyond the intended population or jumping into different animals, with potentially unpredictable results"

<https://t.co/XUJBWkQehU>

@JohnsHopkinsSPH is part of a PREEMPT team led by @montanastate working to predict & prevent spillover of henipavirus from bats into humans & other animals. Learn how the team conducts field surveillance to identify the paths a virus takes into humans.<https://t.co/TvpqHFIqIF>

— DARPA (@DARPA) [October 11, 2019](#)