9/3/2020





## Revd 9/3/2020

EDC COB <edc.cob@edcgov.us>

## Permission to Release Your Contact Information (Re: COVID-19) f/ TERRY KAYES 1 message

Terry Kayes <kayes.gov@gmail.com>

To: "Dr. Ann Cornell-Bell" <ann.cornellbell@gmail.com>

Cc: John Hidahl <bosone@edcgov.us>, Shiva Frentzen <bostwo@edcgov.us>, Brian Veerkamp <bosthree@edcgov.us>, Lori Parlin <bosfour@edcgov.us>, Sue Novasel <bosfive@edcgov.us>, Kim Dawson <kim.dawson@edcgov.us>, Don Ashton <don.ashton@edcgov.us>, David Livingston <david.livingston@edcgov.us>, Don Semon <don.semon@edcgov.us>, "Dr. Nancy Williams" <nancy.williams@edcgov.us>, Iynnan.svensson@edcgov.us, michael.ungeheuer@edcgov.us, Kathryn Jeanfreau <kathryn.jeanfreau@edcgov.us>, Greg Stanton <greg.stanton@edcgov.us>, Dave Johnston <dave.johnston@edcgov.us>, Laura Lyons <lyonsl@edso.org>, Josh Sprague <spraguej@edso.org>, Scott.Lindgren@fire.ca.gov, corderot@eldofire.com, McKayb@eldofire.com, oganl@eldofire.com, Tiffany Schmid <tiffany.schmid@edcgov.us>, Rafael Martinez <rafael.martinez@edcgov.us>, edc.cob@edcgov.us

Greetings Dr. Ann Cornell-Bell (Westbrook, Connecticut),

By now I assume you have had time to review my August 27 email message to you, and identify any mistakes I may have made in summarizing (i.e., interpreting) our earlier phone and email messages. (*Please inform me of significant errors.*)

To date, my main contacts regarding the COVID-19 pandemic have been with a number of individuals in the government of El Dorado County, California, and various professional staff at the University of California (SF, LA) University of Washington (Seattle), University of Minnesota (Minneapolis), the National Institutes of Health (Bethesda, Maryland) and Johns Hopkins University (Baltimore, Maryland). Throughout much of my 32year career as a research scientist and program administrator, I had working contacts in all the above institutions, as well as many others nationally and worldwide.

It is my understanding that you have spent most of your long career as a research scientist and medical-testing consultant, working mainly in such Atlantic seaboard states as New York, Connecticut and Massachusetts -- and elsewhere in the U.S.

This is a request for your permission for me to send to others I judge to be appropriate your consulting contact information (i.e., your full name, full name of company/companies, postal/ street mailing address(es), phone numbers, email addresses) on matters pertinent to the COVID-19 pandemic. If you have similarly relevant Internet-site addresses you care to release, please email me their names and online links in your reply.

Thu, Sep 3, 2020 at 7:07 AM

(I have concluded that the levels knowledge and professional experience you have, as well as your affiliations with proven highly-credible biomedical testing and products providers, in my opinion, should be of great assistance to the government and people of El Dorado County in there efforts to deal with an increasingly threatening pandemic that has recently been predicted to soon become far worse in California -- e.g., see online **IHME COVID-19 Projections for California**.)

To help protect your privacy, I do not presently plan to release your (above-indicated) contact information until after I receive your permission to do so by email (or by other means).

If possible, please format your contact information as follows, for me to forward to others concerned about the pandemic:

Professional Title(s) & Full Name Name of Company or Companies Postal/Street Mailing Address(es) Office and Mobile Phone Numbers Business Email Address(es) Web or Internet Sites and Links

Thank you for your attention to this matter. I look forward to receiving your reply soon, so I can forward your information to others in California who, in my opinion, need it and might benefit greatly from having it (in view of the now worsening pandemic situation in the state, which is predicted to worsen far more over the next 3 months). What is needed is robust effective action and far less talking and debate.

Best regards.

Terrence B. Kayes, PhD 2963 Five Mile Road Placerville, CA 95667 Home: 530-644-1406 Mobile: 530-651-3461 kayes.gov@gmail.com



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## COVID-19 ALERT: The Coming Firestorm (1) f/ TERRY KAYES

1 message

## Terry Kayes <kayes.gov@gmail.com>

Thu, Sep 3, 2020 at 1:10 PM

To: John Hidahl <br/>
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The purpose of this communication is to alert El Dorado County (EDC) government, its public-health and related professionals, the EDC Board of Supervisors, emergency responders, hospital staff, business community, various school boards and teachers, and especially the public, that time is fast running out on being able to respond effectively to the COVID-19 pandemic, to head off both a statewide and a county-wide long-lasting health and economic calamity of unprecedented proportions.

If all the above "do not get their act together," in concert with the State of California, their counterparts in other counties of the state, and the state's better biomedical and public-health research institutions, to get both its molecular (viral RNA) and its late- to post-infection antibody (IgM/IgG) COVID-19 testing protocols "debugged" and in full and on-time operation (so as to substantially increase the present rate of testing individual people more than one time at predetermined time intervals of a few weeks) within the next 6 to 12 weeks, then there will be no stopping the pandemic and its almost certain catastrophic consequences (over 100,000 dead and a protracted economic depression statewide by the autumn of 2021, plus the health of millions of COVID-19 survivors statewide seriously compromised by the quite-often intense inflammatory reactions that occur in the tissues and organs (e.g, the brain, liver, kidneys, intestines, and immune and cardiovascular systems) infected by the virus, or by secondary-infectious pathogens.

Last Thursday (August 27, 2020), I sent many of you copies of the last of a number of email communications and phone conversations I've had in recent weeks with Dr. Ann CornellBell, COVID-19 Products Consultant, Oasis Therapeutics, LLC (California); & President and CEO of Perseus Sciences Group, LLC (Connecticut). She is a PhD-level cell biologist who lives in Connecticut, has had long-experience in research, and has among her main areas of expertise: <u>diagnostic development</u>, "point of care" testing, <u>neurochemistry</u>, <u>receptor physiology</u>, <u>high throughput screening</u> -- plus a keen, up-to-date applied-science and biotechnology-based knowledge of immunology, immunochemistry and virology -- especially as they apply to the COVID-19 pandemic and the SARS-CoV-2 virus.

As for California Governor Gavin Newsom's August 26, 2020 announcement that the state has signed a "groundbreaking contract with a major diagnostics company [*i.e.*, *Perkin-Elmer*, *Inc. of Massachusetts*], which will allow California to process up to an additional 150,000 COVID-19 diagnostics tests a day, with a contractual turnaround time of 24-48 hours," <u>it is an</u> <u>obvious and praiseworthy step in the right direction</u>. But by itself, <u>it does not go nearly far enough</u> as a tactic to get the COVID-19 pandemic under control, and based on the dates on which these additional tests are expected to first become available by November 1, and be being "run at full capacity by no later than March 1, 2021," the overall testing protocol will very likely be "<u>too little, too late</u>" to prevent what will be a number of highly damaging, long-term human-health and economic consequences.

The additional contracted diagnostic tests, using a one-test approach to dealing with *t*he COVID-19 pandemic will be too little, too late, because even the best molecular (RNA) tests have definite limits in what they in-fact reveal, and because before November 1 (when the additional tests first become available) California is predicted to be "hit" by an enormous increase in the intensity of the historically (as of now, stillrather) moderate pandemic -- in terms of the incidence of deaths and severe cases in need of hospitalization.

I'll do my best to briefly explain this threatening "too little, too late scenario" in the next week or so, plus also provide supporting documentation for a coronavirus (and relatedfactors) national, statewide and El Dorado County humanhealth and economic "firestorm" between now and the end of 2022, if the level of public denialism and irresponsible behaviors, public-policy dithering and half measures, and lack of "<u>fast and firm</u>" coherent science-based (definitive) actions and logistical measures by both government and society at large aren't brought to a halt -- <u>soon</u> (meaning within the next month or two at the latest). November 1 is now less than 2 months away, after which the COVID--19 pandemic "genie" will almost certainly be "out of the bottle," out of control until it runs its natural course.

Historically, such is the almost inevitable consequence of human denialism and failure to act intelligently in a "<u>fast</u> <u>and firm</u>" manner in rapidly-growing crisis situations, as if ignoring or only "reacting" in a limited way to a clearlylooming crisis will make it go away.

The main reason I sent my August 27 email message to Dr. Cornell-Bell was to sum up and review what she and I had discussed earlier about the COVID-19 pandemic in two initial phone conversations and three later follow-up email communications. The August 27 message was for her to comment on and correct, if my overall interpretation of what we had earlier discussed was in error. Thus, that latter message was basically a "reality check."

The main reason I sent most of you copies of my August 27 email communications to Dr. Cornell-Bell was to alert you to her existence and access to COVID-19 knowledge and diagnostic, prevention and other related resources useful to dealing better with the ongoing further spread of the pandemic, particularly in Northern California. In the next week or so, I hope to be able to provide those of you who have the responsibility of dealing with (and minimizing) both the near-term and long-terms impacts of the pandemic on the people of California as a whole, and El Dorado County in particular, with key insights on how to proceed -- assuming the situation isn't already out of control, as some scientists "in the know" almost certainly privately think, but won't say so publicly.

In my experience, one of the principal problems which has evolved in government and public discourse in the past decades has been the political "<u>muzzling</u>," or the "<u>muting</u>" of professional insights and knowledge on the part of many apprehensive individual scientists who all too often fear censure or politically-driven punishment for candidly expressing what they know or think.

Based on what I know of Dr. Cornell-Bell's background, as well as her forthright, knowledge-based manner of presentation and discussion, I believe she may well be a valuable resource and high-value knowledge contact on diagnostic and other testing and screening methods, as well as other technical methodologies, pertaining to the COVID-19 pandemic. Adding to this is her years of experience working in such Eastern seaboard states as New York, Connecticut and Massachusetts, in a region of the U.S. where last spring the pandemic "broke out" with particular intensity, killing tens of thousands.

Given the present situation, there are no guarantees of any certain solutions to the COVID-19 pandemic. There is already the possibility that it may be beyond present means to control in much of California, as well as many other places in the U.S. As usual, time will tell.

Pending Dr. Cornell-Bell's permission, I will as soon as I can forward her contact information to the EDC Board of Supervisors, Chief Administrative Officer, County Health Officer, and senior EDC public-health professionals. I do truly believe she could help the county immeasurably in these difficult times of growing uncertainty and anxiety, both on the part of the public and decision-makers who in recent times have often been too prone to hesitation when decisiveness is needed to avoid great harm.

"<u>He who hesitates is lost</u>" is one of several old maxums that ought to be brought quickly to mind when making "yes-or-no decisions" about how best to deal effectively with the COVID-19 pandemic.

Best regards.

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