

RAPID - Responsive Action for Preventive Intelligence and Deterrence

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RAPID = a public-attention, media, education, wakeup-call Blitz.

RAPID is about everything to do with CRAIDO ¹ and with our problems of pandemics as well as food, water and environmental health and safety, but it is especially head-on and straight-on about the current H1N1 Pandemic and the various Initiatives to mitigate the diseases effects on the human population in the USA and globally.

RAPID is about a move to create news, to get attention, to raise awareness, to get interviews with major news carriers, about everything that is in CRAIDO and the underlying CUBIT offering and the work of TETRADYN and its partners to help create a safer and healthier society and to reduce the impacts and effects of such events as viral pandemics.

No matter how benign the bug may be, or seem to be, the fact is that today more than ever we need CRAIDO in the towns, cities, and states of America and the World.

Within CRAIDO there is a practical set of tools that can bring today the following to the whole problem of publicly transmissible diseases, as well as food-borne health threats, and it simultaneously and seamlessly has value for other detection-diagnosis-response-treatment approaches for health conditions that should be monitored and tracked closely, for individuals as well as populations (relating to cardiovascular, cancer, obesity, auto-immune disorders and other generic-market and epigenetic conditions).

This is all based in and contained within CUBIT,² and in particular we are talking here about the modular and versatile CRAIDO Labstation, both stationary and mobile, and the network of biomedical informatics that grows and evolves from the use of the Labstation by local, regional, state and federal health agencies, by airports and seaports, by large employers, by food processors, and by transit authorities.

CRAIDO = TODAY, not in some distant or bureaucracy-entangled tomorrow.

RAPID = Getting the world to know about it so that the World can push the dominoes down in the stalled bureaucracy and stalled financial world, so that CRAIDO is not help back any longer.

CRAIDO = sensible, economical, efficient, easy, ready, portable, reconfigurable, fault-tolerant, and most of all, Ready to Rock-N-Roll as soon as some “rocks” can be moved off their placid and languid seats on the wayside of Life.

Here is what CRAIDO really addresses, not as some magic pill, not as a panacea, not as a black box, but as a set of:

¹ CRAIDO = Community Rapid Response to Infectious Disease Outbreaks

² CUBIT = Comprehensive and Unified Biosystem/Biothreat Identification/Intervention and Tracking/Treatment

- Diagnostics with Early Warning Sensing (DEWS) for biopathogens and disease trends
- Genetic Mutation Anomaly Detection, Identification, Tracking, and Forecasting (MADIT)
- Situation Awareness Notification and Emergency Response (SANER)
- Virtual Sample Repository Bank (VSRB) for control and access to emergent infectious disease biosamples

CRAIDO is a set of tools that gets put out into health department labs, airports, transit centers, university campuses, hospitals, large-volume employers, as need be, stationary or mobile, and used to get close-to-incidence testing and diagnostics, and then reporting, and responding, and above and through all this, intelligent analysis pointing toward future vectors and trends of disease and predisposition-conditions that can affect large populations.

CRAIDO is also about much more than detect, identify, diagnosis and report.

In any major emergency, in any “emergent critical event” (process), in any pandemic or near-pandemic, there are several other major action-items that must be addressed. CRAIDO serves these needs, too, in very important, essential, economical, and fault-tolerant ways.

1. Assisting health providers in getting vaccines, medications and physical responsive support to those people who need them the most urgently
2. Field-centric, robust, failsafe communications and data fusion among healthcare providers, including the use of cameras, environmental sensors, GPS, GIS
3. In-the-field public education through online educational and informational broadcasts and webcasts, aiding in “Myth Buster” activities to provide people with true, accurate, timely facts
4. Assisting public safety and social continuity teams in managing social unrest and disruptions that, if unchecked, can wreak further havoc upon a community through increased infection and injuries from interpersonal conflict

We need to get the word out, to make some intelligent and attractive “noise” with the newspapers, magazines, and especially with TV, cable, and YouTube. We do not have much time at all.

TIME IS RUNNING THIN. Many people at CDC, NBAS, DHHS, DHS, PCAST, and within the White house’s H1N1 Pandemic Initiative have been saying some very excellent things about CUBIT and CRAIDO. But things are bogged down in the sandtraps, tar pits and molasses barrels of bureaucracy. Red tape galore, like never before! Also, the financial and investor community, well, some of them are simply unbelievable. They simply “don’t get it.” But their lack of quickness and lack of ability to “connect the dots” and to simply add things up, 1, 2, 3, is apt to cost thousands of lives and many more instances of discomfort, stress, and simply poor health.

We can make a difference with CRAIDO. We need to form teams, cadres and consortia among creative people in the sciences and the arts, in language, writing, graphics, video and other media. We need to send The Message to all sorts of people in Congress, the government agencies, and in the private sector. **HELP CRAIDO BE KNOWN AND “HAPPENING” AND YOU WILL BE HELPING ALL OF US, SIMPLY AND TRULY ALL OF US.** Get Energized, Get Creative, Be **RAPID**.