

Cary E. Fechter, M.D.

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Pulmonary, Sleep, Neurophysiology, and Critical Care Medicine

Dr. Fechter is a multi-boarded, multi-specialist physician and researcher.

His company Prevention Technologies has created instruments predominantly for remote/home monitoring , Intensive care respiratory and communications systems, and instruments for earlier recognition of cognitive risk, and elder-user-friendly teaching instruments.

Since the Covid-19 pandemic, telemedicine has become mandatory and mainstream. Unfortunately, prior to his remote stethoscope system, telemedicine offered no physical examination of the heart, lungs, neck or abdomen without an additional medical assistant at the patient's home. Far too many patients require distant care, are weak or immobile, and require frequent examinations. This deficiency was a daily issue as the Director of the Covid Recovery Center in Houston, Texas. These observations lead to the comprehensive remote medical monitoring system for which auscultation has become its unique core component. His concentration has become the distribution of the functional prototype to solve such a serious world-wide need.

Chronological:

1980 Sloan Kettering, New York City. During the worst years of AIDS , he studied infectious disease and immunology, and later published in Cancer Immunology and Immunotherapy .

Training or coursework includes Stanford, Cleveland Clinic, Harvard University (see CV). Dr. Fechter taught physical diagnosis at Medical University of South Carolina, leading to modernized home-based diagnostic devices, including the **remote stethoscope**. He has been a clinical pulmonary and ICU instructor creating more effective respiratory and communications systems.

In 1991, he was the team director in the development an AIDS-resistant mass vaccination device distributed world-wide.

His most ambitious undertaking was cancer-related. **Finding the Cure.org**. (2003) required his personal funding of over \$500K for bioinformatic P-53 cancer research. P-53 is a transcription regulator of cancer growth and a major target in mutation suppression and potential cure.

As a critical care specialist, he was recruited for the Disaster Medical Assistance Team (DMAT-a section of FEMA). After Hurricane Katrina, he Chaired the International Next of Kin Registry (NOKR) for rescue and identification of victims (2006). He worked intimately with the National and International Red Cross. His main interest was the coordination of local, regional, and national supportive agencies. This was a well-publicized, serious deficiency. He met individually and at meetings, with coroners, pathologists and chromosomal experts to advance our ability to identify deceased victims following severe disasters, a sad, but much needed process.

His Katrina experience also led to his personal submission of the **E.V.E.N.T.S.** disaster management plan. The plan (attached) ascended through government, culminating with an in-person, U.S. Surgeon General and a staff presentation in 2006. He was offered a permanent physician position in disaster relief in Washington. Those steps are now embedded into the disaster response protocol.

Biochemically, in 2017, at the Boston Brain Clinic, he was recruited to oversee neurological immunological medications and combinations. JAMA neurology endorsed the Boston Brain Clinic's combination **class of**

medications. His Alzheimer's research has culminated in the development of **NEURO-PRESERVATION**, offering earlier and more sensitive diagnostic methods needed when intervention is far more effective. The

SMARTESTEVER.Com program offers treatment and prevention protocols. The program is complete including eye-tracking devices and proprietary testing protocols.

Memory loss (from mild cognitive impairment to complete incapacity) has become a common fear. The diagnosis and treatment of Alzheimer's Disease is now a cornerstone of senior care. The expectation and demand for earlier more effective intervention is urgent and achievable. The program has become one of Dr. Fechter's most respected endeavours.

Infectious or critical care international commitments include in-person instructional campaigns to several South American countries, Asia, the Caribbean, and the Sudan.

He has received multiple compassion and service awards as a physician and national recognition. He has been a 5-star, top-rated physician since 2001, when physician health grading began (healthgrades.com)

He was given the opportunity to be a Harvard ICU visiting physician after meeting with staff and completing two of the Harvard Critical Care courses. The visit will specifically allow the demonstration of two communication-based ICU devices which establish communications between intubated (or CPAP) patients, the staff, and their families. Studies show such devices will clinically reduce ICU stays, mortality, and Post Traumatic Stress Disorder (PTSD) associated with ICU care.

In Michigan (2016), where opiate deaths remain extreme, he was asked as an ICU specialist, to investigate opiate ingestion monitoring and safety intervention protocols (Opiatrace). He very logically created a system to reduce unprecedented death-rates. Dr. Fechter's team of engineers and pharmacists developed high-tech, low-cost remote vital sign-respiratory, cardiac, and opiate consumption monitoring which improve both cardio-pulmonary and opiate care. **The remote stethoscope uses much of the opiate technology and has become the most acclaimed of the company's monitoring devices.**

Dr. Fechter's Care Philosophy (taken from Health Grades.com)



Medicine has been a privilege, challenging, and has defined me. Thank you to the many who have entrusted my staff and me over these many years. I once wrote that empathy is a caregiver's greatest act of courage. As I enter the age of many of my patients, I find courage all around me. I rely heavily on compassion and faith. I try to instill hope, and a sense of wanting to live the best life possible, even with the most serious of conditions. Take care of yourself, and in doing so, set an example for those you love.