



**The Institute of Electrical and Electronics Engineers  
(IEEE)  
Galveston Bay Section  
Life Member-AG and Joint Societies Chapter**



**ONLINE Virtual Meeting**

**Saturday, December 19th, 2020 10:00 AM- 11:00 AM US-CDT(Houston-Chicago)**

**Topic: “Anatomy of the Covid-19 pandemic: Prospects for Cure”**

**Speaker: Dr Syed Ali Naqi, Professor Emeritus, Cornell University**

**PRESENTATION SUMMARY:** In recent years, three coronaviruses have caused significant human diseases.

Severe Acute Respiratory Syndrome (SARS), Middle East Respiratory Syndrome (MERS), and the current covid-19 infection all came from animal sources. In each case, humans working close to animals became infected, and subsequently spread the infection to others.

Compared to covid-19, SARS and MERS had limited potential for spread and were self-limiting. Therefore, no preventive biologics or vaccines were developed for those infections.

The covid-19 infection began to spread from China at the end of 2019 and soon became a pandemic. The world found itself unprepared for this new virus and to-date its spread remains unchecked. The covid-19 inflicted morbidity and mortality figures keep growing at an unprecedented rate and any solution for it is still untested.

Even in these dark days of the pandemic, there are sliver linings of hope and achievements. New technics are being developed for diagnosis and treatment, and innovative vaccination methods are being introduced. Such innovations not only hold promise for the control of covid-19, but also for control of other infectious and non-infectious diseases in the future.

**PRESENTER:** Dr Syed Ali Naqi received his Veterinary Medical degree from Osmania University, Hyderabad, and MS and PhD degrees in microbiology from Texas A&M University (TAMU). He served as professor at TAMU and Cornell University New York, and currently holds Professor Emeritus status at Cornell University and Adjunct Professorship at TAMU. During his career, his research included studies on coronavirus infections in animals. He taught and did research for 19 years at TAMU, 15 years at Cornell University NY, and 14 years at Cornell University Weill Cornell Medical College in Doha, Qatar.

He has received many recognitions and awards in teaching and research and has published his research in national and international journals.

**THIS EVENT IS ORGANIZED BY IEEE/ Galveston Bay Section Life Member Affinity Group, GBS, and GBS Joint Societies chapter. The presentation is FREE and open to all Interested IEEE and non-IEEE members.**

**Registration is required by Friday Dec. 18<sup>th</sup> COB to attend.**

**FOR REGISTRATION GO TO <https://events.vtools.ieee.org/m/251442>**

**Log-in Information will be provided to all registrants.**