The emergence of a new member of the Coronavirus family, SARS-Coronavirus-2, has led to a highly impactful global pandemic of the disease COVID-19. This lecture will provide science-based insight into the knowns and unknowns of how virus infection leads to a range of outcomes, and on available preventions that include COVID-19 vaccines. Dr. Fuller will explore what is necessary to move to manage the COVID-19 pandemic to allow co-existing with this new viral pathogen.