To the student of biosciences, this being the century of biology, opportunity seems infinite. The student of life sciences therefore, be it zoology, botany, physiology, microbiology, immunology, biochemistry, biotechnology and other much specialized branches, has the scope to leverage their individual specialized training in a multidisciplinary platform, and produce innovative, path-breaking, and life-changing work that can contribute to the assessment of environment, food production, biomedicine, information technology, and even functional ecology. The understanding of complex systems happening in tandem may be tapped in from the life sciences perspective and translated into nuances of real life. Innovation is the key to finding affordable solution to the pressing national needs in agriculture, health, and energy. One must also stay competitive in the international market. Such translational studies may also bridge the gap between an academic institute and a corporate house by permitting say a university, small business, or nonprofit institution to elect to pursue ownership of an invention in preference to the government. This may also make a marriage between academic thinking simply to generate knowledge and industrial compulsion to generate revenue. Translational research harnesses technology coming out of great academic minds and turns them into brilliant applications by the discipline of commerce. One must also not forget the exigencies imposed by natural disasters, unforeseen exigencies that puts the wind in the sails of scientific drive and expedites remarkable bench-to-bedside turnarounds of life-saving technologies. Powerful technology has been used by nations to tap in nature’s potential to unforeseen heights, but irresponsibly used that mother earth is vastly devastated as a result. So to echo the age-old wisdom that with great power comes great responsibility, the onus is now on the scientist technocrat entrepreneurs to develop economically viable rapid turnaround customized technology which are biodegradable at the product level and eco-friendly at the process level. Green technology is thus the mantra of the day. Scientists working at the micro or macro level are thus guided by the twin principles of efficiency and nature-friendly work philosophy. Products to improve or replace the old
order and process to maximally tap the potential of a system and an inter-disciplinary approach is what should drive any happening organization, be it in the public or the private sector and a marriage of the two if possible, or at least some cross talk, to best utilize available resources to their full potency.

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