

From Bench to clinic and to the community, the quest to conquer tropical diseases and the scholarly role of an ScM.D diplomat.

Alphonsus Ekwerike, MD, PhD, ScM.D, PPCR Harvard, Science Medicine Research Institute, USA, American Academy Of Primary Care Research & Tropical Pharmedic Research Institute/ Center, USA.

INTRODUCTION: In recent times, scholarly evidence shows that research discipline needs solid trending trace, tracks and trails of events, manifestation, cushioning cautions, conclusive suggestions and inference of every problematic study as to infer an evidence base solution, principle and practice of that, as a scientific profession. New disciplines of research practitioners have evolved retraining MDs unto Ph.D certificants as academic medical practitioners & Ph.D bench scientists unto clinical medicine skills. New program entrants are directly trained unto combined MD,PhD degrees as to become Clinical Scientists, research physicians or physician scientist. These and more are the scholarly curriculum & professional responsibility of an ScM.D diplomat, having an edge of starting a bench quest, translating it to clinical and community & solidly, trending basic to clinical evidence base step paradigm, giving collaborators and peer reviewers enough trails of records, data and materials to work with.

PROBLEM: Scientific omissions, time wasting & wide margin of errors occurring frequently in scientific research encountered by bench scientists while translating to clinical or from clinicians while translating to the community or from the community translators presenting a faulty demographic epidemiology to bench or clinical researchers. Tropical diseases remained prime infestations because no scholarly BCC evidence base step paradigm training curriculum has been advanced or introduced to third world endemic countries to breed ScM.D research field workers.

SOLUTION: This diaphragmatic cycle is a serious bottleneck in research discipline and as such, a postulation of scholarly discipline called Sciencemedicine profession is made to train a single individual from the basic sciences (Mathematics, Biology, Physics, Chemistry and statistics) to basic medical sciences (Anatomy, Physiology, Biochemistry, microbiology, Forensic science & pathology, etc), then to para studies / Clinical sciences (Medicine, Surgery, Physiatry, Pharmacology, Pharmacognosy, pathophysiology & public health) and to research oriented disciplines of Nanomedicine, space medicine, regenerative medicine, neuroscience to basic and clinical research rotations & residency cumulating to a five year general research practitioner status and a nine year study for a specialist status of a diplomat (ScM.D) in Sciencemedicine profession.

CONCLUSION: Science Medicine diplomat (ScM.D) education which is a direct nine years combined basic & clinical research training in one step paradigm scholarly curriculum that equals the combined MD/Ph.D degrees acquisition but differs with its broad bench to clinic and community defined evidence linked one step paradigm quest oriented responsibility of its practitioners that are dearly needed to conquer tropical diseases, etc. Third world students and practitioners would benefit immensely from this specialized education to combat diseases and poverty.