



Strengths, shortcomings, and proposals for renovation in medical research

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Abstract

Research is the key to excellence in academic medicine, Research is to utilize the intellectual, scientific and administrative resources and dissemination of new knowledge and to understand the basis of various diseases and improve diagnostic and therapeutic modalities. Medical education investigation design to promote the skills, knowledge, and professionalism of medical students by understanding and evaluating educational systems. Accomplishing research in medical school can encourage the production of papers and research. This can help in elevating careers. It appears that research-active physicians provide better care to patients.

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Introduction

Every fragment of research is born from an idea. The idea may occur as an emotional flash. Research is the systemic interrogation of new knowledge and it is a "Preparatory Scholarship" Research provides a means to enhance one's knowledge, to broaden one's intellectual boundary. Every patient has something to teach us, and in that sense, a research-minded clinician has plenty of scope for research in the course of his everyday performance. Every researcher was once a learner, and every learner becomes a researcher. In medicine distributing knowledge means more than expanding modern automation for passing on and accepting information. "Research means that you don't know, but are willing to find out." "Scientific research is one of the most provocative, advantageous, and gratifying activities." Health and medical sciences knowledge is being generated and changing clinical practice at a very high rate. What you have learned in your clinical training will inevitably become out of date. You need to know about new research and research methods so

that you can make sound decisions about integrating the major volume of new clinical knowledge into your practice and also discontinuing old less effective practices. While thinking about a research paper, refine, express, and actually generate ideas by understanding the process of the mind. In the early modern century, "Medical research or biomedical research or experimental research predominantly takes place in the lab; in the resurgence, though, researchers move first and foremost to the library to read what the ancients had aforementioned." Responsibility with a heavy load of clinical work not provided with basic training in research methodology, the dearth of adequate infrastructure and scientific environment, and consequent lack of consultancy for research, the teachers in our medical colleges are often blamed for our poor scientific contribution.

Challenges

1. Paucity of competent headway in the research of health has been endorsed as a blatant failure of public health
2. New, productive tests and treatments are foreseen as a consequence of the Human Genome Project.
3. The new research work targets drug discovery
4. Generate the use of new medical animal models
5. New biochemical destination for drug screening
6. Many threats endured, in whatever way, encompass the appearance of antibiotic resistance.
7. Also, reflect briefly on the new fields of molecular biology and those “high tech” procedures that have extended the scope of the disciplines of physiological and biochemical inquiry
8. Medicine display great challenges in competition to the burgeoning requirement for physicians.
9. Arbitrating the murky and often untrustworthy health care finance and new ethical dilemma growing out of biomedical science, among many others. To face these challenges, we need booming educational institutions and professional organizations that can help to formulate and put into practice the current research scenario.

Obstacles to Excellence

Accusation without investigation is the highest form of bewilderment. There are some things that we can only learn only in a tornado. Everyone thinks of changing the world, but no one thinks of changing himself. The chief factor in the achievement of the research program is the guarantee of the co -scientists who work in them. If the responsibility is low, the program is not likely to fare well, no matter how effectively its researchers exercise on other fronts. Research is magic but real.

Future of Clinical Research

Clinical research has been an asset from several improvements in recent decades. In the forefront in medicine and agriculture have rescued tremendously more lives than have been lost in all the wars in history. The escalation of the lifetime of humans over the past century can be substantially attributed to the lead resulting from medical research biomedical research is “innovative and fundamental work initiated to increase the established knowledge”. Clinical research stands to benefit from daring, extensive metamorphosis further helping to satisfy its role of leading medicine and creating a positive human future. Mistakes are painful when they happen. But years later a collection of mistakes is called experience which leads to success.