

and accuracy should be our watchwords rather than breadth of view and general impression. The teacher of anatomy should give his whole time to the medical school and should specially cultivate his powers of imparting knowledge, and the medical college should provide all the needs for its impartation. Besides being an exact observer the good physician must be, in the author's opinion, an experimenter. Most physicians, he admits, do not know how to experiment. The three essentials of experimentation are the varying of one factor at a time, the use of repetition and the quantitative estimation of the results. The practicing physician has hardly ever made use of this last. Especially experimental sciences are physics, chemistry, physiology, pharmacology and bacteriology. Like anatomy, they cultivate observation, but demand also experiments, and each has its own methods. Physiology and pharmacology, on account of their use of living material, come especially close to medicine in subject matter and in methods. To the powers of observation and knowledge, how to experiment, the physician must add ability to judge correctly, and the best medical studies to develop this power of interpretative judgment is pathology. Lyon emphasizes the necessity of the research professor in charge of each scientific department. He should have the needed facilities for this, and also for training students. Good teachers are better than fine buildings and if proper instructors are secured they can attend to the equipment if allowed to do so. Teachers are more important than equipment. Lastly, the good physician should be a man of character, and for influencing the student properly to make him such the teachers should also be men of character. Character is the *sine qua non* of the good physician, and the principal way we can influence the medical student, who is the physician in the making, is by surrounding him with characters which are worthy of imitation.

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## MEDICAL PREPARATIONS, ETC.

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### WORDS OF APPRECIATION.

The following letter, relating to the treatment of opium and other addictions, will interest many. It is addressed to our old friend, the Antikamnia Chemical Company, and reads:

"Gentlemen,—Illness, dating from the very day of my former letter, must be my plea for my silence and my seeming indifference to your courtesy, and your exceptional kindness in sending me your little 'Vest-pocket Box.' I want you to feel that I sincerely appreciate your goodness in this little matter. I am in charge of the Woolley Sana-