

them that our science has progressed only by experiment and observation ; that it is by the close observation of the effects of experiment made by disease, and of the thousands of popular experiments that are still being daily made by an easy going public that we hope to progress still further. As a matter of fact hundreds of little ones are being unconsciously made the subjects of experimentation with diseased milk, and thousands upon thousands of all ages are experimenting upon themselves with deadly sewer gases and the use of polluted waters ; that many other similar popular experiments are being daily made. The public are the experimenters. Their experiments unfortunately too frequently, result in disease. These are some of the cases in which you practice your profession both as an ART and SCIENCE : as an art in endeavoring to overcome the injurious tendencies of disease—as a science, in closely observing and recording the symptoms, and in the endeavor to find out the cause of the disease and of its symptoms.

You are all aware of the immense strides made in Medicine of late years through the instrumentality of the microscope, and of experimental physiology, pathology and therapeutics. This may be a more attractive field for some of you, and although it may require a little more outlay in the purchase of instruments, still if at all within your means, I would strongly urge you to provide yourself with suitable apparatus and undertake with it some special scientific work. The advantages you have had in the physical sciences as applied to medicine in the various laboratories are such as can be had in only two or three other schools of medicine on this continent, and should fit you for scientific work. Nor need you be at all discouraged upon discovering that a great many good and kind hearted people, who when ill are quite willing to take advantage of the results of scientific research, and at other times look upon it as nothing more than a hobby, or refined intellectual pursuit. I am quite certain that in after years you will never regret the time and money thus spent. Science in any of its branches is always attractive. It is particularly so when it is found to be applicable to the study of the animal organism, and that life