

**CURRENT PROBLEMS OF MODERN SCIENCE**

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Modern science, physics in particular, has moved beyond learning for the sake of information and has become dependent on politics and, most importantly, economics. Science has transformed into a huge machine created by Euclid and Hippocrates, strengthened by Newton, improved by Einstein, and controlled by modern scientists. But like any forward-moving "force" it requires work. And work requires fuel. Previously, this fuel was the personal interest and persistence of scientists to learn something new and unravel the secrets of nature, but now the innocent curiosity the scientists were driven by is getting more and more blurred with money. Moreover, the selectivity of enterprises in data puts obstacles in the path of small studies because of conflicts of interest and hence lack of funding.

Science, like almost any human activity, requires the investment of some material resources. In our country, for instance, there has been a transition from science depending on state funding to the private one. Therefore nowadays many scientists cannot afford to engage in serious research. Most of the research laboratories are highly dependent on grants that determine not only the timing of the study, but also the subject of the research itself, which constrains scientists in their chosen field of study. This financial issue has risen due to the dramatically increased complexity of problems science encounters, and to make a discovery in the 21st century the best minds of mankind need expensive equipment and a huge number of specialists.

There is a notable tendency of works from well-known laboratories to be much less subject to criticism compared to non-famous establishments. These and many other problems might arise if you choose the path of a scientist, but these are only material difficulties that can be easily surmounted by one's inquiring spirit.