

Alan Lang

Physics

## How should Humanity Steer the Future?

(From a scientific standpoint)

The free, unhampered exchange of ideas and scientific conclusions is necessary for the sound development of science, as it is in all spheres of cultural life. As times change so do people, from the development of the theory of relativity to the string theory model physics has changed the world extravagantly. Once we thought light was a particle which is a very probable argument yet it doesn't explain all the behavior of light. The question is how could Physics steer the new era of creativity and technology.

Physics is capable of explaining the simplest things to the most complicated. Physics has sent people to the moon, and Physics has helped locate planes at the bottom of the ocean. I believe with the technologies we have now and our knowledge of physics the future is extremely bright.

I think by calculating the gravitational pull and the mass of a vehicle and its mechanical makeup and its engine construction; we could create an aero dynamic vehicle at a less expensive rate. This could be ground breaking for the field of transportation and chemistry. The possibilities are endless.

There are numerous things in the world that we quite frankly don't understand. Such as: love, dark matter, what will the end of time be like, what do black holes contain etc. These are all questions that scientists have pondered for thousands of years and we still haven't found the answers. Yet, we keep getting closer and closer as time goes on.

The possibilities are endless, although we still can't predict what will happen in the future through mathematics and physics we can predict what may have happened in the past. Such as: the extinction of the dinosaurs. By using Physics we could calculate the velocity at which the meteor hit the Earth's surface causing a chain reaction that eventually killed off the dinosaurs. This is amazing! We can calculate what happened approximately 64 million years ago.

Considering the capabilities of our technology nowadays we can do anything. The possibilities are endless. With correct calculations and engineering capabilities we could land a man on Mars. Now this is probably very far in the future yet it is a possibility.

Something keeps the whole world in balance that science cannot explain. It must be a supernatural being. There must be a God. We only know a small portion of our world and universe that God created, it is perfect.

A man once said, “The function of education is to teach one to think intensively and to think critically. Intelligence plus character - that is the goal of true education.” This is held to be true, without an education it’s hard to do many things in life. Education is what leads us to understand the universe and its inhabitants. If we start young a new generation of children who learned to think outside the box, see the bigger picture, don’t just look actually learn. This is the key to our future. The children are our future from a educational stand point.