to the other side you would just fall off. We laught at it but it is only logical. If by fall you mean go down. So it's only logical. But one day Sir Isaac Newton saw an apple drop from a tree, and Newton had seen many apples fall before. Thousands of people had seen that. It was nothing to Newton, except that he already had title brea(????) and Kepler's figures of their observations of the heavenly bodies. He knew how the planets moved, and he knew the peculiar way in which they moved. He had thousands of figures on them which these great astronomers had worked out, and had tried to find some reason to them, some understanding of why they should work in the way they did. Then Newton on the basis of that when he saw the apple fall was reminded of this very common thing in life, something falls and he puts the two together and he says, Things don't only fall because they fall down but because there is an attraction between bodies and on the basis of the figures he had he worked out a formula for it. I understand Einstein has refined it today to the point where some say Newton is out of date, but for anything on this earth, Newton's figures and Newton's theories are still entirely workable. It is only when you get into the great reaches of space that you need further refinement. But he made a change in our whole thinking and attitudes. Today none of us would think of such a thing that you fall down; we all realize that we are attracted by another body and you fall toward it.

When I was in S. America it was the queerest thing for me down there to get used to the fact that when I would see the sun come up, and the sun would come up over to the east here and then instead of the sun going that way it would go that way. It just seemed wrong. All my life I'd seen it go from the east, to the south and around. Down there I saw it from the east, and north, and around. At first I tried to figure how could it be that I look at it and it goes this way from here and I look at it from there and it goes there. I came to the realization that it is because I am standing on a different angle. Not that I am further apart, but at a different angle as I stand inrelation to the earth.