

# Lisa Randall

## Quotes

*Thinking, Way, People, Answers, Dark, Math, Looks, Spiritual, Nice, Might,  
Choices, Ideas, Matter, Smart, Secret, Progress, School, Religious, Believe,  
Magic*

Creativity is essential to particle physics, cosmology, and to mathematics, and to other fields of science, just as it is to its more widely acknowledged beneficiaries - the arts and humanities.

~Lisa Randall

It's hubris to think that the way we see things is everything there is.

~Lisa Randall

Basically, I wasn't properly socialized, so it made sense to do physics.

~Lisa Randall

When it comes to the world around us, is there any choice but to explore?

~Lisa Randall

One of the nice things about math and science is it's obvious, you get the answer or you don't get the answer.

~Lisa Randall

Speculation and the exploration of ideas beyond what we know with certainty are what lead to progress.

~Lisa Randall

Sometimes models are surprisingly smart.

~Lisa Randall

Travel at faster than the speed of light certainly can have dramatic implications that are difficult to understand, such as time travel.

~Lisa Randall

I did not set out to explain the extinction of the dinosaurs. I'm a particle physicist, and I was actually thinking about dark matter along with some collaborators.

~Lisa Randall

Science is a combination of theory and experiment and the two together are how you make progress.

~Lisa Randall

All the normal matter in the Milky Way disc is denser than the dark matter that surrounds it.

~Lisa Randall

There is real confusion about what it means to be right and wrong - the difference between what spiritual beliefs are and what science is.

~Lisa Randall

Maybe dark matter is denser than we usually assume, kind of like the Milky Way plane.

~Lisa Randall

Probably if you look like Tyra Banks, it probably is hard, even if you are really smart, for people to take - it surprises some.

~Lisa Randall

When I was in school I liked math because all the problems had answers. Everything else seemed very subjective.

~Lisa Randall

Physicists have yet to understand why the Higgs boson's mass is what it is.

~Lisa Randall

Although I was first drawn to math and science by the certainty they promised, today I find the unanswered questions and the unexpected connections at least as attractive.

~Lisa Randall

Our hypotheses are initially rooted in theoretical consistency and

elegance, but...ultimately it is experiment not rigid belief that determines what is correct.

~Lisa Randall

We certainly don't yet know all the answers. But the universe is about to be pried open.

~Lisa Randall

You might find it hard to imagine gravity as a weak force, but consider that a small magnet can hold up a paper clip, even though the entire earth is pulling down on it.

~Lisa Randall

Secrets of the cosmos will begin to unravel. I, for one, can't wait.

~Lisa Randall

I'm not creating the universe. I'm creating a model of the universe, which may or may not be true.

~Lisa Randall

I considered going into business or becoming a lawyer - not for the money, but for the thrill of problem-solving.

~Lisa Randall

Both religions and musicals work best with energetic and committed believers. Cynicism or detachment would have destroyed the magic - something true of religion, too.

~Lisa Randall

You can be only a modest distance away from the gravity brane, and gravity will be incredibly weak.

~Lisa Randall

I had this illusion that if I kind of dressed badly that I wouldn't stand out.

You know, so I actually went out of my way to not look different to the extent I could.

~Lisa Randall

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