Abstract: Ninety-five percent of the universe is missing! We can only identify the composition of five percent of the total mass and energy in the universe. Twenty-five percent of the cosmic mass-energy is in a mysterious substance called dark matter, which holds together galaxies and other cosmic structures, while seventy percent is in an even more mysterious form called dark energy, which seems to act as a repulsive gravitational force driving the expansion of the universe. Unlocking the mysteries of dark matter and dark energy will illuminate the nature of space and time and connect the quantum with the cosmos.

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