

# Santa Fe Science Café For Young Thinkers

**“We’re Missing Most of the Universe!”**

**Tom Bowles**

**Science Advisor to Gov. Bill Richardson**

*Monday, October 20*

*6 – 7:30 PM*

*Georgia O’Keeffe Museum Education Annex*

*123 Grant Avenue, Santa Fe*

We usually think of the Universe as consisting of stars, planets, gas and dust clouds. But we know today that these objects actually make up less than five percent of the mass of the Universe! We have learned in the last ten years it’s mostly made up of two other things: dark matter and dark energy. They are called “dark” because they don’t emit light. However, we might also consider them dark because we don’t know what they are. We will discuss what we know and don’t know about what makes up the Universe, what scientists are doing to figure it out, and what the eventual fate of the Universe could be.

The Café is sponsored by the Santa Fe Alliance for Science, the Santa Fe Institute, the Santa Fe Public Schools, the Georgia O’Keeffe Museum and the New Mexico Public Education Department.

**Admission is Free.** Youth (ages 13-19) seating a priority. Light refreshments will be served.

Tom will also appear on The Santa Fe Radio Café with host Mary-Charlotte Domandi at 8:30 am on Monday, October 20, on KSFR 101.1 FM, streaming on the web live at <http://www.ksfr.org>.

Tom Bowles has been engaged in a range of international efforts in neutrino physics and particle astrophysics for more than 20 years. He has also been involved in a wider range of science issues, including science education, real-world applications of supercomputing, and how science and technology base can benefit New Mexicans across the entire state.

Please call 603-7468 if you’d like more information.