



# Look Up to the Stars

## Programs

### Astronomy for Everyone: Size & Scale of the Universe

- Consideration of the very small to the very large
- Visuals that provoke a sense of awe and wonder

### Roadmap to the Stars: the Night Sky Explained

- Pinpoint celestial objects and gain understanding of the celestial sphere and its coordinates
- Hands-on activities using star charts

### Gazing Upon a Cosmic Ocean

- A virtual tour of the solar system and beyond
- Parallels between the oceans of the world and deep space

### Movers in the Sky: Comets, Meteors & Asteroids

- Could comets be omens of disaster?
- The impending danger of meteors & asteroids

### Celestial Bodies Collide: Eclipses & Other Phenomena

- Causes of a solar and lunar eclipse
- Transits, conjunctions and occultations

### How to Build Your Own Incredible Telescope

- Telescope types, performance, accessories
- See the invisible: the rings of Saturn and other jewels in the night sky

### The Universe in X-rays: Findings of the Chandra X-ray Observatory

- The structure and evolution of the universe
- The distribution of matter since the Big Bang

...and for many other unique programs, please visit <http://www.lookuptothestars.com>



One of America's favorite astronomers and well-known speakers, Kevin Manning, travels extensively across the nation engaging people of all ages in unforgettable and fascinating explorations of our universe.

“ The program was fantastic and we had an all age’s crowd who loved it. ”

“ Thank you, again, for the awesome ‘Astronomy for Everyone’ presentation you did in October. It was very engaging, informative and entertaining. ”

“ You had something for everyone — all ages could enjoy it, from the fantastic array of photos to the detailed explanations of the heavens. ”

“ There has never been a presentation of this caliber in the many years I've worked at this library. The number attending broke an all-time record. ”

“ I’m thrilled that we had so many people of all ages attend. You were engaging, enthusiastic, obviously an expert at the information you were presenting but still able to convey it at a level appropriate for anyone, and funny. ”

“ I learned more from this program than I did while attending an entire semester course on astronomy at my local college. ”

Astronomer, author, and national speaker, Kevin Manning, a former consultant to NASA, delivers an array of intriguing and thought-provoking programs of exploration into our universe. Diverse audiences across America find a refreshing escape into galaxies beyond their own as Manning's Look Up to the Stars programs consistently ignite curiosity and inquiry. Custom programs for private engagements, dinner cruises, and resorts are also available.

