# Questions for the Gallery Walk

### For all YEARS:

1. What big questions faced scientists in this issue of Cosmic Times?
2. What advances were made due to new technologies?
3. Did scientists change their view of the Universe in this issue of Cosmic Times? How? Why?

### For each year:

1. 1919
   * Why was 1919 such a big year for Einstein?
   * How did our view of our galaxy change? Do Shapley’s observations differ from anything you currently know about our galaxy?
2. 1929
   * How did our view of our galaxy change?
   * Do any of the new findings contradict previous theories? Or do they confirm them? Which ones, and how are they contradicted or confirmed?
3. 1955
   * Why did the size of the Universe double?
   * How did the two leading theories of the origin of the Universe in this issue of *Cosmic Times* explain the expansion of the Universe?
4. 1965
   * How did our view of the Universe change?
   * How did the cosmic microwave background discovery help astronomers decide on a leading theory of the origin of the Universe?
5. 1993
   * Why were astronomers so excited about the results from COBE? What did it tell them about the early Universe?
   * If dark matter doesn’t emit light, how do astronomers know it is there? What types of objects appear to have dark matter?
6. 2006
   * How did our view of the Universe change?
   * How do we know about the presence of dark energy?