The Evolving Universe

- A collaboration between SAO and NMNH
- Jonathan McDowellScott Kenyon

with thanks to our NMNH colleagues

Sally Love Angela Roberts Mike Lawrence Shannon Willis October 2011: The Evolving Universe exhibit opens at



our sun The life of a star tar-the Sun is home LIFE CYCLE
OF OUR SUN



Concept:

Response to an NMNH proposal opportunity telecon with B Stauffer Apr 2009, proposal submit Jun 2009

Proposal approved early 2010?

First DC trip June 2010 – exhibit opened Oct 2011

Low budget: \$50K

Limited scope: photo exhibit

Goals - educational

- Bring the story of modern astrophysics to a broader public: the universe outside the solar system
- Feature images from different wavebands and explain the need for infrared and x-ray telescopes

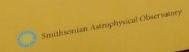
Goals – institutional

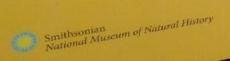
- Build links between SAO and NMNH and discover how to collaborate
- Showcase SAO telescope images on the National Mall
- Increase visibility of SAO on the Mall (from ~ zero...)

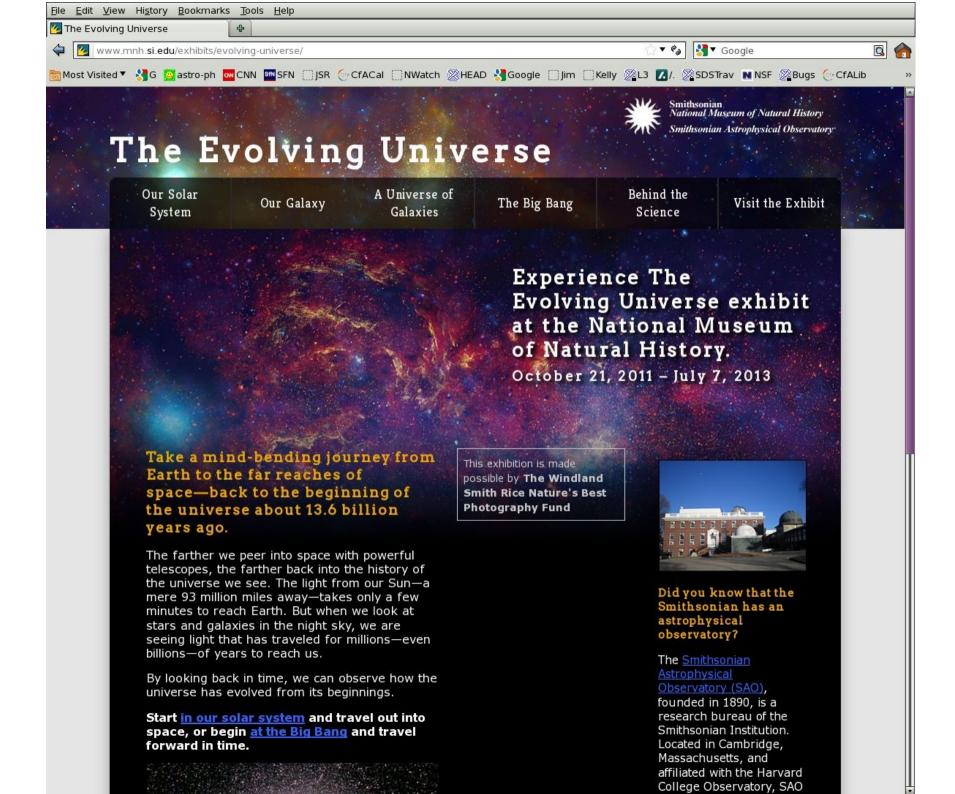
Did you know that the Smithsonian an astrophysical observatory?

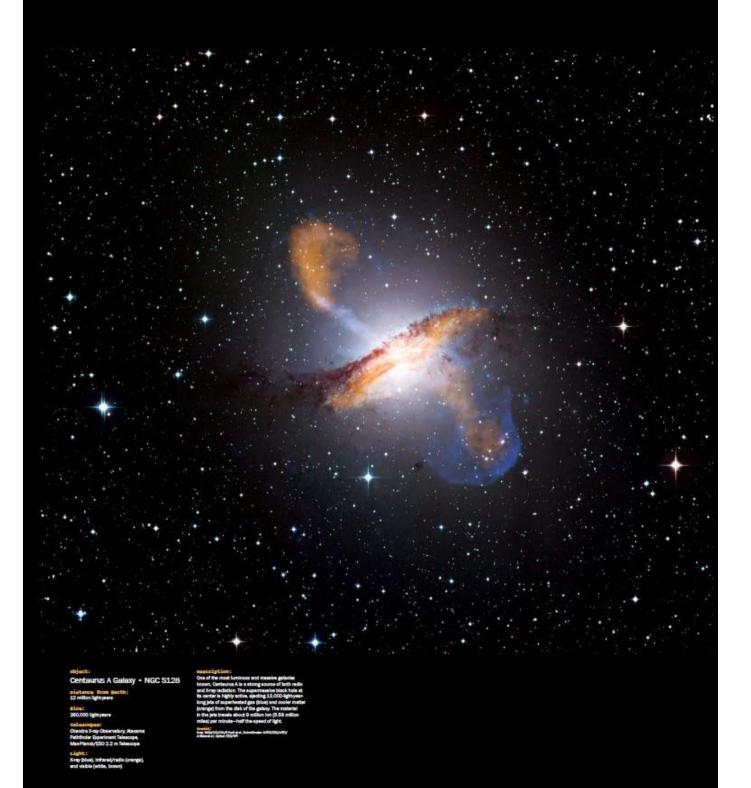
Smithsonian Astrophysical Observatory 1900), founded in 1890, is a research bureau of the Smithsonian Institution. Located in Cambridge, Massachusetts, and affiliated with the Harvard College Observatory, SAO is part of one of the largest and most diverse astrophysical institutions in the world. The observatory and its more than 300 scientists conduct research in astronomy, astrophysics, and earth and space sciences.

Most of the images in this exhibition were taken by telescopes and cameras developed, built, and operated by the Smithsonian Astrophysical Observatory.















Our Galaxy: The Milky Way

Star Death





100





Our Galaxy: The Milk

A star is born



















