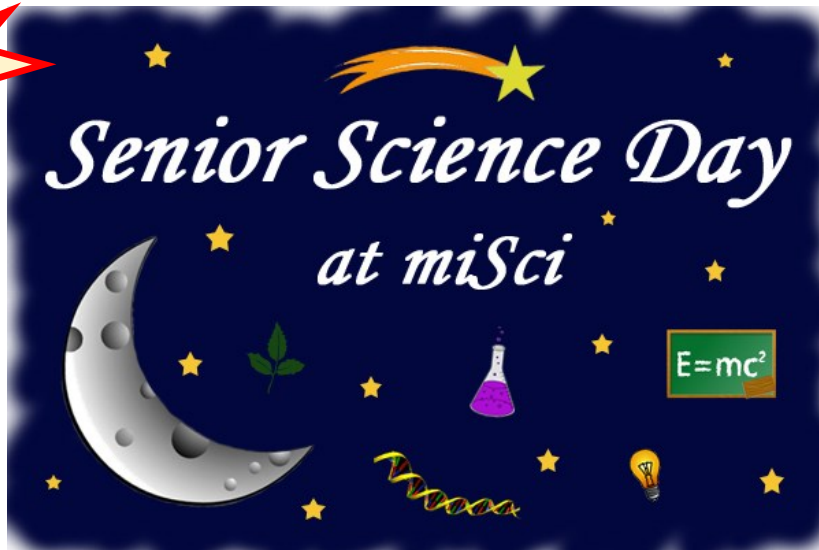


Great for
Adults



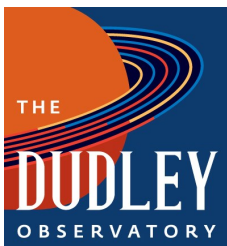
The Dudley Observatory at miSci is committed to lifelong learning and has created programming specifically designed for adults! These 45min Powerpoint lessons can be brought to libraries, senior living communities, churches and other adult-serving organizations. Presentations are given by Outreach Astronomer Dr. Valerie Rapson, and are designed for all skill levels. No prior astronomy knowledge is necessary.

Programs: See back of sheet for our current list of programs. Day and evening timeslots available. Other special topics may be available upon request.

Cost: \$125 for a 60 min presentation (45 min presentation plus time for questions). A small mileage fee will be charged for organizations outside Schenectady county.

A/V needs: A projector and screen are needed for the presentation. Dr. Rapson will bring a laptop and cable to connect to your system.

Reservations: Call 518-382-7890 x259 or email info@DudleyObservatory.org for more information or to book a lesson.



15 Nott Terrace Heights, Schenectady, NY, 12308
518-382-7890 ext. 259 | DudleyObservatory.org | misci.org



Individual Lessons

Exoplanets

Astronomers are discovering more planets outside our solar system on a daily basis. In this lesson we will explore how we search for exoplanets, what we've discovered, and the search for Earth-like planets.

We Love Pluto

In July of 2015, New Horizons became the first ever spacecraft to visit Pluto. In this lesson we discuss the mission, view the latest images of Pluto and its moon, and explore the scientific discoveries made by New Horizons.

The Great American Eclipse (available through August 21, 2017)

On August 21, 2017 everyone in the United States will experience a solar eclipse. What exactly is a solar eclipse? What will you see? How can you view it safely? All your questions about the eclipse answered!

What's "up" in Astronomy?

Astronomers are constantly learning new information about the world around us and the Universe we live in. In this lesson we discuss some of the biggest breakthroughs in the field of astronomy this year, and what new discoveries are just over the horizon.

Updates from the Mars Rover Curiosity

The Mars Science Laboratory, better known as Curiosity, landed on the red planet back in 2012. Since then, it has been driving around on the Martian surface taking pictures, studying soil and looking for life. In this lesson we will learn more about this mission, the discoveries that have been made, and plans for the next mission to Mars.

Multiple Lesson Series

NASA's Great Observatories (5 lesson series)

Over the last three decades, NASA has launched four Great Observatories to study the cosmos. In this series, we will introduce each telescope (Hubble, Compton, Spitzer, Chandra) and reveal some of their discoveries. The series will finish with a discussion about the next Great Observatory— the James Webb Space Telescope.

Einstein Explained (3 or 4 lesson series)

Einstein was an incredible scientist, and while many of us feel intimidated by his theories, they were really based on simple observations of everyday life. Join us as we walk through some of Einstein's thought experiments, explore how astronomers have tested his theories, and reveal some of the unique implications of relativity. Can you say time travel?

Our Solar System (4 lesson series)

Astronomers know a lot about the Universe, but we have much more knowledge to gain, even about our own solar system! In this series we will explore our sun, the planets, and the asteroid belt. We will also discuss current and future missions to visit solar system objects.

The Extreme Universe (6 lesson series)

Our Universe is crazy; no, really, it's insane! There are billions of space rocks flying around, galaxies crashing into each other, stars exploding and black holes gobbling up entire worlds! This series will reveal some of the most dangerous events in deep space, and explain how astronomers are monitoring all these collisions and explosions to protect our beloved Earth.

Life in the Universe (4 lesson series)

Astronomers have been contemplating the idea of alien life for centuries. In this series, we will discuss the many theories about how life began on Earth, our search for life in the solar system, how we plan to search for life in other planetary systems, and our attempts to contact intelligent life within our galaxy.