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# Astronomy & Cosmology Display

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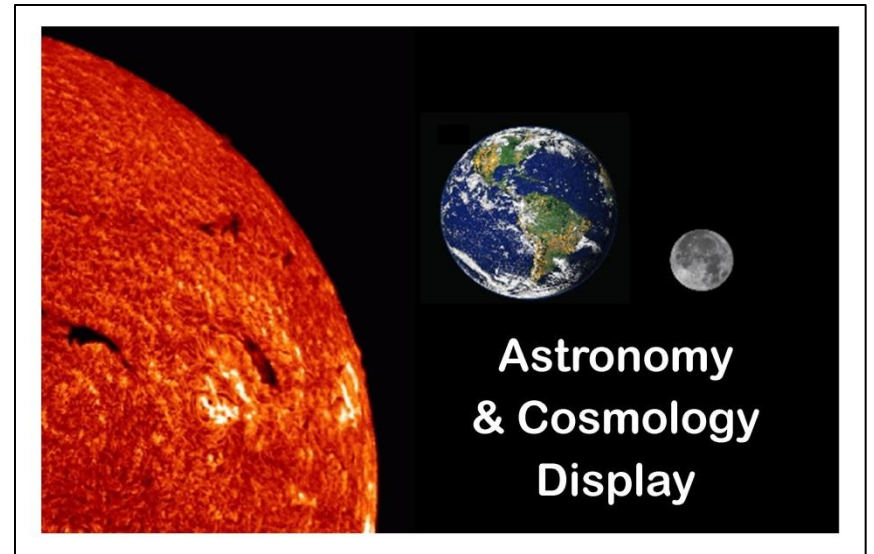
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June 2017

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**Photograph taken by Micki Reid,  
Cooper Library Public Information Coordinator**

# Display Description

In celebration of the upcoming solstice – the time at which our planet’s rotational axis is most inclined toward the sun – Cooper’s June display is focused on astronomy and cosmology.

There are films, juvenile materials, works of fiction and works of nonfiction on display, and an effort has been made to provide a mix of scientific titles as well as titles written for the general reader.

The display will be up throughout the month of June.

- Posted on Clemson University Libraries’ Blog, June 1<sup>st</sup> 2017

# Films on Display

- *2001: A Space Odyssey*. Dir. Stanley Kubrick. Perf. Keir Dullea, Gary Lockwood, William Sylvester. Warner Home Video, 2001. DVD. PR6005.L36T9215 2001.
- *Battlestar Galactica, Season 1*. Perf. Edward James Olmos, Mary McDonnell, Katee Sackhoff. Universal Studios, 2005. DVD. PN1992.77.B38 2005.
- *Dark Star*. Dir. John Carpenter. Perf. Brian Narelle, Cal Kuniholm, Dre Pahich. VCI Entertainment, 2003. DVD. PN1997.D313 2003.
- *Gravity*. Dir. Alfonso Cuarón. Perf. Sandra Bullock, George Clooney, Ed Harris. Warner Home Video, 2014. DVD. PN1997.2.G738 2014.
- *Interstellar*. Dir. Christopher Nolan. Perf. Matthew McConaughey, Anne Hathaway, Jessica Chastain. Paramount, 2015. DVD. PN1997.2.I582 2015.
- *The Last Man on the Moon*. Dir. Mark Craig. Perf. Eugene Cernan, Alan Bean, Dick Gordon. FilmRise, 2016. DVD. TL789.8.U6L37 2016.
- *The Martian*. Dir. Ridley Scott. Perf. Matt Damon, Jessica Chastain, Kristen Wiig. 20<sup>th</sup> Century Fox Home Entertainment, 2015. DVD. PS3623.E446M3722 2015.
- *The Pluto Files*. Dir. Terri Randall. Perf. Neil deGrasse Tyson. PBS Distribution, 2010. DVD. QB701.P58 2010.
- *Red Dwarf I*. Perf. Chris Barrie, Craig Charles, Danny John-Jules. BBC Video, 2003. DVD. PN1992.77.R43 2003.
- *Red Planet: Scientific and Cultural Encounters with Mars*. Philadelphia: University of Pennsylvania, 2001. DVD-ROM. QB641.R43 2001.
- *Silent Running*. Dir. Douglas Trumbull. Perf. Bruce Dern, Cliff Potts, Ron Rifkin. Universal Studios, 2002. DVD. PN1997.S5124 2002.
- *Solaris*. Dir. Steven Soderbergh. Perf. George Clooney, Natascha McElhone, Jeremy Davies. 20<sup>th</sup> Century Fox Home Entertainment, 2003. DVD. PG7158.L39S62 2003.
- *The Space Shuttle*. Modern Marvels. Perf. Jack Perkins. A & E Home Video, 2008. DVD. TL795.5.S58 2008.

# Juvenile Books on Display

- Aldrin, Buzz. *Look to the Stars*. Illus. Wendell Minor. New York: G.P. Putnam's Sons, 2009. Print. TL793.A435 2009.
- Arnett, Mindee. *Avalon*. New York: Balzer + Bray, 2014. Print. PZ7.A7343Av 2014.
- Burleigh, Robert. *One Giant Leap*. Illus. Mike Wimmer. New York: Philomel, 2009. Print. TL789.8.U6A52423 2009.
- Carson, Mary Kay. *Beyond the Solar System: Exploring Galaxies, Black Holes, Alien Planets, and More: A History with 21 Activities*. Chicago: Chicago Review, 2013. Print. QB15.C37 2013.
- Cottrell Boyce, Frank. *Cosmic*. New York: Walden Pond, 2010. Print. PZ7.C82963Co 2010.
- Couper, Heather, et. al. *The Planets*. London: Dorling Kindersley, 2014. Print. QB601.C683 2014.
- Floca, Brian. *Moonshot: The Flight of Apollo 11*. New York: Atheneum, 2009. Print. TL789.8.U6F56 2009.
- Gibbs, Stuart. *Space Case: A Moon Base Alpha Novel*. New York: Simon & Schuster, 2014. Print. PZ7.G339236Sk 2014.

# Juvenile Books on Display

- Jemison, Mae, and Dana Meachen Rau. *Exploring our Sun*. New York: Children's, 2013. Print. QB521.5.J46 2013.
- Karas, G. Brian. *On Earth*. New York: G.P. Putnam's Sons, 2005. Print. QB631.4.K37 2005.
- Morgan, Ben, ed. *Space!* New York: DK, 2015. Print. QB46.S6895 2015.
- Revis, Beth. *Across the Universe*. New York: Razorbill, 2011. Print. PZ7.R3284Ac 2011.
- Scott, Elain. *Space, Stars, and the Beginning of Time: What the Hubble Telescope Saw*. Boston: Clarion, 2011. Print. QB500.268.S364 2011.
- Sisson, Stephanie Roth. *Star Stuff: Carl Sagan and the Mysteries of the Cosmos*. New York: Roaring Brook, 2014. Print. QB36.S15S57 2014.
- Stone, Tanya Lee. *Almost Astronauts: 13 Women who Dared to Dream*. Somerville, MA: Candlewick, 2009. Print. TL789.85.A1S79 2008.
- Vogt, Gregory. *Pluto: A Dwarf Planet*. Minneapolis: Lerner, 2010. Print. QB701.V64 2010.

# Fiction on Display

- Beckett, Chris. *Dark Eden*. London: Corvus, 2012. Print. PR6052.E27D37 2012.
- Gannon, Charles E. *Fire with Fire*. Riverdale, NY: Baen, 2013. Print. PS3607.A556F57 2013.
- Kalfar, Jaroslav. *Spaceman of Bohemia*. New York: Little, Brown, and Co., 2017. Print. PS3611.A4327S63 2017.
- Robinson, Kim Stanley. *2312*. New York: Orbit, 2012. Print. PS3568.O2893A615 2012.
- ---. *Aurora*. New York: Orbit, 2015. Print. PS3568.O2893A95 2015.
- Weir, Andy. *The Martian: A Novel*. New York: Crown, 2014. Print. PS3623.E446M37 2014.



# Nonfiction on Display

- Aldrin, Buzz, and Ken Abraham. *Magnificent Desolation: The Long Journey Home from the Moon*. New York: Harmony, 2009. Print. TL789.85.A4A25 2009.
- Bartusiak, Marcia. *The Day we Found the Universe*. New York: Pantheon, 2009. Print. QB15.B37 2009.
- Cohen, Richard. *Chasing the Sun: The Epic Story of the Star that Gives us Life*. New York: Random House, 2010. Print. QB521.C625 2010.
- Coles, Peter. *Cosmology: A Very Short Introduction*. Oxford: Oxford University, 2001. Print. QB981.C6458 2001.
- Daniels, Patricia. *The New Solar System: Ice Worlds, Moons, and Planets Redefined*. Washington, D.C.: National Geographic Society, 2009. Print. QB501.D36 2009.
- Dickinson, Terence. *NightWatch: A Practical Guide to Viewing the Universe*. Illus. Adolf Schaller. Buffalo, NY: Firefly, 2006. Print. QB64.D535 2006.
- Gater, Will. *The Cosmic Keyhole: How Astronomy is Unlocking the Secrets of the Universe*. Dordrecht, NY: Springer, 2009. Print. QB982.G37 2009.
- Harrington, Philip S. *Star Watch: The Amateur Astronomer's Guide to Finding, Observing, and Learning about over 125 Celestial Objects*. Hoboken, NJ: John Wiley, 2003. Print. QB63.H319 2003.
- Holt, Nathalia. *Rise of the Rocket Girls: The Women who Propelled us, from Missiles to the Moon to Mars*. New York: Little, Brown, and Co., 2016. Print. TL862.J48H65 2016.
- Kaler, James B. *The Little Book of Stars*. New York: Copernicus, 2001. Print. QB801.K24 2001.
- Kasting, James F. *How to Find a Habitable Planet*. Princeton, NJ: Princeton University, 2010. Print. QB820.K37 2010.
- Kidger, Mark R. *Cosmological Enigmas: Pulsars, Quasars, & Other Deep-Space Questions*. Baltimore: Johns Hopkins University, 2007. Print. QB982.K53 2007.

# Nonfiction on Display

- Klerkx, Greg. *Lost in Space: The Fall of NASA and the Dream of a New Space Age*. New York: Pantheon, 2004. Print. TL521.312.K54 2004.
- Krige, John, Angelina Long Callahan, and Ashok Maharaj. *NASA in the World: Fifty Years of International Collaboration in Space*. New York: Palgrave Macmillan, 2013. Print. TL521.312.K75 2013.
- Merali, Zeeya. *A Big Bang in a Little Room: The Quest to Create New Universes*. New York: Basic, 2017. Print. QB981.M465 2017.
- Mullane, R. Mike. *Riding Rockets: The Outrageous Tales of a Space Shuttle Astronaut*. New York: Scribner, 2006. Print. TL789.85.M86A3 2006.
- Murdin, Paul. *Secrets of the Universe: How we Discovered the Cosmos*. Chicago: University of Chicago, 2009. Print. QB982.M87 2009.
- Roach, Mary. *Packing for Mars: The Curious Science of Life in the Void*. New York: W.W. Norton, 2010. Print. QH327.R63 2010.
- Sobel, Dava. *The Planets*. New York: Viking, 2005. Print. QB601.S63 2005.
- Tyson, Neil deGrasse. *Astrophysics for People in a Hurry*. New York: W.W. Norton & Co., 2017. Print. QB461.T97 2017.
- ---. *Space Chronicles: Facing the Ultimate Frontier*. Edited by Avis Lang. New York: W.W. Norton & Co., 2012. Print. TL789.8.U5T97 2012.
- Tyson, Neil deGrasse, and Donald Goldsmith. *Origins: Fourteen Billion Years of Cosmic Evolution*. New York: W.W. Norton & Co., 2004. Print. QB981.T96 2004.
- Weintraub, David A. *Is Pluto a Planet?: A Historical Journey through the Solar System*. Princeton, NJ: Princeton University, 2007. Print. QB602.9.W456 2007.
- Westwood, Lisa, Beth Laura O'Leary, and Milford Wayne Donaldson. *The Final Mission: Preserving NASA's Apollo Sites*. Gainesville, FL: University of Florida, 2017. Print. TL4027.W47 2017.