

Women of the Stars

Dr. Bill Thierfelder

Session 1 From Ancient Times to Caroline Herschel

Suggested reading: *Discoverers of the Universe* (Michael Hoskin)

- General Introduction
 - EnHeduanna (circa 2350 BCE) Sumerian poet and scientist
 - Aglaonike of Thessaly was a Greek astronomer of the 2nd or 1st century BCE.
 - Hypatia (born c. 350–370; died 415 AD) was a Hellenistic Neoplatonist philosopher, astronomer, and mathematician, who lived in Alexandria, Egypt.
 - Queen Seondeok of Korea (c. 595~610 – 647) reigned as Queen Regnant of Silla, one of the Three Kingdoms of Korea, from 632 to 647.
 - Caroline Lucretia Herschel (16 March 1750 – 9 January 1848) was a German astronomer.
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Session 2 The Women of Vassar and Harvard

Suggested reading: *The Glass Universe* (Dava Sobel)

- Maria Mitchell (August 1, 1818 – June 28, 1889) was a 19th-century astronomer and feminist.
 - Williamina Fleming (May 15, 1857 – May 21, 1911) was a Scottish-American astronomer.
 - Annie Jump Cannon (December 11, 1863 – April 13, 1941) was an American astronomer.
 - Antonia Maury (March 21, 1866 – January 8, 1952) was an American astronomer.
 - Henrietta Swan Leavitt (July 4, 1868 – December 12, 1921)
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Session 3 From Stars to Saturn's Rings

Suggested readings: *What Stars Are Made Of* (Donovan Moore)
Vera Rubin: A Life (Jacqueline and Simon Mitton)
Rise of the Rocket Girls (Nathalia Holt)

- Cecilia Helena Payne-Gaposchkin (May 10, 1900 – December 7, 1979) was a British–American astronomer and astrophysicist.
- Nancy Roman (May 16, 1925–December 25, 2018) is an American astronomer.
- Vera Rubin (July 23, 1928 – December 25, 2016) was an American astronomer.
- Carolyn Shoemaker (born June 24, 1929) is an American.
- Dame Jocelyn Bell-Burnell (born 15 July 1943) is an astrophysicist from Northern Ireland.
- Carolyn Porco (born March 6, 1953) is an American planetary scientist.

Session 4 Recent Times

Suggested readings: *The Sky Is For Everyone* (anthology)
Hidden Figures (Margot Shetterly)
Making Contact (Sarah Scoles)

- Laura Danly (born July 7, 1958) is an American astronomer and academic.
- Jedidah C. Isler is an American astrophysicist, educator, and an active advocate for diversity in STEM.
- Beth Brown (July 15, 1969 – October 5, 2008) was a NASA astrophysicist.
- Jedidah Isler is an American astronomer and educator.
- Michelle Thaller (born November 28, 1969) is an American astronomer and research scientist.
- Jill Tarter (born January 16, 1944) is an American astronomer best known for her work on the search for extraterrestrial intelligence (SETI).
- Katherine Johnson (August 26, 1918 – February 24, 2020) was an American mathematician.
- Eleanor Margaret Burbidge, (12 August 1919 – 5 April 2020), was a British-American observational astronomer and astrophysicist.