

The History of Science Collections of the University of Oklahoma Libraries was established in 1949 with an initial gift from OU alumnus Everett Lee DeGolyer. Current holdings of nearly 100,000 volumes, representing every field and subject area of science, technology and medicine, include complete sets of first editions of major scientists such as Copernicus, Galileo, Newton and Darwin. Volumes range chronologically from Hrabanus Maurus, *Opus de universo* (1467), to current publications in the history of science.

History of Science Collections
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Vanity Fair

Caricatures

Look for the caricatures in the west-side hallway, between the water fountain and **Ptolemy's Tea-house**. The **Harlow Room** is located near the south end of this hallway.



Sketches at the New York



Guglielmo Marconi



Herbert Spencer



Oliver Joseph Lodge



Marie Curie
(1867-1934)

Pierre Curie
(1859-1906)

“Virus Farm”

1. The “Farm.”
2. Dr. Pardee inoculating a healthy Heifer.
3. Gathering the “Crop.”
4. Vaccinating Applicants at the “Farm.”

By T. Dart Walker, *Harper's Weekly*, date unknown.

[This print, which is not from *Vanity Fair*, is located across from the water fountain.]

(1874-1937)

“Wires without Wires”

Italian inventor who contributed to the development of wireless telegraphs. Won Nobel Prize in 1909. [Hallway]

By Spy (Leslie Ward), *Vanity Fair Supplement*, March 16, 1905

(1820-1903)

“Philosophy”

Spencer's *First Principles* (1862) and *Principles of Biology* (1864) articulated a system of philosophy founded upon evolutionary theory. [Hallway]

By CG, *Vanity Fair*, April 26, 1905

(1851-1940)

“Birmingham University”

Another key developer of patents in wireless telegraphy, Lodge was awarded the “syntonic” (tuning) patent in 1889. [Hallway]

By FRS, *Vanity Fair*, February 4, 1879

“Radium”

Discovered radium, polonium, explored medical applications of radioactive isotopes, awarded Nobel Prizes in Physics and Chemistry.

By IMP, *Vanity Fair*, February 20, 1904

Harlow Room

The Harlow Room of the History of Science Collections, located on the 5th floor of Bizzell Memorial Library, offers an attractive venue for colloquia, special events, and classes conducting exhibit-related activities or using rare books from the University of Oklahoma Libraries special collections.

James G. Harlow, Jr.

(1934-1996), served as president of Oklahoma Gas & Electric (OG&E) and chair of the board of trustees of the OU Foundation. A \$1 million James G. Harlow, Jr. Chair in Business Ethics and Community was established at OU in 1997. Jim and his wife, Jane, played a founding role in the establishment of the Bizzell Library Society for the support of OU Libraries. The more than 1,000 volumes of the James G. Harlow, Sr. Collection in the History of Science Collections include a 1513 edition of Boethius, *De philosophiae consolatioe*.

Ptolemy's Tea-House

Looking for a place to relax with a cup of tea or coffee and discuss your experience in the Exhibit Hall? Need to recharge your computer or mobile device? Want to share the results of your latest project with some friends, using a whiteboard or large screen, over a brown-bag lunch? Ptolemy's Tea-House offers a comfortable place for conversation and a variety of informal activities. It is open to the public on a walk-in basis.



Lyon Playfair

John Tyndall

Charles Darwin

Louis Pasteur

William Crookes

William Ramsay

(1818-1898)
"Chemistry"

(1820-1893)
"The Scientific Use of the Imagination"

(1809-1882)
"Natural Selection"

(1882-1895)
"Hydrophobia"

(1832-1919)
"Ubi Crookes ibi Lux"

(1852-1916)
"Chemistry"

After working with Justus Liebig in Giessen, Playfair served as a chemist to the Geological Society and the School of Mines. He became President of the Chemical Society in 1857 and later a professor at Edinburgh.

Lecturing at the Royal Institution of Great Britain where he was a professor of physics. Recognized for work on diamagnetism, thermal radiation and processes in the atmosphere.

After sailing around the world on H.M.S. Beagle from 1831-1836, Darwin wrote more than 15,000 letters, roughly 200 articles and book chapters, and published 22 volumes, including *Origin of the Species* (1859) and *Descent of Man* (1871). The OU Darwin collection includes a first edition of every published volume and five manuscript letters.

Developed vaccines for hydrophobia (rabies) and anthrax, and creation of the pasteurization process for safeguarding milk and wine. Discovered the chirality of tartaric acid (mirror image isomers). A founder of medical microbiology, known for his saying that "chance favors the prepared mind."

Worked on spectroscopy and invented the Crookes tube (vacuum tube). Discovered thallium in 1861.

By FRS, *Vanity Fair*, May 21, 1903

Received the Nobel Prize in Chemistry in 1904 for investigations of the noble gases.

By Spy (Leslie Ward), *Vanity Fair*, December 2, 1908

By Ape, *Vanity Fair*, February 20, 1875

By James Tissot, *Vanity Fair*,

By T., *Vanity Fair*, January 8,

More information on *Vanity Fair* prints is available from:
<http://www.antiquemapsandprints.com/spy.htm>