Request for Haverford College intern/January 18, 2017

Contact:

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Description of organization:

“The Birthplace of American Medicine”SM (National Historic Landmark) and one of the oldest professional organization in the country, The College of Physicians of Philadelphia was founded in 1787 “to advance the science of medicine and to thereby lessen human misery.” Today, over 1,500 Fellows (elected members) continue to convene at the College and work towards better serving the public. Throughout its 200 year history, the College has provided a place for both medical professionals and the general public to learn about medicine as both a science and as an art. This historic spirit continues in our current mission: advancing the cause of health, while upholding the ideals and heritage of medicine. The College collections exist within the Mütter Museum and the Historical Medical Library.

The Mütter Museum is one of the oldest medical museums in the country and houses one of the greatest collections of 18th and 19th century medical teaching specimens. The collection is comprised of approximately 25,000 objects including human remains (over 1,200 biological wet specimens, 1,400 human bones, lithics, dried preparations and corrosions); 12,000+ medical instruments and apparati, primarily dating between 1750 and the present; approximately 400 anatomical models in plaster, wax, paper- mâché and plastic; 1,700 historical medical illustrations in the form of lantern slides, photographs and prints; and memorabilia of outstanding physicians and scientists. Our collections provide a particular insight into human biology and the history of medicine and medical education. By placing medicine and science in a broader context, we encourage patrons to consider the cultural and social aspects of health and medicine.

Many of our collections reflect the interest and involvement of Philadelphia physicians in national and international affairs. In 1865, a messenger from the Surgeon General conveyed to the Museum a specimen connected with one of the nation’s most tragic events: a “piece of the thorax of J. Wilkes Booth, assassin of President Lincoln,” which had been removed during the autopsy conducted by Philadelphia surgeon Joseph Janvier Woodward. The Museum continues to receive medical
instruments and specimens donated by Fellows, other physicians, and their families. Recent acquisitions include a 1949 Emerson iron lung, 670 brain specimens encased in acrylic, a large collection of 19th-century fracture splints, and a portion of Albert Einstein’s brain (on microscope slides).

Established in 1788, the Historical Medical Library was Philadelphia’s central medical library for over 150 years, serving its medical schools, hospitals, physicians and other health professionals. Today, it is an independent research library devoted to the history of medicine and serves hundreds of scholars, health professionals, students, and popular writers each year.

The College’s collection of early printed books includes more than four hundred incunables, or editions printed before 1501. Among our more than 12,000 other rare books are the majority of editions that laid the basis of modern biomedicine—including one of the world’s best copies of William Harvey’s *De motu cordis* [On the Motion of the Heart] (1628) which first described the circulation of the blood, and two copies of *De humani corporis fabrica* [On the Fabric of the Human Body] (1543) by Andreas Vesalius, which was responsible for the later development of both modern anatomy and modern medical illustration. Among the Library’s first acquisitions was the founding book of modern pathology, *De sedibus et causis morborum* [On the Seats and Causes of Disease] by Giambattista Morgagni, published in Venice in 1761; it was presented by the author to visiting Philadelphia physician John Morgan, who later donated it to the College.

In addition to its rare books and 19th- and 20th-century collections, the College Library is notable for its manuscripts and archives. Within this collection are the College’s own archives, the archives of other Philadelphia medical institutions, and letters, case books, and student notebooks that document the personal life and professional practice of doctors in the Philadelphia region and around the world.

**Proposed work for an intern:**

During the summers of 2010 through 2016, the College benefitted greatly from the work of Haverford students on topics including a photographic history of the College, creation of digital exhibits, and researching a Civil War exhibition (now on view, *Broken Bodies, Suffering Spirits: Injury, Death, and Healing in Civil War Philadelphia*). Last summer, the Haverford intern researched the new permanent exhibit to follow *Broken Bodies, Spit Spreads Death*, which addresses the 1918 influenza pandemic.

**Primary task:**

The College of Physicians/Mütter Museum owns an extensive collection of portraiture which represent a cross-section of art historical styles prevalent in America and especially Philadelphia from the 18th century to the present. The artists range in reputation from the internationally celebrated—such as Thomas Eakins and John Singer Sargent—to the most obscure or even unidentified. Most of the subjects are Philadelphia physicians, although there are also historical portraits of eminent ancient and Renaissance physicians and scientists. Over the years, art within the College collection has been loaned for exhibitions in the United States and Europe. Although over 160,000 visitors come to see the museum each year which has some of the portraits in the
galleries, currently, the museum does not have a portraits tour. The task is to research and write a script to support a tour of the portraits throughout the College building. The intern will work with the published 1984 catalogue of the portrait collection, subsequent research and conservation assessments, and the museum and Historical Medical Library collections to create a tour that would appeal to general audiences, health care professionals, and the art community.

Secondary task:

The Mütter Museum recently created the Mütter Institute, the research arm of the museum. The Mütter Institute establishes collaborations and partnerships with other historic, scientific or medical institutions with the goal of utilizing our collections to conduct research relevant to 21st-century human health. The Institute also provides professional consultation to other institutions and researchers who seek to create museums or exhibits with a medical historical dimension or maintain their collections of pathological anatomy. Some of the research conducted through the Institute has been of immense epidemiological value: a sampling of cholera tissue from a fluid-preserved specimen from 1849 yielded viable DNA that enabled construction of the cholera genome from that time. This marks the first time that such a specimen, in any collection anywhere, has yielded DNA, and this discovery proved of immense value in understanding how disease mutates over time. Only historical collections such as ours can produce such insights.

The Director of the Institute needs help researching potential grants and other funding opportunities to help finance some of the ongoing Mütter Institute Projects. The intern will help identify possible funding sources that might support our current projects include:

- Working with the Centers for Disease Control and the McMaster University Ancient DNA Centre, Canada, on identifying 19th-century pox virus material from Mütter Museum vaccination tools.
- Working with Arcadia University on creating a comprehensive DNA database of human shrunken heads.
- Working with a team of researchers on a global inventory and analysis of anthropodermic books (bound in human skin).

Skills and experience offered:

The internship affords a rare experience to work with primary materials within one of the most important special collections libraries in the country. Students would learn archival methods, exhibition practices, cataloguing, and electronic organization and management of records. Students with some skills in librarianship, archives, or information technology would be valuable for College work. Students would need to be meticulous, careful with rare and fragile materials, and be well organized. An ability to express oneself well in writing is important. The primary task requires the student to having a good esthetic eye with photographs, art, and other images, and experience with social media.

Challenges for undergraduate students:
This work requires maturity and self-discipline in attending to the meticulous requirements of working with old documents and objects: sensitivity to wear and tear, respect for the materials, and a sense of their value. The work may be semi-independent in that the student may be working out of sight of the librarian, curator, or other museum staff but will need to be inquisitive and not hesitant about asking questions.

**Rewards for interns:**

As noted above, this internship is a rare opportunity to work directly with primary materials in the history of medicine and learn the protocols for such work. The College draws much interest each year from prospective interns, although few are chosen. The College places priority on providing students with meaningful and necessary work. It is important to the College to work with “feeder” institutions of higher learning to create more understanding of the importance of historic collections in scholarship and public understanding. Finally, the student will be credited in any publications or exhibits that follow from the work.

**Conditions of work:**

Work takes place during normal weekday working hours (9am to 5pm), Monday-Friday. No evening or weekend work is anticipated. No travel is anticipated.

**Supervising the student:**

The Librarian or Curator (or her designee) will train and directly supervise the student for work conducted in the Historical Medical Library or Mütter Museum, as appropriate.