



Healthy Animals. Healthy People.

Saint Louis Zoo Institute for Conservation Medicine Preceptorships / Internships / Externships

The Saint Louis Zoo has been active in the field of conservation medicine for the past 20 years. However, in 2011 the Institute for Conservation Medicine was launched to further the zoo into a leadership position in this exciting trans-disciplinary approach to animal, human, and ecosystem health (<http://www.stlzoo.org/conservationmedicine/>). The Saint Louis Zoo Institute for Conservation Medicine takes a holistic approach to research on wildlife, public health, and sustainable ecosystems to ensure healthy animals and healthy people. Research in the Institute focuses on those diseases known to affect threatened wildlife, with an emphasis on health challenges at the wildlife, domestic animal, human interface. A preceptorship, internship, or externship with the Institute will provide students exposure to scientific research through database management, laboratory diagnostics, and field veterinary medicine.

Duties may include but not be limited to:

- Taking charge of a project that may or may not be a part of an on-going research program. Paper writing is encouraged.
- Participate in on-going research programs that currently include (i.e., database management, laboratory and field data collection, data analysis)
 - Study of health concerns at the camel-wildlife-human interface in Kenya
 - Box turtle ecology and health in two sites in Missouri
 - Galapagos tortoise ecology and health study in the Galapagos Islands
 - Lemur health in Madagascar
- Assist with creating PowerPoint presentations.
- Assist with inventory and upkeep of laboratory.
- Assist with database of biomaterials using Excel and Access software.
- Assist with laboratory diagnostics that may include hematology, chemistry profiles, light microscopy, and fecal parasite evaluations.

QUALIFICATIONS: Students must be in their 4th year (or highly qualified 3rd year) of an undergraduate program or in a graduate school in veterinary medicine, human medicine, or MS / MPH / PhD. Excellent communication and interpersonal skills are required. Students will be expected to prioritize and handle numerous tasks and to be able to work independently. General knowledge of computer programs such as Excel, Access, Word, and EndNote is required. Flexible work schedule Monday – Friday and preferably with Sat/Sun options if a project dictates.

TERM OF PRECEPTORSHIP OR INTERNSHIP OR EXTERNSHIP: Open

There is no stipend. Students applying for a preceptorship or internship with the ICM will be responsible for arranging to receive credit through their university/college. Externs do not get college credit hours. Housing and transportation are the responsibility of the student.

To apply for this Internship, please complete the attached application found here: <http://www.stlzoo.org/about/contact/internshipsexternships/> and include the following:

- **Letter of intent describing background, interest, goals and availability**
- **Current resume**
- **University/college transcript**
- **2 letters of reference (educational or business)**

Email to: Saint Louis Zoo
Katie Emerick, Director, Volunteer Services
volunteerservices@stlzoo.org
One Government Drive
St. Louis, MO 63110

Due dates for submission are November 1st for Spring semester; March 1st for Summer semester; and July 1st for Fall semester