

## Interning with Life Support Systems

The Life Support Systems (LSS) intern will work under the direct supervision of the LSS Supervisor at all times. This program will give the intern hands on experience working with a variety of life support systems including:

- *terrestrial water features*
- *large fish exhibits*
- *pinniped and polar bear exhibits*
- *fresh and salt water filtration and sterilization systems*
- *water chemistry*
- *assisting zookeepers when needed*



Interns will gain an understanding on how the following components assist in animal husbandry and zookeeping:

*Ozone generators and their use*

*PLCs*

*Filtration*

*Pumps*

*Mechanical systems used in the field (air compressors, oxygen concentrators, etc.)*

*Hydrodynamics*

*Valves and actuators*

*Water chemistry and analysis*

### Learning Opportunities with this team:

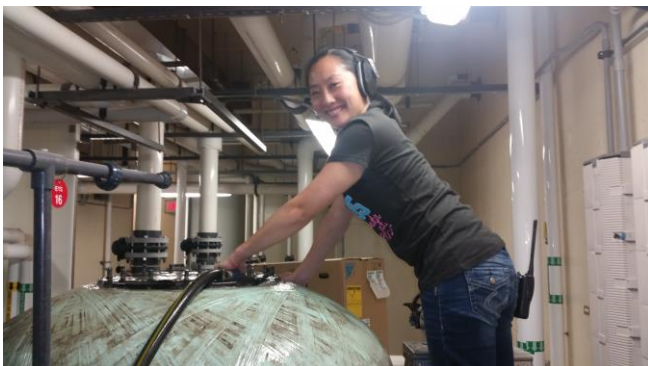
Life Support is a growing field across the zoological field. Curators and hiring managers are looking for candidates with Life Support experience. This internship is designed to give the applicant a general understanding of LSS and practical applications of various systems. The LSS internship will concentrate on the equipment used and day to day operations. Though LSS operators work closely with animal keepers, this position is for Life Support Systems. **This is NOT an animal internship.** There may be some opportunities during the internship to work with some animals, but this is not guaranteed.

This internship is ideal for Marine Biology (aquarist), Marine Mammal, Zoology, or Engineering students looking to go into the Life Support field.

### Preferred Shift times for Life Support interns:

Sunday through Thursday: 8am-3pm

Schedules for each intern will include weekend and holiday hours



For more information about this or any intern role, contact:

Como Park Volunteer & Intern Services Office  
[comovolunteers@ci.stpaul.mn.us](mailto:comovolunteers@ci.stpaul.mn.us)

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