



**YOSEMITE
LEADERSHIP
PROGRAM**



Yosemite Leadership Program: Summer Internship Descriptions 2023



POSITION: ARCHAEOLOGY STEWARD INTERN

The intern will assist the Cultural Resources Branch within the Division of Resource Management and Science by providing support to the archeology program. This program completes a diverse range of functions within Yosemite National Park, including research, archeological site documentation, assessment and management, project review and support, data management, and strategic planning.



What Will I Do?

- Participate in archeological field surveys to identify archeological sites
- Recording data and help to prepare and manage documentation records
- Participating in public outreach and education
- Assess archeological site condition
- Conduct scientific testing at archeological sites
- Use tools and equipment common to archeological work
- Process artifacts and specimens recovered during fieldwork and prepare them for curation
- Communicate information
- Working independently and as part of a team
- Work on projects that may include assisting with designing a community steward program utilizing volunteer support, standardizing cultural resources education for contractors and volunteer events, or drafting a compliance monitoring handbook

Qualities Supervisors Are Looking For

- Responsible and safe driver
- Demonstrated leadership skills and experience
- Strategic thinking ability
- The ability to self-start/work independently
- Flexibility/resourcefulness
- The ability to adapt new skills and ideas to the public sector
- Detail-oriented and organized
- Values public outreach and education
- Collaborative team player
- Innovative problem-solver
- Effective oral and written communication skills
- Enjoys working outdoors in variable weather and terrain

What Will I Learn?

Through this opportunity, the intern will develop skills and understanding, as well as have personal/professional development experiences in: leadership skill development, independent project design, time management, critical thinking, archeological survey and monitoring, and compliance with Section 106 of the National Historic Preservation Act



POSITION: ART and NATURE CENTER INTERN

The Happy Isles Art and Nature Center team engages Yosemite National Park visitors of all ages through the creation of art. This operation is run by Yosemite Conservancy, an official nonprofit partner to Yosemite National Park. The intern will serve as a representative of Yosemite Conservancy while supporting the Art Program's goal of teaching kids and families about Yosemite's ecology, geology, hydrology, and emphasis of stewardship through art. This is an excellent internship for people who have a strong interest in art, teaching, or non-profits. Most work will be completed outdoors.



What Will I Do?

- Learn and deliver standard art programs centered around park interpretive themes
- Create and present art classes for families with children ages 3 and up
- Teach 2 - 3 short classes per day
- Learn general park information to help guide park visitors.
- Work with the Art Center director and coordinator to design programs that convey park interpretive themes
- Develop and present their own final youth art projects and add to the Art Center's youth programming resources
- Make presentations in park, public gatherings, and professional meetings

Qualities Supervisors Are Looking For

- Responsible and safe driver
- Strong interpersonal communication skills
- Interest in or experience with public speaking and customer service skills
- Interest in or experience with child development and age-appropriate activities for ages 3 and up
- Interest in or experience with arts, crafts and design
- Interest in learning about Yosemite's natural and cultural history
- Teamwork/flexibility/resourcefulness in a demanding work environment
- Leadership skills and experience
- Strategic thinking ability
- The ability to self-start/work independently
- The ability to adapt new skills and ideas to the public sector

What Will I Learn?

Through this opportunity, the intern will develop skills and understanding, as well as have personal/professional development experiences in: professional level class facilitation; interpretive education techniques; curriculum development; time management; public speaking skills; customer service skills; positive communication while working within a small team; receiving and implementing feedback.



POSITION: ENGINEERING INTERN

The Design and Engineering group in Yosemite National Park has a Projects Folder that contains electronic project data which dates to the mid-nineties and includes 137,530 files in 13,413 folders with a storage space of 297GB. The Engineering intern will provide engineered solutions, construction management services, and asset management for the park's aging infrastructure.

What will I do?

- Index and categorize project files in Excel and AutoCAD
- Field verification of data
- Develop a Standard Operating Procedure (SOP) on databases
- Create a white paper for increasing efficiency of database using technology
- Work in collaboration with the Land Surveyor
- Field-work



Qualities supervisors are looking for:

- Demonstrated leadership skills and experience
- Strategic thinking ability
- The ability to self-start/work independently
- Flexibility/resourcefulness
- The ability to adapt new skills and ideas to the public sector
- Highly motivated
- Good writer and communicator
- Enjoys working in a highly collaborative team environment
- Love for the outdoors
- Construction experience a plus, but not required

What will I learn?

Through this opportunity, the intern will develop skills and understanding, as well as have personal/professional development experiences in: The intern will be involved in the project files which will expose them to many facets of civil and environmental engineering. They will learn to use GNSS RTK to field verify accuracy of historic drawings and documents. They will understand file management and searchability using software such as AutoCAD and Excel. They will be exposed to park staff and will gain experience in written and oral communication, critical thinking and problem solving, and time management.



POSITION: INDIAN CULTURAL DEMONSTRATOR INTERN

Indian Cultural demonstrators provide contemporary demonstrations of traditional skills and provide a narrative of the Native history of the Yosemite area. They also provide insight to issues important to contemporary Native America. The intern will impart knowledge, increase understanding, and inspire respect of traditional beliefs and lifestyles both past and present.

What will I do?

- Research and learn the use and construction of the Umacha (bark house)
- Providing photos and historical context
- Developing a list of materials that will be needed for the project
- Create and present informal pop-up programs designed to engage visitors
- Collaborate with social media team to create content about the Umacha project
- Provide general park information to help guide visitors



Qualities supervisors are looking for

- Basic knowledge of California history and specific interest in native culture
- Excellent communication skills
- Flexibility and resourcefulness
- Ability to physically gather and prepare materials
- Responsible and safe driver

What will I learn?

Interns will learn strategies for interpreting sensitive and controversial cultural topics. They will learn how to interpret an active and living culture. Interns will learn physical construction techniques including tool use and skills in gathering materials. They will gain skills in project management and developing and interpretive production. Interns will learn about the Indian Cultural Program, as well as Yosemite Interpretation.

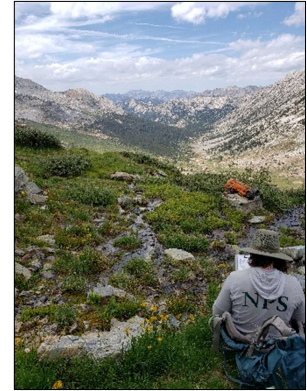


POSITION: HYDROLOGY INTERN

The intern will assist the Physical Sciences and Landscape Ecology Branch within the Division of Resource Management and Science and will be able to work with both NPS and USGS staff. The intern will assist with research that will increase Yosemite's understanding of the threat of toxic cyanobacteria to its natural resources, and create educational materials to protect the public's ability to enjoy outdoor recreation within the park.

What Will I Do?

- Participate in novel toxic cyanobacteria research within Yosemite
- Produce a webpage on the Yosemite Park website that contains information on toxic cyanobacteria
- Create signs and pamphlets for visitors that can be handed out at the Wilderness Center, Visitor Center, and posted at campgrounds, river access points, and trailheads
- Hiking and backpacking to remote work sites
- Collecting algal samples from streams and rivers
- Deploying passive cyanotoxin samplers
- Collecting grab samples for water chemistry analysis
- Communicating with other staff and stakeholders through email and in meetings
- Check in and collaborate with work site supervisor regularly
- Conducting background research on toxic cyanobacteria
- Developing educational materials for the public



Qualities Supervisors Are Looking For

- Responsible and safe driver
- Demonstrated leadership skills and experience
- Strategic thinking ability
- The ability to self-start/work independently
- Flexibility/resourcefulness
- The ability to adapt new skills and ideas to the public sector
- Highly motivated
- Excellent oral and written communication skills
- The ability to conduct independent research
- Enjoys hiking and backpacking
- Easy to get along with
- Comfortable around flowing water

What Will I Learn?

Through this opportunity, the intern will develop skills and understanding, as well as have personal/professional development experiences in: critical thinking, writing, oral communication, development of media, research, working in a team, and networking.



POSITION: MERCED RIVER ECOLOGICAL RESTORATION INTERN

The intern will work within the division of Resources Management and Science (RMS), in the branch of Vegetation and Ecological Restoration (VER). The intern will be an integral part of a large team working towards protecting, preserving, and restoring meadows, wetlands, and riverbanks.

What will I do?

- Photo point monitoring
- Ecological restoration
- Outreach activities related to the implementation of the Merced Wild and Scenic River Management Plan
- Social media posts, ArcGIS Story Maps, and other outreach materials
- Translate outreach to reach broader diverse audiences
- Develop and publish communication and outreach materials on the park website and social media accounts
- Assist the program Biological Science Technician with field work on ecological monitoring
- Help in restoration activities



Qualities supervisors are looking for:

- Highly motivated
- Very organized
- Takes initiative
- Excellent communicator
- Flexible/resourcefulness
- Attentive to detail
- Skills in computer programs
- Understands introductory ecology
- Willingness to learn
- Spanish-speaking

What will I learn?

Through this opportunity, the intern will develop skills and understanding, as well as have personal/professional development experiences in: Ecological restoration practices and principles, project management and organizational skills, support, and confidence in working independently and as a team research, technical writing, and science communication skills, data collection and management.



POSITION: RECRUITMENT AND RETENTION INTERN (DEIA FOCUS)

The Recruitment and Retention Intern will support recruitment of new jobs within Yosemite National Park, specifically new recruits in the DEIA category. The intern will support Yosemite's DEIA efforts and the increase of diversity within the National Park Service's workforce.

What will I do?

- Meet supervisors from supporting divisions to learn about the division's needs
- Network with HR Specialists
- Develop and implement a recruitment plan for identified position(s) alongside HR liaison/division supervisors
- Work on data analysis for recruitment plan, if applicable
- Conduct workshops



Qualities supervisors are looking for

- Demonstrated leadership skills and experience
- Strategic thinking ability
- The ability to self-start/work independently
- Flexibility/resourcefulness
- The ability to adapt new skills and ideas to the public sector

What will I learn?

Through this opportunity, the intern will develop skills and understanding, as well as have personal/professional development experiences in: Public speaking, training facilitation, problem-solving, creative communication, community outreach, and data analysis and presentation. A successful intern will have the chance to hone their time management and communication skills through work with multiple stakeholders and partners.



POSITION: TRAILS VOLUNTEER COORDINATOR ASSISTANT INTERN

The Yosemite Trail Crew's Volunteer Facilitation Team host VIP groups throughout the summer season, leading volunteers in basic, but vitally important, trail maintenance and construction tasks. The Trails Volunteer Coordinator Assistant will help establish trails-related and site-specific educational materials and offer presentations of said material to the Park VIP groups.



What will I do?

- Help coordinate and facilitate Volunteers-In-Parks (VIP) project
- Assist with the scheduling and preparation of each VIP project
- Research, prepare, and deliver site-specific interpretive presentations to VIP groups
- Help create VIP folder of interpretive and educational material
- Perform basic trail maintenance and construction
- Video editing and communicating with other staff and stakeholders

Qualities supervisors are looking for:

- Demonstrated leadership skills and experience
- Strategic thinking ability
- The ability to self-start/work independently
- Flexibility/resourcefulness
- The ability to adapt new skills and ideas to the public sector
- Interested in joining over 100 years of tradition
- Enjoys talking to members of the public
- Willing to give short presentations to small groups of volunteers
- Hard-worker in a variety of settings

What will I learn?

Through this opportunity, the intern will learn basic tasks of trail maintenance and how to host Park volunteer groups in the performance of said tasks. The intern will also learn to create and offer interpretive presentations to Park volunteer groups.



POSITION: VOLUNTEER PROGRAM SUMMER INTERN

The intern will be a member of a NPS team within the Volunteers-in-Parks branch, which includes a Community Volunteer Ambassador, an AmeriCorps intern, a Volunteer Coordinator Ranger, and the Volunteer Program Manager. This internship, which would directly connect volunteers to resources through interpretation, as well as training others in techniques for doing so, helps to ensure that volunteers feel the meaning and importance of their hard work at Yosemite.



What will I do?

- Receive training in interpretation
- Support volunteer work leaders with safety talks and introductions
- Deliver original interpretive content as part of work projects
- Research and create content
- Office and fieldwork
- Assist other work groups (Vegetation, Facilities, Trails) in understanding the importance of interpretation
- Lead at least one volunteer group independently with interpretive content included
- Create a written introductory training resource to help non-interpretive NPS staff

Qualities supervisors are looking for:

- Demonstrated leadership skills and experience
- The ability to adapt new skills and ideas to the public sector
- Comfortable with public speaking
- Curious about the natural world
- Excellent communicator
- Interested in working with a team in both an office and field setting
- Able to work with groups of all ages and backgrounds

What will I learn?

Through this opportunity, the intern will develop skills and understanding, as well as have personal/professional development experiences in: Professional-level interpretation techniques; safe and structured volunteer management; strategies for working with groups of all ages and backgrounds; operational leadership in field settings; peer training and learning styles; natural resource management; and facility management skills.



POSITION: YOSEMITE FIELD STATION OUTREACH INTERN

The University of California, Merced Yosemite Field Station (YFS) supports research, education, and public service that contributes to the understanding and wise stewardship of the Earth in partnership with the NPS. The outreach intern will make VFS work visible through media and event planning.

What will I do?

- Learn about the science, art, humanities, public service work done by the YFS
- Work with researchers and Native Plant Garden staff
- Produce social media content featuring stories of the work being done at YFS
- Produce content for monthly online newsletters
- Plan at least one in-person or virtual event



Qualities supervisors are looking for

- Skills to keep well organized
- Excellent communication skills
- Experience with managing a complex schedule
- Interest in science and/or art
- Experience with basic journalism
- Spanish language skills
- Responsible and safe driver

What will I learn?

This intern will develop skills and understanding, as well as have personal and professional development experiences in the following areas: media development, writing, storytelling, event planning, and approaches to accessibility and inclusivity. A successful intern will have the chance to hone their time management and communication skills through work with multiple stakeholders and partners.