DNR001
Position Title:
Public Information Specialist Intern
Position Location:
1101 Riverside Drive, Jefferson City, MO 65101
Division/Program:
Director’s Office – Communications
Position Description:
• Produce 60 second videos for each of Mo’s state parks and historic sites - in coordination with department videographer.
• Take photographs of Mo State Parks and Historic Sites; post on Flickr to update Parks website.
• Assist with developing and scheduling social media posts for MoDNR and MoStateParks (FaceBook, Twitter, Instagram, Pinterest).
• Assist with editing and writing content for the MoStateParks website redesign.
• Assist with writing articles promoting Missouri State Parks in the Missouri Resources magazine.
• Assist with editing and writing success stories about MoDNR initiatives.
• Assist with writing news releases announcing information meetings and special events for 91 state parks and historic sites.

Professional Experience to be Gained:
Writing, editing, videography, photography, social media and learn more about MoStateParks.

Skill Set Required of Candidate:
Communications, graphics or journalism major; Photoshop; video editing; camera; writer; editor.

Pay Rate:
$12.00/hour

Duration of Assignment:
Approximately May 20-August 10; 40 hours/week

DNR002
Position Title:
Public Information Specialist Intern
Position Location:
1101 Riverside Drive, Jefferson City, MO 65101
Division/Program:
Director’s Office – Communications
Position Description:
• Produce 60 second videos for each of Mo’s state parks and historic sites - in coordination with department videographer.
• Take photographs of Mo State Parks and Historic Sites; post on Flickr to update Parks website.
• Assist with developing and scheduling social media posts for MoDNR and MoStateParks (FaceBook, Twitter, Instagram, Pinterest).
• Assist with editing and writing content for the MoStateParks website redesign.
• Assist with writing articles promoting Missouri State Parks in the Missouri Resources magazine.
• Assist with editing and writing success stories about MoDNR initiatives.
• Assist with writing news releases announcing information meetings and special events for 91 state parks and historic sites.

**Professional Experience to be Gained:**
Writing, editing, videography, photography, social media and learn more about MoStateParks.

**Skill Set Required of Candidate:**
Communications, graphics or journalism major; Photoshop; video editing; camera; writer; editor.

**Pay Rate:**
$12.00/hour

**Duration of Assignment:**
Approximately May 20-August 10; 40 hours/week

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**DNR003**
**Position Title:**
Legal Intern

**Position Location:**
1101 Riverside Drive, Jefferson City, MO 65101

**Division/Program:**
Director’s Office – General Counsel

**Position Description:**
Assist Legal Counsel in analyzing legal issues facing the department and providing legal advice to staff. Will perform legal research and writing.

**Professional Experience to be Gained:**
Developing legal skills.

**Skill Set Required of Candidate:**
Top half of class; 1L or 2L at an accredited law school.

**Pay Rate:**
Unknown

**Duration of Assignment:**
June-August

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**DNR004**
**Position Title:**
Park Intern – Big Oak Tree State Park

**Position Location:**
13640 S. Hwy. 102, East Prairie, MO 63845

**Division/Program:**
Missouri State Parks, Big Oak Tree State Park

**Position Description:**
Assist in park operations, assist with or conduct interpretive programs, exotic species management, special events, park plant and animal surveys.

**Professional Experience to be Gained:**
All aspects of park operations, interpretation and resource management.

**Skill Set Required of Candidate:**
Recreation or biology major/coursework preferred. Ability to show up for work, follow instructions, valid driver’s license.

**Pay Rate:**
$8.67 minimum pay rate/hour

**Duration of Assignment:**
Summer 2019 (internship may be extended into the fall if needed)

DNR005 – DNR007
Position Title: Naturalist Intern – Crowder State Park
Position Location: 76 NW Hwy 128, Trenton, MO
Division/Program: Missouri State Parks, Crowder State Park
Position Description: Schedule, present and provide naturalist programs to the public on Saturdays during the summer and provide interpretive programs to groups as requested. Assist with special events.
Professional Experience to be Gained: Public speaking, research skills, customer service, event planning.
Skill Set Required of Candidate: Friendly, appreciation for and knowledge of nature, able to work with children, self-motivated.
Pay Rate: Unpaid, but housing is available.
Duration of Assignment: Approximately 7 weeks

DNR008
Position Title: Interpretive Intern – Deutschheim State Historic Site
Position Location: 109 W. 2nd Street, Hermann, MO
Division/Program: Missouri State Parks, Deutschheim State Historic Site
Position Description: Conducts guided tours of two historic houses, greets visitors and shares an overview of the historic site, works retail sales in gift shop, other duties as assigned.
Professional Experience to be Gained: Interpreting historic buildings and material culture of German immigrants to Missouri, and working with the public.
Skill Set Required of Candidate: History major, German language a plus, presentation skills and strong interpersonal skills.
Pay Rate: $10.00/hour
Duration of Assignment: Summer 2019

DNR009
Position Title: Collections Intern – First Missouri State Capitol State Historic Site
Position Location: 200 S. Main Street, St. Charles, MO 63301
Division/Program: Missouri State Parks, First Missouri State Capitol State Historic Site
**Position Description:**
Duties include collections inventory, object cataloging, artifact re-housing, object photography, provenance research, curatorial research, artifact preservation, and object marking.

**Professional Experience to be Gained:**
Intern will gain skills and experience relevant to pursuing a career in museum studies, history, or anthropology, including collections management, artifact handling and preventative care, object re-housing, curatorial research, and provenance research.

**Skill Set Required of Candidate:**
Successful applicant will have a positive attitude and should be able to work independently and efficiently with limited supervision. Background or interest in history, anthropology, or museum studies is preferred.

**Pay Rate:**
Unpaid

**Duration of Assignment:**
Summer – 2 months

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**DNR010**

**Position Title:**
Interpretive Intern – First Missouri State Capitol State Historic Site

**Position Location:**
200 S. Main Street, St. Charles, MO 63301

**Division/Program:**
Missouri State Parks, First Missouri State Capitol State Historic Site

**Position Description:**
Duties include special event planning, visitor services, marketing and community outreach, historic education and interpretation, and administrative tasks.

**Professional Experience to be Gained:**
Intern will gain experience in special event planning and implementation, working at a small historic site, and will develop communication skills useful in the workplace as well as with the public.

**Skill Set Required of Candidate:**
Successful applicant will have a positive attitude and should be able to work independently and efficiently with limited supervision. Background or interest in history or museum studies is preferred.

**Pay Rate:**
Unpaid

**Duration of Assignment:**
Summer – 3 months

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**DNR011**

**Position Title:**
Group Camp and Lodging Intern – Lake of the Ozarks State Park

**Position Location:**
403 Hwy 134, Kaiser, MO 65047

**Division/Program:**
Missouri State Parks, Lake of the Ozarks State Park

**Position Description:**
Lake of the Ozarks State Park group camp and lodging internship. Position will consist of basic maintenance and operations duties, assisting with scheduling groups, checking user groups into and out of camps, ensuring lodging units are prepared for guests prior to scheduled arrival, showing Pin Oak
Lodge to potential user groups, tracking group camp attendance data, and other administrative assistance related to the operation.

**Professional Experience to be Gained:**
Public speaking; administrative duties/skills; parks, recreation and tourism experience.

**Skill Set Required of Candidate:**
Well organized, strong written and verbal communication, and experience or interest in outdoor recreation. Must be able to work weekends and occasional evening shifts.

**Pay Rate:**
$250/pay period (twice monthly) stipend

**Duration of Assignment:**
April 15-October 15 or a portion of that timeframe, depending on the student’s schedule

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**DNR012**

**Position Title:**
Natural Resource Intern – Long Branch State Park

**Position Location:**
28617 Visitor Center Road, Macon, MO 63552

**Division/Program:**
Missouri State Parks, Long Branch State Park

**Position Description:**
The successful applicants will be taught to identify common vegetation species of Missouri, be able to read maps/aerial photos, operate backpack sprayers, use chainsaws/brush cutters safely, follow herbicide label directions, and keep accurate records. Crew members will be expected to walk through native grasslands and other habitats seeking/controlling *Sericea lespedeza* early in the season and then do brush/tree control later in the season. Crew members will be on rough/uneven terrain in hot, humid conditions.

**Professional Experience to be Gained:**
Experience in natural resource management and habitat restoration. Safe use of herbicide and tools associated with natural resource management such as saws, ATV, and sprayers.

**Skill Set Required of Candidate:**
Valid driver’s license required and must be at least 18 years old. Must pass criminal background check. Must have physical condition sufficient to work outdoors, on uneven terrain, and sometimes under strenuous conditions.

**Pay Rate:**
$8.67/hour

**Duration of Assignment:**
Late May through mid-August

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**DNR013**

**Position Title:**
Interpretive Services Intern – St. Louis Area Office

**Position Location:**
2650 Delmar Blvd., St. Louis, MO 63103

**Division/Program:**
Missouri State Parks, St. Louis Area Office

**Position Description:**

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Conduct interpretive programs working with other park/site interpreters; assist with outreach programming; lead outdoor activities such as biking, hiking, and possibly fishing; assist with office maintenance.

**Professional Experience to be Gained:**
Ability to research a topic and prepare speaking points to deliver educational programs.

**Skill Set Required of Candidate:**
Must possess a valid driver’s license. Be available to work weekends and evening hours. Interest/coursework in parks and recreation, biology, and/or education preferred.

**Pay Rate:**
$9.11-11.91/hour

**Duration of Assignment:**
May - July

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**DNR014**
**Position Title:**
Park Intern – Thousand Hills State Park

**Position Location:**
20431 State Hwy. 157, Kirksville, MO 63501

**Division/Program:**
Missouri State Parks, Thousand Hills State Park

**Position Description:**
Assist in park operations and campground management; assist with park operations, interpretation, exotic species management; basic park maintenance; special events.

**Professional Experience to be Gained:**
Knowledge of park/site administration, increased proficiency in public speaking, and knowledge of natural and cultural history of Thousand Hills State Park (and surrounding area).

**Skill Set Required of Candidate:**
Hard working, good communication skills, good computer skills. Interest in parks and recreation preferred.

**Pay Rate:**
$8.67/hour

**Duration of Assignment:**
Summer (May through August)

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**DNR015**
**Position Title:**
Park Intern – Trail of Tears State Park

**Position Location:**
429 Moccasin Springs Rd., Jackson, MO 63755

**Division/Program:**
Missouri State Parks, Trail of Tears State Park

**Position Description:**
Assist managers in park operations and campground management, assist naturalist with Visitor Center operations, interpretation, exotic species, prescribed fire, special events, etc.

**Professional Experience to be Gained:**
All aspects of park operations, interpretation and resource management.

**Skill Set Required of Candidate:**
Ability to show up for work on time, read a map, follow instructions, valid driver’s license. Interest/coursework in parks and recreation, biology, and/or education preferred.

**Pay Rate:**
Unpaid

**Duration of Assignment:**
Summer (May through August)

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**DNR016**

**Position Title:**
Interpretive Services Intern – Wallace State Park

**Position Location:**
10621 NE Hwy. 121, Cameron, MO 64429

**Division/Program:**
Missouri State Parks, Wallace State Park

**Position Description:**
Duties include daily, routine facility maintenance (cleaning, trail work, painting, assisting with various projects), leading visitors on a trail hike each Wednesday, presenting a Sunday 11 a.m. park program, assisting at the campground check station on Sunday afternoons, assisting with other park programs as needed. This position will also work with full-time staff on exotic species control (garlic mustard, multiflora rose, etc.), and is required to work at the park’s annual Kids Fishing Event and other special events as scheduled.

**Professional Experience to be Gained:**
Park operations/management, interpretation, improved communication skills.

**Skill Set Required of Candidate:**
Public speaking, knowledge of local flora/fauna, ability to work in all weather conditions. Candidate will be required to attend Interpreter Training Camp the week before Memorial Day Weekend. Must pass background check; have a valid driver’s license; be at least 18 years old; and be able to work evenings, weekends, and holidays.

**Pay Rate:**
$9.50/hour

**Duration of Assignment:**
Summer (mid-May through mid-August)

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**DNR017**

**Position Title:**
Interpretive Services Intern – Wallace State Park

**Position Location:**
10621 NE Hwy. 121, Cameron, MO 64429

**Division/Program:**
Missouri State Parks, Wallace State Park

**Position Description:**
Duties include daily, routine facility maintenance (cleaning, trail work, painting, assisting with various projects), presenting a park program on Friday night, presenting park programs on Saturday afternoons and Saturday night. Assist at campground check station on Friday and Saturday afternoons, and assist with Wednesday trail hikes. This position will also work with full-time staff on exotic species control (garlic mustard, multiflora rose, etc.), and is required to work at the park’s annual Kids Fishing Event and other special events as scheduled.

**Professional Experience to be Gained:**
Park operations/management, interpretation, improved communication skills.

**Skill Set Required of Candidate:**
Public speaking, knowledge of local flora/fauna, ability to work in all weather conditions. Candidate will be required to attend Interpreter Training Camp the week before Memorial Day Weekend. Must pass background check; have a valid driver’s license; be at least 18 years old; and be able to work evenings, weekends, and holidays.

**Pay Rate:**
$9.50/hour

**Duration of Assignment:**
Summer (mid-May through mid-August)

**DNR018**
**Position Title:**
Dam and Reservoir Safety Intern

**Position Location:**
111 Fairgrounds Rd., Rolla, MO

**Division/Program:**
Missouri Geological Survey, Dam and Reservoir Safety Program

**Position Description:**
Schedule, inspect and assess dams of Missouri with oversight from a registered professional engineer. General field surveying of dams and spillways. Field reconnaissance of newly located inventory dams. GIS work and map preparation to support the program goals.

**Professional Experience to be Gained:**
Perform dam inspections, exposure to applied principles of soil mechanics, hydraulics and hydrology related to dam construction and operation.

**Skill Set Required of Candidate:**
Basic surveying, some hydraulic, hydrology and soil/rock mechanics education is preferred. Undergraduate student in civil, mining, or geological engineering.

**Pay Rate:**
$19.80/hour

**Duration of Assignment:**
Summer (May 15 through August 15)

**DNR019**
**Position Title:**
Data Researcher Intern

**Position Location:**
111 Fairgrounds Rd., Rolla, MO

**Division/Program:**
Missouri Geological Survey, Geological Survey Program

**Position Description:**
Data entry and locational research related to Class V underground injection wells with secondary emphasis on Class II wells.

**Professional Experience to be Gained:**
Intern will develop an understanding of the underground injection well program and Class V wells.

**Skill Set Required of Candidate:**
Student with coursework in science or engineering with map reading abilities.

**Pay Rate:**
Unpaid. If grant funding becomes available, position will be paid.

**Duration of Assignment:**
Summer (6-8 weeks)

**DNR020**
**Position Title:**
Data Researcher and Core Logger Intern
**Position Location:**
111 Fairgrounds Rd., Rolla, MO
**Division/Program:**
Missouri Geological Survey, Geological Survey Program
**Position Description:**
Data entry in databases related to geologic mapping, scanning and archiving of historic maps and map data cross-referencing.
**Professional Experience to be Gained:**
Intern will develop an understanding of complex geologic databases.
**Skill Set Required of Candidate:**
Geology student with coursework in GIS techniques and basic geology classes.
**Pay Rate:**
Unpaid. If grant funding becomes available, position will be paid.
**Duration of Assignment:**
Summer (6-8 weeks)

**DNR021**
**Position Title:**
Data Researcher and Core Logger Intern
**Position Location:**
111 Fairgrounds Rd, Rolla, MO
**Division/Program:**
Missouri Geological Survey, Geological Survey Program
**Position Description:**
Data entry in core database with occasional preparation of descriptive logs of bedrock core; cross-referencing related geologic databases.
**Professional Experience to be Gained:**
Intern will develop an understanding of complex geologic databases and learn how to describe and log geologic core.
**Skill Set Required of Candidate:**
Geology student with coursework in mineralogy, petrology and sedimentology and the ability to differentiate major igneous and sedimentary rock types.
**Pay Rate:**
Unpaid. If grant funding becomes available, position will be paid.
**Duration of Assignment:**
Summer (6-8 weeks)

**DNR022**
**Position Title:**
Data Researcher and Archivist Intern
**Position Location:**
DNR023
Position Title: Data Input Intern
Position Location: 111 Fairgrounds Rd., Rolla, MO
Division/Program: Missouri Geological Survey, Geological Survey Program
Position Description: Scanning and uploading documents into GeoEDGE.
Professional Experience to be Gained: Intern will gain knowledge from hydrogeologic evaluations conducted in Missouri.
Skill Set Required of Candidate: Student with coursework in geology.
Pay Rate: Unpaid. If grant funding becomes available, position will be paid.
Duration of Assignment: Summer (6-8 weeks)

DNR024
Position Title: Industrial and Metallic Minerals Intern
Position Location: 1101 Riverside Dr., Jefferson City, MO
Division/Program: Missouri Geological Survey, Land Reclamation Program, Industrial and Metallic Minerals Mining Unit
Position Description: Assist with permitting and inspection of Industrial and Metallic Minerals Mine sites.
Professional Experience to be Gained: Understand all aspects of the permitting process and communicate that process to operators, politicians and the public. Review industrial mineral permits and make decisions to recommend changes that are necessary to complete an application. Scanning and retrieving of documents. Attend inspections of
active mine sites. Understanding of environmental laws and promulgated regulations. Digital mapping through ArcGIS is an important aspect of this position. Understand the importance of bonding documentation.

**Skill Set Required of Candidate:**
Must be physically able to carry 50 pounds for short distances and cover rough terrain on foot. Candidates who have knowledge of ArcGIS will be preferred but not entirely necessary. We are looking for someone who is interested in learning more about the mining industry.

**Pay Rate:**
$14.22/hour

**Duration of Assignment:**
June 1, 2019-August 1, 2019, but can be flexible

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**DNR025**
**Position Title:**
Geologist Intern

**Position Location:**
111 Fairgrounds Rd., Rolla, MO

**Division/Program:**
Missouri Geological Survey, Water Resources Center

**Position Description:**
Scan well information packets and create a digital library of information. Will also work in the lab to process, log, and store downhole cuttings from public water supply wells.

**Professional Experience to be Gained:**
The intern will learn the process required to produce groundwater for public water supply systems. This will include determination of casing amount, witness of well grouting, analysis of pump tests, and logging of well cuttings.

**Skill Set Required of Candidate:**
Geology student with basic geologic coursework including mineralogy, sedimentology, stratigraphy, and hydrology. Student must have the ability to learn to differentiate between major geologic formations.

**Pay Rate:**
Paid; rate undetermined.

**Duration of Assignment:**
May – August (limit of 1000 hours)

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**DNR026**
**Position Title:**
Planning Intern

**Position Location:**
1101 Riverside Dr., Jefferson City, Missouri

**Division/Program:**
Missouri Geological Survey, Water Resources Center

**Position Description:**
Assist the Integrated Planning Unit Chief in compiling and tabulating information from Public Drinking Water databases to determine connectivity of surface water systems; assist Unit Chief in completing water supply capacity estimations; assist Unit Chief in creating communication tools for current and future projects.

**Professional Experience to be Gained:**
Surface water hydrologic and reservoir yield analysis, GIS analyses, surface water supply reliability, and communicating with internal and external partners both in oral and written form.

**Skill Set Required of Candidate:**
Knowledge of hydrologic systems, GIS capable, Civil Engineering student with knowledge of HEC-ResSim.

**Pay Rate:**
$19.80/hour, *if funding remains available*

**Duration of Assignment:**
Summer (3 months)

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**DNR027**
**Position Title:** Hydrology Intern
**Position Location:** 1101 Riverside Dr., Jefferson City, Missouri
**Division/Program:** Missouri Geological Survey, Water Resources Center

**Position Description:**
Assist the Technical and Policy Unit Chief in estimating Missouri River Basin depletions; assist with hydrologic analyses on water supply reservoir yields; streambank mapping of tributaries to Mark Twain reservoir and Truman reservoir.

**Professional Experience to be Gained:**
Surface water hydrologic analysis, source water protection, GIS application, surface water supply reliability, communicating and collaborating with internal and external partners in oral and written form.

**Skill Set Required of Candidate:**
Knowledge of hydrologic systems, GIS capable, and strong mathematical skills.

**Pay Rate:**
$17.13/hour, *if funding remains available*

**Duration of Assignment:**
Summer (3 months)

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**DNR028**
**Position Title:** Accounting Intern
**Position Location:** 1101 Riverside Dr., Jefferson City, Missouri
**Division/Program:** Division of Administrative Support, Accounting Program

**Position Description:**
Assist with monitoring for internal controls, policy and procedure compliance, and accuracy of accounts payable/receivable coding; pull data sets and prepare for analysis of various special information requests and financial reports.

**Professional Experience to be Gained:**
Experience with accounting software, chart of accounts, reconciliations, monitoring of policies and procedure compliance. Ability to communicate in a professional manner via phone, email and in person. Experience with a variety of business software programs.

**Skill Set Required of Candidate:**
Be entering junior year of college in Business or Accounting major with basic accounting classes already completed. Minimum of 20 hours/week.
Pay Rate:
Unknown

Duration of Assignment:
Summer only (June through August) or Summer + Fall semester (June through December)

DNR029
Position Title:
General Services Intern
Position Location:
1101 Riverside Dr., Jefferson City, Missouri
Division/Program:
Division of Administrative Support, General Services Program
Position Description:
Assist with contracts, create templates for MissouriBuys, review language and other various duties related to procurement cards, MissouriBuys, solicitations, etc.
Professional Experience to be Gained:
Experience with accounting software, chart of accounts, monitoring of policies and procedure compliance. Ability to communicate in a professional manner via phone, email and in person. Experience with a variety of business software programs. Focused writing skills, and forms and template creation.
Skill Set Required of Candidate:
Be entering junior year of college in Business or Accounting major with basic accounting classes already completed. Minimum of 20 hours/week.
Pay Rate:
Unknown
Duration of Assignment:
Summer only (June through August) or Summer + Fall semester (June through December)

DNR030
Position Title:
Budget Intern
Position Location:
1101 Riverside Dr., Jefferson City, Missouri
Division/Program:
Division of Administrative Support, Budget Program
Position Description:
Assist with budget and allocation forms, gain experience with the legislative process, fiscal notes and governmental accounting processes.
Professional Experience to be Gained:
The skills acquired through this internship would be a working knowledge of Excel, Access and Word. Ability to communicate with others verbally and in writing. Understand LEAN concepts and techniques to improve processes.
Skill Set Required of Candidate:
Skills required would be Junior/Senior year candidate studying Accounting, Business Management, or even Political Science. Minimum of 20 hours/week.
Pay Rate:
Unknown
Duration of Assignment:
DNR031

Position Title:
Intern

Position Location:
1659 E. Elm, Jefferson City, Missouri

Division/Program:
Division of Environmental Quality/Air Pollution Control Program

Position Description:
• Aid technical analyses for air quality planning projects.
• Assist in development of planning documents.
• Research of state/city/county level regulations.
• Aid in review of emissions test reports & protocols. Some field work opportunities as well.

Professional Experience to be Gained:
• Working knowledge of the effects of air pollution.
• Technical understanding of air quality issues in MO.
• Interpersonal skills from working on a team.
• Experience with state and federal regulations.
• Technical aspects regarding the measurement of emissions from sources emitting regulated pollutants.

Skill Set Required of Candidate:
• Word
• Excel
• Access Database
• General organizational skills
• Engineering, science or IT studies

Pay Rate:
$14.46/hour

Duration of Assignment:
Summer (June through August)

DNR032

Position Title:
Chemist Intern

Position Location:
2710 W. Main St., Jefferson City, Missouri

Division/Program:
Division of Environmental Quality/Environmental Services Program

Position Description:
This position will provide assistance to chemists in the Chemical Analysis Section. Job duties and responsibilities include performing sample preparation, performing analytical testing, and result reporting. The largest project over the summer is the annual lead and copper testing required by the Environmental Protection Agency and Public Drinking Water Branch (PDWB), which requires testing 5,000-6,000 samples. This project includes shipping containers to hundreds of public drinking water systems throughout Missouri during a three month period (June, July, and August). Once these sample containers are returned to the lab, they must be processed prior to analysis. This includes verifying...
sample information, logging sample information into the Laboratory Information Management System (LIMS), preserving each sample, and performing a turbidity test on each sample. Each sample is then analyzed for lead and copper using Inductively Coupled Plasma Mass Spectrometry. Each analysis requires instrument calibration along with prescribed quality control procedures to ensure the validity of each result reported. The intern would be involved in all of the activities related to the lead and copper analysis.

Professional Experience to be Gained:
This position will develop and use skills both as an individual and while working as a team member. The goal for this position is to take existing skills and knowledge and provide training and experience beneficial to possible future career choices. The intern will learn to work independently as well as learning what it takes to work as a team member in a professional environment. The intern will develop skills that include how to take projects from start to finish, how particular parts of a project fit into the whole, how to communicate needs as well as relaying vital information to key staff. The intern will learn the basic operation of an environmental chemistry laboratory and some analytical methods and associated standard operating procedures. This includes using basic chemistry knowledge and techniques while mentoring or job shadowing with chemists, laboratory support technicians, and support staff.

Skill Set Required of Candidate:
Ideally the person should be enrolled in college and preferably one that is interested in majoring or working in the field of chemistry, environmental science or one of the similar sciences. Coursework in chemistry is preferred. The intern must be able to stand on their feet for several hours at a time, perceive color, lift coolers and boxes that may weigh up to 35 pounds, and operate a computer and analytical instrument software, including LIMS. The intern must understand that they will be working with and around chemicals that pose a certain safety risk which requires the use of personal protection equipment. The intern should be familiar with general laboratory safety. The intern will be required to view several videos covering ethics, safety, and security upon starting work. Must be able to provide own transportation to and from work. No additional transportation is necessary.

Pay Rate:
$14.92/hour

Duration of Assignment:
Summer (May through August), but may extend into the fall or return during school breaks.

DNR033
Position Title:
Laboratory Support Technician Intern

Position Location:
2710 W. Main St., Jefferson City, Missouri

Division/Program:
Division of Environmental Quality/Environmental Services Program

Position Description:
This position will provide assistance to chemists and laboratory support technicians in the Chemical Analysis Section. Job duties and responsibilities include shipping and receiving samples; storing and retrieving samples; maintaining chain of custody documents; performing sample preparation. The largest project over the summer is the annual lead and copper testing required by the Environmental Protection Agency and Public Drinking Water Branch (PDWB); which requires testing 5,000-6,000 samples. This project includes shipping containers to hundreds of public drinking water systems throughout Missouri during a three month period (June, July, and August). Sample containers must be labeled, packed in groups of 5-10 for mailing, scheduled for shipping, and tracked through the process.
Once these sample containers are returned to the lab they must be processed prior to analysis. This includes verifying sample information, logging sample information into the laboratory information management system (LIMS), preserving each sample, and performing a turbidity test on each sample. Other projects include Stage 2 DBP analysis for the PDWB, public beach testing for State Parks, and routine testing which increases during April through October. The intern would be involved in each of these projects.

**Professional Experience to be Gained:**
This position will develop and use skills both as an individual and while working as a team member. The goal for this position is to take existing skills and knowledge and provide training and experience beneficial to possible future career choices. The intern will learn to work independently as well as learn what it takes to work as a team member in a professional environment. The intern will develop skills that include how to take projects from start to finish, how particular parts of a project fit into the whole, and how to communicate needs as well as relaying vital information to key staff. The intern will learn the basic operation of an environmental chemistry laboratory and some analytical methods and associated standard operating procedures. This includes using basic chemistry knowledge and techniques while mentoring or job shadowing with chemists, technical assistants, and support staff.

**Skill Set Required of Candidate:**
Ideally the person should be interested in working in the field of chemistry, environmental science or one of the similar sciences. Candidates must possess a high school diploma or proof of high school equivalency. The intern must be able to stand on their feet for several hours at a time, perceive color, lift coolers and boxes that may weigh up to 35 pounds, and operate a computer and analytical instrument software, including LIMS. The intern must understand that this position will be working with and around chemicals that pose a certain safety risk which requires the use of personal protection equipment. The intern should be familiar with general laboratory safety. The intern will be required to view several videos covering ethics, safety, and security upon starting work. Must be able to provide own transportation to and from work. No additional transportation is necessary.

**Pay Rate:**
$11.90/hour

**Duration of Assignment:**
Summer (May through August), but may extend into the fall or return during school breaks.

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**DNR034**

**Position Title:**
Water Quality Monitoring Intern

**Position Location:**
2710 W. Main St., Jefferson City, Missouri

**Division/Program:**
Division of Environmental Quality/Environmental Services Program

**Position Description:**
- The primary assignment will be conducting water quality monitoring at wetlands across northern Missouri. This includes collecting water samples and taking field measurements for pH, conductivity, dissolved oxygen, temperature, and turbidity.
- As time allows, assisting staff with other water quality studies, performing flow measurements, setting out dataloggers, etc. associated with stream monitoring projects
- Assisting with analysis for E. coli and fecal coliform
- Assisting staff in the collection of fish tissue samples
- Conducting cleaning, maintenance and/or autoclaving of supplies and equipment

**Professional Experience to be Gained:**
Interns will work alongside professional scientists as they conduct a variety of water quality studies and investigations. They will learn the purpose of the studies and how the data is used by the Department. Interns will have the opportunity for hands on experience with a variety of field monitoring instruments, analytical equipment and laboratory practices.

**Skill Set Required of Candidate:**
The applicant must:

- Have a science related educational background and the desire to pursue a career in environmental science.
- Be in good physical condition for performing field work. This includes working in and around water, walking long distances while carrying equipment and working in extreme weather conditions.
- Be capable of independent field work in remote locations. (A training period will occur before being released to conduct the assigned study.)
- Have a current, valid motor vehicle driver’s license.
- Be available to work extended hours and/or travel overnight.
- Ability to initially cover meal expenses while in the field. Expenses will be reimbursed.
- Work location is based in Jefferson City, MO. Intern must live within a reasonable driving distance or be able to arrange for housing in the vicinity during the duration of the assignment.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
Summer (May through August), but may extend into the fall or return during school breaks.

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**DNR035**
**Position Title:** Engineering Intern
**Position Location:**
1730 E. Elm, Jefferson City, Missouri
**Division/Program:** Division of Environmental Quality/Hazardous Waste Program
**Position Description:**
Engineering review of permits to collect data to populate online electronic database(s). Conduct file reviews, scan key documents, review existing data to ensure it is correct, coordinate with project managers to write accurate status narratives, and upload scanned documents.

**Professional Experience to be Gained:**
Obtain basic understanding of a hazardous waste permit and the permitting process.

**Skill Set Required of Candidate:**
Engineering student with valid motor vehicle driver’s license.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
May through September

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**DNR036**
**Position Title:** Environmental Specialist Intern
**Position Location:**
Position Description:
Review HWP databases to ensure site data is complete and up-to-date. When necessary, conduct file reviews, scan key documents, review existing data to ensure it is correct, coordinate with project managers to write accurate status narratives for LTS sites, and upload scanned documents into ECM using eClient. Verify locational data, and update when necessary using GPS or map interpolation under the supervision of LTS staff.

Professional Experience to be Gained:
GIS, database management, understanding of environmental remediation process, organizational skills.

Skill Set Required of Candidate:
High level competency: computer skills, including database management, Microsoft Word, ArcGIS and GPS. Medium level competency: communication and research. Basic level competency: policy/procedure and workflow. Must have a valid motor vehicle driver’s license.

Pay Rate:
$14.46/hour

Duration of Assignment:
May through September

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DNR037
Position Title:
Redevelopment Research Intern

Position Location:
1730 E. Elm, Jefferson City, Missouri

Division/Program:
Division of Environmental Quality/Hazardous Waste Program

Position Description:
Research the current status of past Voluntary Cleanup Program, Brownfield Assessment and DERT sites that were closed under their applicable program. This information will be used to assess the economic impact of tax credits and assessment funding.

Professional Experience to be Gained:
Economic development and urban planning experience, environmental remediation understanding, research, communication skills, teamwork, analytical skills, computer experience, organizational skills, office equipment.

Skill Set Required of Candidate:
Communication, research, basic statistics, economics (macro, micro or basic theory), driver’s license, ability to work unsupervised, basic computer skills.

Pay Rate:
$14.46/hour

Duration of Assignment:
May through September

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DNR038
Position Title:
Environmental Engineer Intern

Position Location:
500 NE Colbern Rd., Lee’s Summit, Missouri
Division/Program:
Division of Environmental Quality/Kansas City Regional Office

Position Description:
Assisting experienced engineers in preparing for and conducting inspections for wastewater treatment facility components, other wastewater infrastructure, and public drinking water treatment facilities. Engineering review and field experience would be gained related to wastewater and drinking water treatment and operations, as well as experience with the Missouri Clean Water Law, the Missouri Safe Drinking Water Law and their implementing regulations. Duties may also include data management and handling or review of construction permit project files. The intern would shadow experienced inspectors and engineers in the field, during both water pollution compliance and engineering inspections, and public drinking water sanitary surveys. This internship is an engineering student position, and will be directly supervised by a professional engineer (P.E.)

Professional Experience to be Gained:
This intern can expect to gain experience and understanding in the area of environmental regulation in Missouri, specifically in the area of water pollution control. This position will have the opportunity to visit a wide variety of regulated facilities, and participate in the compliance inspection process. This intern will also be trained in the basics of engineering review and investigation, and will have opportunity to practice technical writing skills.

Skill Set Required of Candidate:
Applicant should be a graduate or undergraduate student with major in engineering: civil, environmental, industrial, chemical, biochemical, geologic, or biologic engineering preferred. Applicant should have the ability to use MS Office software. Walking, sitting, or standing for long periods of time may be necessary to conduct office or field work. Intern must be a licensed driver, and must be able to provide transportation to and from the office each workday, as well as be able to drive fleet vehicles to conduct field work.

Pay Rate:
$14.46/hour

Duration of Assignment:
Summer (12.5 weeks or 500 hours)

DNR039
Position Title:
Environmental Specialist Intern
Position Location:
500 NE Colbern Rd., Lee’s Summit, Missouri
Division/Program:
Division of Environmental Quality/Kansas City Regional Office
Position Description:
Performing surveys of tire collection centers for initial inspection and gathering information that will help solid waste staff plan for future inspections. This position will assist with solid waste and scrap tire investigations. Other assignments may include creation or improvement of documents for office use, and providing assistance with tracking and reports. Intern will also have opportunity to shadow experienced inspectors in the field and occasionally accompany inspectors that work in other environmental media.

Professional Experience to be Gained:
This intern can expect to gain experience and understanding in the area of environmental regulation in Missouri, specifically in the area of solid waste management. This position will have the opportunity to visit a variety of regulated facilities, and participate in the compliance inspection process. This intern will
also be trained in the basics of environmental investigation, and will have opportunity to practice technical writing skills.

**Skill Set Required of Candidate:**
Applicant should be a graduate or undergraduate student with major in biological science, environmental science, chemistry, natural resources, geology, engineering, or related field. Applicant should have the ability to use MS Office software. Walking, sitting, or standing for long periods of time may be necessary to conduct office or field work. Intern must be a licensed driver, and must be able to provide transportation to and from the office each workday, as well as be able to drive fleet vehicles to conduct field work.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
Summer (12.5 weeks or 500 hours)

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**DNR040**

**Position Title:**
Environmental Specialist Intern

**Position Location:**
500 NE Colbern Rd., Lee’s Summit, Missouri

**Division/Program:**
Division of Environmental Quality/Kansas City Regional Office

**Position Description:**
Duties include assisting inspectors on compliance inspections and investigations. This position will also have the opportunity to participate in concern investigations, with an inspector and then on their own. Shadowing of water pollution control work would include storm water, land disturbance, and domestic wastewater facility inspections and concern investigations. Other duties include assisting inspectors with their equipment and samples, and participating in conducting observations of facility conditions. Intern will also have an opportunity to occasionally accompany inspectors that work in other environmental media. Additional duties will include writing reports, entering data for inspections into the database and scanning relevant documents for inspection reports.

**Professional Experience to be Gained:**
This intern can expect to gain experience and understanding in the area of environmental regulation in Missouri, specifically in the area of water pollution control. This position will have the opportunity to visit a wide variety of regulated facilities, and participate in the compliance inspection process. This intern will also be trained in the basics of engineering review and investigation, and will have opportunity to practice technical writing skills.

**Skill Set Required of Candidate:**
Applicant should be a graduate or undergraduate student with major in biological science, environmental science, chemistry, natural resources, geology, engineering, or related field. Applicant should have the ability to use MS Office software. Walking, sitting, or standing for long periods of time may be necessary to conduct office or field work. Intern must be a licensed driver, and must be able to provide transportation to and from the office each workday, as well as be able to drive fleet vehicles to conduct field work.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
Summer 2019 (12.5 weeks or 500 hours)
DNR041
Position Title: Intern
Position Location: 1709 Prospect Dr., Macon, Missouri
Division/Program: Division of Environmental Quality/Northeast Regional Office
Position Description:
Conduct follow-up inspections for Solid Waste (SW) concerns to document closed dumps; conduct simple SW and Air investigation/inspections; save and move documents into the file room from the exchange drive or from emails or faxes - this includes all of the asbestos notifications, permits, emails, and faxes received; maintain the current status of asbestos projects - abatement projects are constantly being put on hold with amendments; compile/transfer pertinent data from the Public Drinking Water Branch SWEPT database to the NERO Access Plans Tracking Database; prepare draft of final construction approvals for simple waterline extension projects based on the statement of work completed (SOWC) and as-built plans; contact systems with outstanding construction to find out the status of their project; assist in preparing detailed description/summary of wastewater systems' components using data from MoCWIS database and engineering plans.
Professional Experience to be Gained:
A realistic hands-on experience working alongside the department’s environmental specialists, water specialists, engineers, and other professionals.
Skill Set Required of Candidate:
Introductory knowledge of environmental science; ability to use computers and office software; skill in cleaning and maintaining equipment, tools and vehicles; ability to understand and follow instructions and to communicate effectively; ability to make accurate measurements and note obvious irregularities; ability to perform manual work requiring lifting, reaching and bending; and ability to establish and maintain effective working relationships with staff and the general public.
Pay Rate: $14.18/hour
Duration of Assignment: May 13, 2019 – August 23, 2019

DNR042
Position Title: Intern
Position Location: 1709 Prospect Dr., Macon, Missouri
Division/Program: Division of Environmental Quality/Northeast Regional Office
Position Description:
Issue permit renewals (MOR240, MOG76 and MOGD expire next summer); provide compliance assistance to permit applicants by contacting applicants that failed to submit the required monthly effluent sampling report. The intern will not only contact the applicant for the missing report but also provide assistance to explain what is needed and to answer questions on the parameters that need testing. Deliver samples to Jefferson City as needed; contact facilities with expired permits and no renewal applications; draft RTC or follow-up letters.
Professional Experience to be Gained:
A realistic hands-on experience working alongside the department’s environmental specialists, water specialists, engineers, and other professionals.

**Skill Set Required of Candidate:**
Introductory knowledge of environmental science; ability to use computers and office software; skill in cleaning and maintaining equipment, tools and vehicles; ability to understand and follow instructions and to communicate effectively; ability to make accurate measurements and note obvious irregularities; ability to perform manual work requiring lifting, reaching and bending; and ability to establish and maintain effective working relationships with staff and the general public.

**Pay Rate:**
$14.18/hour

**Duration of Assignment:**
May 13, 2019 – August 23, 2019

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**DNR043**
**Position Title:**
Intern

**Position Location:**
2155 N. Westwood Blvd., Poplar Bluff, Missouri

**Division/Program:**
Division of Environmental Quality/Southeast Regional Office

**Position Description:**
Maintain databases listing certified operators and septic haulers in the southeast region counties. Clean and stock the lab, help with periodic calibrations and QAQC, research disposal information for expired chemicals, do maintenance on samplers, fridge, freezer, incubator. Update MSDS records, vehicle maintenance and cleaning. Field work such as carrying coolers and supplies on inspections and/or sampling trips.

**Professional Experience to be Gained:**
The intern will gain experience in the water pollution control aspect of environmental science and experience working in a governmental agency.

**Skill Set Required of Candidate:**
Knowledge of Microsoft Office Suite (Word/Excel/Outlook/Access); ability to follow direction and attention to detail; ability to meet and interact with the public and staff in a professional manner; knowledge and/or experience in water quality. Moderate lifting, bending, working outside in all environments. Science major preferred.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
May - August 2019

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**DNR044**
**Position Title:**
Air/Land Intern

**Position Location:**
7545 S. Lindbergh, St. Louis, Missouri

**Division/Program:**
Division of Environmental Quality/St. Louis Regional Office (SLRO)

**Position Description:**
• The intern in this position will be trained to assist in activities in the Air Pollution-GVR, Hazardous Waste, and Solid Waste programs. Specific activities will include:
  • AP-GVR- contacting and follow up with facilities that are required to install 98% efficient vapor recovery equipment.
  • Assist merging St. Louis County GVR facilities into trackers and databases when they become SLRO responsibility in conjunction with RTR.
  • HW - Investigate and determine the activity status of inactive and non-reporting facilities.
  • SW - Research and assist in identifying and GPS mapping of pre-law landfills.
  • Opportunities may also exist for aiding compliance assistance and education outreach, which could require public speaking, or doing demonstrations.
  • This position will work under the direct supervision of the section manager and other staff.

Professional Experience to be Gained:
The intern in this position will learn about hazardous waste facilities, pre-law landfills, GVR facilities, data management, and about MoDNR’s role in protecting public health through AP-GVR, HW, and SW regulations. The intern will work independently but also with teams.

Skill Set Required of Candidate:
The intern should have basic understanding of the purpose of environmental regulations and good interpersonal communication skills (both written and verbal). Candidate should also have basic computer (Microsoft Office) skills. Must be able to work outdoors. Must have a driver’s license and be able to get to work each day during fairly regular hours between 8 am and 5 pm.

Pay Rate:
$14.46/hour

Duration of Assignment:
June, July and August – until they must return to school, if undergraduate
permit, and about MoDNR’s role in protecting public health and the environment through water pollution regulations. If an intern with engineering training is found, the intern will also receive engineering experience working with a Professional Engineer. The intern will work independently, but also with teams.

**Skill Set Required of Candidate:**
If possible, the intern should have engineering training to make the most use of this opportunity. The intern should have basic understanding of water quality, chemistry, and good interpersonal communication skills (both written and verbal). Candidate should also have basic computer (Microsoft Office) skills. Must be able to work outdoors. Must have a driver’s license and be able to get to work each day during fairly regular hours between 8 am and 5 pm.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
June, July and August – until they must return to school, if undergraduate

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DNR046
**Position Title:**
Public Drinking Water Intern

**Position Location:**
7545 S. Lindbergh, St. Louis, Missouri

**Division/Program:**
Division of Environmental Quality/St. Louis Regional Office

**Position Description:**
The intern in this position will be trained to assist in conducting final waterline inspections (non-SRF only), review, scan and assist in the electronic filing of plans from drinking water facilities, assist in developing emergency contact information in a convenient format for contacting facilities in an emergency, assist with laboratory and equipment inventory related to Drinking Water sampling in coordination with a water specialist, assist in collecting samples for Bacti and Total Residual Chlorine and other tests suitable for review at sites where we have an identified concern, receive TC positive samples, collect GPS readings to fill in missing data on Drinking Water facilities in a database, and if demonstrating sufficient knowledge after training, may conduct site survey inspections and well grout inspections. The Drinking Water unit has had additional personnel changes. By the time the intern starts, new staff should be in place. However, an intern can assist the unit in focusing on the compliance and operation inspections required to be done on three and five year rotations.

**Professional Experience to be Gained:**
The intern in this position will learn about public drinking water systems, treatment options, installation processes, data management, sampling procedures and about MoDNR’s role in protecting public health through drinking water regulations and work. The intern will work independently but also with teams.

**Skill Set Required of Candidate:**
The intern should have basic understanding of water quality, chemistry, and good interpersonal communication skills (both written and verbal). Candidate should also have basic computer (Microsoft Office) skills. Must be able to work outdoors. Must have a driver’s license and be able to get to work each day during fairly regular hours between 8 am and 5 pm.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
June, July and August – until they must return to school, if undergraduate
Position Title: Water Pollution Control Intern
Position Location: 7545 S. Lindbergh, St. Louis, Missouri
Division/Program: Division of Environmental Quality/St. Louis Regional Office
Position Description:
The intern in this position will be trained to assist in conducting land disturbance or other permit termination inspections, as well as assist in emergency bypass inspections initial response. The intern will document with photos and prioritize necessity of further investigation, and conduct spot check verification of information being submitted by the facility regarding SSO’s that are reported as having been stopped and corrected. The intern may conduct sampling in cooperation with a water pollution inspector at SSO emergency investigations. The intern may review, scan and assist in the electronic filing of plans for wastewater facilities, archive information, and laboratory and equipment inventory projects. Depending on intern’s ability to function somewhat independently following training, the intern may be able to do follow-up inspections at sites where there have already been inspections and a re-inspection is needed, (Class I inspections only) or survey areas indicating there may be land disturbance work occurring to assist in identification of sites that should have a land disturbance permit and are causing water pollution issues. In some cases, the intern may be able to accompany inspectors on inspections where it is appropriate to have a team of two for safety (storm water concerns) and to help verify and document concerns. Some initial concern investigations may be suitable for the intern to do an initial visit in order to free up water pollution staff with other higher priority enforcement or inspection work.
Professional Experience to be Gained:
The intern in this position will learn about water pollution, waste water treatment systems, treatment options, data and file management, water and facility sampling procedures, how to read a wastewater permit, and about MoDNR’s role in protecting public health and the environment through water pollution regulations. The intern will work independently but also with teams.
Skill Set Required of Candidate:
The intern should have basic understanding of water quality, chemistry, and good interpersonal communication skills (both written and verbal). Candidate should also have basic computer (Microsoft Office) skills. Must be able to work outdoors. Must have a driver’s license and be able to get to work each day during fairly regular hours between 8 am and 5 pm.
Pay Rate:
$14.46/hour
Duration of Assignment:
June, July and August – until they must return to school, if undergraduate

Position Title: Intern
Position Location: 1101 Riverside Dr., Jefferson City, Missouri
Division/Program: Division of Environmental Quality/Soil and Water Conservation Program
Position Description:
Utilize and learn GIS to review the Water Quality Portal and assess the water quality data for each 8-digit HUC. The goal will be to review the available data, determine how old the data is, and assess data.
gaps for watershed management plans, TMDLs, 305(b), etc., to create data layers and maps for the public. This will help with 319 projects as well as the Watershed Protection Section. Strong GIS experience and knowledge of water quality are preferred for this position.

**Professional Experience to be Gained:**
Learn and establish more experience with GIS and water quality projects.

**Skill Set Required of Candidate:**
Strong GIS experience and knowledge of water quality are preferred for this position.

**Pay Rate:**
$10.00/hour

**Duration of Assignment:**
May – August, 2019

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DNR049

**Position Title:**
Intern

**Position Location:**
1101 Riverside Dr., Jefferson City, Missouri

**Division/Program:**
Division of Environmental Quality/Soil and Water Conservation Program

**Position Description:**
Help with end of fiscal year cost-share payments, and travel with district coordinators for practice reviews (field review of soil and water conservation practices).

**Professional Experience to be Gained:**
Learn the MoSWIMS database, how to evaluate payment eligibility, evaluate practices on maps, field work to determine if information on contracts matches what is installed.

**Skill Set Required of Candidate:**
Database and mapping skills. Understanding of agricultural practices.

**Pay Rate:**
$10.00/hour

**Duration of Assignment:**
March – August, 2019

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DNR050

**Position Title:**
Engineering Intern

**Position Location:**
1730 E. Elm, Jefferson City, Missouri

**Division/Program:**
Division of Environmental Quality/Solid Waste Management Program

**Position Description:**
Conduct engineering review of solid waste permits to collect data to populate online electronic database and MoGem system. Assist with field monitoring visits at permitted solid waste facilities (transfer stations and landfills) - records inspections to determine compliance.

**Professional Experience to be Gained:**
Technical engineering knowledge related to solid waste management, solid waste management facilities, and permitting processes as well as a general understanding of department and program organization.

**Skill Set Required of Candidate:**
Engineering student

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
Summer 2019 (maximum of 12 weeks)

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**DNR051**

**Position Title:**
Engineering Intern

**Position Location:**
1730 E. Elm, Jefferson City, Missouri

**Division/Program:**
Division of Environmental Quality/Solid Waste Management Program

**Position Description:**
Conduct engineering review of solid waste permits to collect data to populate online electronic database and MoGem system. Assist with field monitoring visits at permitted solid waste facilities (transfer stations and landfills) - records inspections to determine compliance.

**Professional Experience to be Gained:**
Technical engineering knowledge related to solid waste management, solid waste management facilities, and permitting processes as well as a general understanding of department and program organization.

**Skill Set Required of Candidate:**
Engineering student

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**DNR052**

**Position Title:**
Engineering Intern

**Position Location:**
1730 E. Elm, Jefferson City, Missouri

**Division/Program:**
Division of Environmental Quality/Solid Waste Management Program

**Position Description:**
Conduct engineering review of solid waste permits to collect data to populate online electronic database and MoGem system. Assist with field monitoring visits at permitted solid waste facilities (transfer stations and landfills) - records inspections to determine compliance.

**Professional Experience to be Gained:**
Technical engineering knowledge related to solid waste management, solid waste management facilities, and permitting processes as well as a general understanding of department and program organization.

**Skill Set Required of Candidate:**
Engineering student

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**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
Summer 2019 (maximum of 12 weeks)
Summer 2019 (maximum of 12 weeks)

**DNR053**  
**Position Title:** Intern  
**Position Location:** 2040 W. Woodland, Springfield, Missouri  
**Division/Program:** Division of Environmental Quality/Southwest Regional Office  
**Position Description:** Compliance Assistance to visit Fire Departments to inform them on new open burning regulations.  
**Professional Experience to be Gained:** Public speaking, air pollution regulations.  
**Skill Set Required of Candidate:** Science major preferred.  
**Pay Rate:** $14.46/hour  
**Duration of Assignment:** May – mid-August

**DNR054**  
**Position Title:** Environmental Engineer Intern  
**Position Location:** 1101 Riverside Dr., Jefferson City, Missouri  
**Division/Program:** Division of Environmental Quality/Water Protection Program  
**Position Description:**  
Work with the Public Drinking Water Branch engineers to update the Construction Permitting Process Manual and Permits to Dispense Manual. Research innovative technologies to develop sound criteria that Infrastructure Permits and Engineering Section engineers can use in regards to water reuse application during drought events. Work with Section engineers on evaluating more advanced cost effective treatment technologies in regards to disinfection byproducts removal. Assist the Section with backlog permits, scanning engineering documents, and uploading to Enterprise Content Manager.  
**Professional Experience to be Gained:** To be familiar with the safe drinking water regulations, community design standards, surface and groundwater treatment unit processes, hydraulic analysis, databases, engineering report review, water quality standards, and permitting processes. Development of Excel spreadsheets to assist Section engineers in water rate analysis that has the greatest economic impact on public water systems.  
**Skill Set Required of Candidate:** Ability to build effective professional relationships and work as a member of a team through clear communication, punctuality, courtesy, and a professional appearance and demeanor. Be familiar with common computer applications and willingness to learn new applications. Proficient with Microsoft Office Suite including Microsoft Word and Microsoft Excel. Individual must be outgoing and confident enough to make telephone calls to permitted entities, Missouri Department of Natural Resource’s staff, Attorney General's Office staff, and county officials. Must be able to clearly and effectively communicate information to permitted entities and Department staff (both verbal and written). Ability to enter and maintain data in an Excel spreadsheet. Individual will need to be organized, have good attention to
Individual must be able to manage and prioritize multiple projects. Individual must be able to work
independently.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
3 Months - Approximately May 15th to August 15th

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**Position Title:**
Environmental Engineer Intern

**Position Location:**
1101 Riverside Dr., Jefferson City, Missouri

**Division/Program:**
Division of Environmental Quality/Water Protection Program

**Position Description:**
Individual will be responsible for identifying various treatment technologies for drinking water
treatment plants and how this relates to wastewaters discharged from the facility.

**Professional Experience to be Gained:**
Individual will gain intricate knowledge of drinking water treatment plant discharges to surface waters.

**Skill Set Required of Candidate:**
Applicant should have basic knowledge of wastewater treatment technologies and at least 12 credit
hours of engineering classes; an EIT is preferred. Applicant must be able to effectively communicate
through phone calls and emails to permittees; to work independently; and to provide written work
product in a timely and concise fashion.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
3 Months - Approximately May 15th to August 15th

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**Position Title:**
Environmental Specialist Intern

**Position Location:**
1101 Riverside Dr., Jefferson City, Missouri

**Division/Program:**
Division of Environmental Quality/Water Protection Program

**Position Description:**
Reviewing Water Pollution enforcement case files for closure, verifying all requirements of
Administrative Orders, Consent Judgments, and Court Orders have been met, and drafting enforcement
case closure memorandums when appropriate. Assist permittees with renewal of expired permits.
Researching and compiling information on water pollution cases; generating site maps; and drafting
summary memorandums, Cost Analysis for Compliance documents, and other documents as necessary
for new cases involving violations of the Missouri Clean Water Law.

**Professional Experience to be Gained:**
Gain an understanding of how regulatory agencies function. Develop an understanding of civil
enforcement process, gain experience with Missouri Clean Water Law, and draft business documents.
Learn about current environmental issues, different sources of water pollution and how pollution affects
bodies of water, human health, and the environment. Gain an understanding of the various types of
National Pollutant Discharge Elimination System (NPDES) Permits issued by the Missouri Department of Natural Resources and the regulatory requirements of each.

**Skill Set Required of Candidate:**
Ability to manage multiple projects, and draft concise and accurate documents based on research and review of file material. Good verbal and written communication skills. Ability to enter and maintain data in an Excel spreadsheet. Willingness to participate in an editing process and quickly adapt to an established style of writing.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
3 months - Approximately May 15 to August 15

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**DNR057**
**Position Title:**
Environmental Specialist Intern

**Position Location:**
1101 Riverside Dr., Jefferson City, Missouri

**Division/Program:**
Division of Environmental Quality/Water Protection Program

**Position Description:**
Reviewing Water Pollution enforcement case files for closure, verifying all requirements of Administrative Orders, Consent Judgments, and Court Orders have been met, and drafting enforcement case closure memorandums when appropriate. Assist permittees with renewal of expired permits. Researching and compiling information on water pollution cases; generating site maps; and drafting summary memorandums, Cost Analysis for Compliance documents, and other documents as necessary for new cases involving violations of the Missouri Clean Water Law.

**Professional Experience to be Gained:**
Gain an understanding of how regulatory agencies function. Develop an understanding of civil enforcement process, gain experience with Missouri Clean Water Law, and draft business documents. Learn about current environmental issues, different sources of water pollution and how pollution affects bodies of water, human health, and the environment. Gain an understanding of the various types of National Pollutant Discharge Elimination System (NPDES) Permits issued by the Missouri Department of Natural Resources and the regulatory requirements of each.

**Skill Set Required of Candidate:**
Ability to manage multiple projects, and draft concise and accurate documents based on research and review of file material. Good verbal and written communication skills. Ability to enter and maintain data in an Excel spreadsheet. Willingness to participate in an editing process and quickly adapt to an established style of writing.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
3 months - Approximately May 15 to August 15

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**DNR058**
**Position Title:**
Environmental Specialist Intern

**Position Location:**
1101 Riverside Dr., Jefferson City, Missouri
**Division/Program:**
Division of Environmental Quality/Water Protection Program

**Position Description:**
Help with clean-up of general permit covered facilities regarding applications and terminations, data clean-up for 401 Water Quality Certification Database information, answer Electronic Discharge Monitoring Reporting (eDMR) and ePermitting Hotline (eDMR should be newly added to the eServices/Missouri Gateway for Environmental Management portal around Summer 2019), review mitigation reports, and file clean-up.

**Professional Experience to be Gained:**
Learn about Clean Water Act Section 402 National Pollutant Discharge Elimination System permits and electronic reporting, Section 401 Water Quality Certification and stream and wetland compensatory mitigation, customer service experience, and file and database management.

**Skill Set Required of Candidate:**
Science based studies. Experience in computers and/or databases encouraged but not necessary. Organized, calm, and patient to assist with calls.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
3 months - Approximately May 15 to August 15

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**Position Title:**
Environmental Specialist Intern

**Position Location:**
1101 Riverside Dr., Jefferson City, Missouri

**Division/Program:**
Division of Environmental Quality/Water Protection Program

**Position Description:**
This position will provide support to the Watershed Protection Section with training and educational events. This position will research and develop a new Stream Team display. In addition, this position will also work on the following: Attainability Analysis Stream morphology database; perform background research for Total Maximum Daily Load approaches or future Water Quality Standards rulemakings; National Environmental Policy Act reviews; assist with low flow surveys and data entry; assist with Water Quality Monitoring; and checking Chemical Analysis Section sheets with Water Quality Act of 1987. When time allows, the position will also maintain a filing system and prepare records (via scanning) for long-term storage using standard office equipment. The position will provide assistance by answering calls, and if necessary, directing them to the appropriate staff.

**Professional Experience to be Gained:**
Gain knowledge of water quality sampling methods, knowledge of Missouri’s Water Quality Standards, knowledge of data collection processes and database entry, and a better understanding of Missouri Department of Natural Resources’ departmental roles and function.

**Skill Set Required of Candidate:**
Knowledge of office equipment such as computer, printers, scanners, and Microsoft Office software. Lifting up to 50 pounds, involving loading and unloading supplies for workshops and carrying equipment to the stream location across uneven ground. Long periods of standing are possible while providing assistance during workshops, trainings, and educational outreach activities.

**Pay Rate:**
$14.46/hour
Duration of Assignment:
3 months - Approximately May 15 to August 15

DNR060
Position Title:
Environmental Specialist Intern
Position Location:
1101 Riverside Dr., Jefferson City, Missouri
Division/Program:
Division of Environmental Quality/Water Protection Program
Position Description:
Individual will be responsible for the quality assurance of industrial permits regarding legal language and interpreting applied rules and regulations as implemented in National Pollution Discharge Elimination System (NPDES) permits. Topics will include Effluent Limitation Guidelines, Underground Injection Controls, permit shield, application shield, solid waste rules, bills, statues, and others as found in NPDES permits.

Professional Experience to be Gained:
Individual will gain expanded knowledge of Missouri’s Clean Water Law, the Clean Water Act, Effluent Limitation Guidelines, and federal and state rules and regulations.

Skill Set Required of Candidate:
Individual should have at least 9 credit hours in environmental law or similar. Applicant must be able to work independently and provide written work product in a timely and concise fashion.

Pay Rate:
$14.46/hour
Duration of Assignment:
3 months - Approximately May 15 to August 15

DNR061
Position Title:
Environmental Specialist Intern
Position Location:
1101 Riverside Dr., Jefferson City, Missouri
Division/Program:
Division of Environmental Quality/Water Protection Program
Position Description:
Conduct public drinking water sustainability data management and analysis for the Public Drinking Water Branch. This work includes assistance with the enforcement of the Missouri Safe Drinking Water Law and regulations, and therefore protection of public health through compliance assistance and monitoring, case and violation management, resolution of non-compliance, and enhancement of system managerial, financial, and technical capabilities. This internship could include file review and research to determine legal ownership of wells and public water systems, data analysis to determine system sustainability or trends in non-compliance, as well as other research to determine compliance status. Work could also include compliance assistance for public water systems by guiding them through document submission, introducing capacity development ideas, or promoting source water protection.

Professional Experience to be Gained:
Exposure to all aspects of drinking water regulation and an understanding of the civil regulation and enforcement process common to all environmental programs. Gain experience with Missouri Safe Drinking Water Law and regulations (and therefore the federal Safe Drinking Water Act). Develop an
understanding of the relationship between the Missouri Department of Natural Resources and the U.S. Environmental Protection Agency. Draft business documents and legal agreements. Communicate with environmental professionals and the regulated community.

**Skill Set Required of Candidate:**
Ability to build effective professional relationships and work as a member of a team through clear communication, punctuality, courtesy, and a professional appearance and demeanor. Be familiar with common computer applications and willingness to learn new applications. Have good verbal and written communication skills.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
3 months - Approximately May 15 to August 15

DNR062

**Position Title:**
Environmental Specialist Intern

**Position Location:**
1101 Riverside Dr., Jefferson City, Missouri

**Division/Program:**
Division of Environmental Quality/Water Protection Program

**Position Description:**
Conduct compliance assistance and enforcement activities for the Public Drinking Water Branch. This work includes assistance with the enforcement of the Missouri Safe Drinking Water Law and regulations, and therefore protection of public health through compliance assistance and monitoring, case and violation management, and resolution of non-compliance through administrative actions or the Attorney General's Office. This internship could include file review and research to determine legal ownership of wells and public water systems, review of unilateral or administrative orders on consent for enforcement actions, and data analysis to determine compliance status or determine trends in non-compliance. Work could also include compliance assistance for public water systems by guiding them through document submission, introducing capacity development ideas, or promoting source water protection.

**Professional Experience to be Gained:**
Exposure to all aspects of drinking water regulation and an understanding of the civil regulation and enforcement process common to all environmental programs. Gain experience with Missouri Safe Drinking Water Law and regulations (and therefore the federal Safe Drinking Water Act). Develop an understanding of the relationship between the Missouri Department of Natural Resources and the U.S. Environmental Protection Agency. Draft business documents and legal agreements. Communicate with environmental professionals and the regulated community.

**Skill Set Required of Candidate:**
Ability to build effective professional relationships and work as a member of a team through clear communication, punctuality, courtesy, and a professional appearance and demeanor. Be familiar with common computer applications and willingness to learn new applications. Have good verbal and written communication skills.

**Pay Rate:**
$14.46/hour

**Duration of Assignment:**
3 months - Approximately May 15 to August 15
Position Title: Research Analyst Intern
Position Location: 1101 Riverside Dr., Jefferson City, Missouri
Division/Program: Division of Environmental Quality/Water Protection Program
Position Description: Assist with collection of delinquent permit fees, verify payment status of cases, draft correspondence and emails, and contact parties by telephone. Assist permittees with renewal, transfer, and termination of permits. Complete requests for site visits for regional staff. Data entry, spreadsheet management, research ownership of property, and work with regional office staff. Communicate status of cases to Budget and Fee’s Unit staff and Water Protection Program Compliance and Enforcement Section staff. Consult with permit writers and Attorney General’s Office staff. Keep detailed records of phone, mail, and email correspondence.

Professional Experience to be Gained:
Learn how regulatory agencies function. Gain experience collaborating and consulting with government employees at both county and state levels. Experience the billing and fee collection process and professional interactions with permittees by phone and email. Gain experience updating and managing a spreadsheet and accessing multiple databases. Gain experience effectively compiling and communicating information obtained through research. Learn the various permit types issued by the Missouri Department of Natural Resources and gain an understanding of permitting regulations and current environmental issues.

Skill Set Required of Candidate:
Proficient with Microsoft Office Suite including Microsoft Word and Microsoft Excel. Individual must be outgoing and confident enough to make telephone calls to permitted entities, Missouri Department of Natural Resource's staff, Attorney General's Office staff, and county officials. Must be able to clearly and effectively communicate information to permitted entities and Department staff. Ability to enter and maintain data in an Excel spreadsheet. Individual will need to be organized, have good attention to detail, and be able to manage and prioritize multiple projects. Individual must be able to work independently.

Pay Rate: $14.46/hour

Duration of Assignment: 3 months - Approximately May 15 to August 15