Job Title: Fire Ecologist  
Agency: Missouri Department of Conservation  
Location: West Plains, Missouri (with projects statewide)  
Hiring manager and position supervisor: Megan Buchanan  
Starting salary: $44,196 (salary range maximum: $66,288)  
Application deadline: 11 February 2019  
To apply: upload resume or CV, cover letter, contact information for at least three professional references, undergraduate and graduate transcripts (unofficial is fine), and a writing sample at https://jobs.mdc.mo.gov/ 

Position summary  
- The Fire Ecologist will develop, lead, and conduct collaborative research projects and adaptive management evaluations across a wide range of Missouri forests, woodlands, and grasslands and will provide science-based information and guidelines to resource managers to help restore and sustain the health and resilience of Missouri’s fire-dependent and fire-adapted ecosystems.

Essential Job Duties  
- Work collaboratively with resource managers from the Missouri Department of Conservation (MDC) and partner agencies (e.g. The Nature Conservancy (TNC), Mark Twain National Forest, The L-A-D Foundation) to assess prescribed-fire management needs in forests, woodlands, and grasslands and implement research projects and adaptive management evaluations on prescribed-fire management and applied fire ecology  
- Work independently and collaboratively with researchers from MDC and other institutions (e.g. the U.S. Forest Service Northern Research Station, the University of Missouri) to conduct applied research that will inform resource management  
- Assist with leading, developing, and directing components of the MDC and TNC long-term collaborative research project examining the woody and herbaceous vegetation response to landscape-scale prescribed fire on the TNC-owned Chilton Creek Research and Demonstration Area  
- Work collaboratively with forest managers and scientists to develop new research proposals and adaptive management projects that address priority management needs, issues, and questions in Missouri’s fire-dependent and fire-adapted forests, woodlands, and grasslands  
- Provide assistance as needed to the MDC scientists leading an ongoing research project on the impact of patch-burn-grazing management on tallgrass prairie biodiversity on MDC-owned and managed remnant prairies  
- Assist MDC resource managers with the development of Natural Community Management Plans and with the monitoring of landscape-scale prescribed fire effects on vegetative communities (herbaceous, shrub, and tree communities)  
- Communicate results of management evaluations and research projects to resource managers and scientists through a variety of outlets (e.g. present at regional, state, and national conferences, workshops, and trainings; publish in technical series, peer-reviewed journals, and popular press; develop and lead technical trainings, workshops, and field tours)
• Develop and monitor budgets, Cooperative Agreements, and Memorandums of Understanding for active projects
• Supervise and direct hourly employee field data collection, data entry, and other activities
• Participate in MDC and inter-agency professional committees to assist with coordinating and conducting priority conservation work in priority areas (e.g. the Mahan’s Creek Watershed Priority Geography team and the Current River Conservation Opportunity Area team)
• Assist with agency-wide priority projects and initiatives as needed
• Perform other duties as assigned

Education and Experience
• Graduate from an accredited college or university with a Master’s degree in forestry, ecology, environmental science, natural resource science and management, geography, or related field
• At least three years of relevant professional experience, including experience in prescribed-fire management
• Must maintain a valid, current driver’s license
• Wildland firefighter training is preferred

Knowledge, Skills, and Abilities
• Strong knowledge of forest and woodland ecology, fire ecology, and natural resource management
• Knowledge of the ecology, management, and common woody and herbaceous plant species of Missouri forests and woodlands
• Knowledge of and skill with a variety of statistical analyses
• Excellent oral and written communication skills
• Demonstrated qualities of self-motivation, organization, and critical thinking
• Ability to work both independently and as part of collaborative teams
• Skill and experience using ArcGIS, statistical, and Microsoft Office software
• Knowledge of grassland ecology and management is preferred
• Knowledge of adaptive management concepts and processes is preferred

Work Environment
• Regularly work in an office environment
• Frequently work outdoors, often in rugged terrain and inclement weather (typically between zero and ten days per month)
• Frequently travel overnight (typically between zero and five nights per month)
• Infrequently work weeknights and weekends as needed (typically between one and two weekends per year and between zero and five weeknights per year with more required if volunteering to assist with local MDC wildland fire suppression efforts)

Physical Abilities
• Ability to traverse flat to rugged terrain, both on and off trails
• Ability to regularly carry up to a 20-pound backpack and other field gear
This position has been determined to be exempt according to the Fair Labor Standards Act. Employees must agree to accept compensatory time in lieu of cash payments in accordance with the Department’s Compensatory Time Off and Overtime Policy. The Department will only hire United States citizens and non-citizens who are authorized to work in the United States. All new employees will be required to complete an “Employment Eligibility Verification” (Form I-9) and produce requested documentation after employment. Candidates seeking initial employment or re-employment must submit to a drug screen following offer of employment. Smoking is prohibited in all owned, rented, or leased Department offices, buildings, facilities, vehicles, and aircrafts. All persons who are employed with the state of Missouri shall file all state income tax forms and pay all state income taxes owed.

For additional information on this job opening, contact Megan Buchanan
   Email: Megan.Buchanan@mdc.mo.gov
   Phone: 417-255-9561 ext. 4760
   Address: 551 Joe Jones Blvd
            West Plains, MO 65775

--
Megan L. Buchanan
Forest Systems Field Station Supervisor
Missouri Department of Conservation
551 Joe Jones Blvd
West Plains, MO 65775
Phone: 417-255-9561 ext. 4761
Email: Megan.Buchanan@mdc.mo.gov

Manage your Group settings:

* To reply to sender (Megan Buchanan):
  privateemail53517@community.esa.org

* To view sender's profile, click this link:
  Megan Buchanan

* To post to entire group, send email to:
  ECOLOG-L@community.esa.org

* To email the group moderator(s) (Jonathan, George, Maya Sohn):
  ECOLOG-L-moderator@community.esa.org

* To UNSUBSCRIBE or change delivery settings, click this link:
  edit delivery settings
* To UNSUBSCRIBE from this group, send email to: ECOLOG-L-unsubscribe@community.esa.org

* To remove yourself from this group, send email to: ECOLOG-L-remove@community.esa.org

* To visit this group on the web, click this link: view group

Powered by GoLightly, http://www.golightly.com/