The Cooperative Institute for Research in the Atmosphere (CIRA) at Colorado State University (CSU) seeks to fill a professional scientific position designed to perform full-time collaborative research with the National Oceanic and Atmospheric Administration (NOAA) located at the National Weather Service (NWS) / Aviation Weather Center (AWC) / Aviation Weather Testbed (AWT) in Kansas City, MO. This position is located in a federal facility in Kansas City, MO and requires the ability to pass a National Agency Check with Inquiries (NACI, federal background check) for building access.

The AWC in Kansas City, Missouri has a long history of supporting and transitioning research into operations for the NWS to support the Federal Aviation Administration (FAA) and other aviation partners. Contained within AWC, the AWT provides the infrastructure and facilities to develop, test, and evaluate new and emerging scientific techniques, products, and services. The AWT actively engages in the research-to-operations process by supporting applied research, verifying the quality and scientific validity of new techniques and products, and providing a common venue for both forecasters and researchers to engage in developing and testing state-of-the-art aviation weather services.

The AWC and AWT collaborate with universities, governmental forecast centers and research laboratories, FAA and other aviation partners, International Meteorological Watch Offices, and other NOAA and NWS organizations. The AWC maintains 24×7 global forecasting and warning operations, and the AWT supports aviation meteorology hazards training, applied research, and transitioning research-to-operations. CIRA is a collaborating partner with the AWC on a number of research projects and activities. CIRA professionals assist the AWC/AWT in supporting, developing, testing, and transitioning aviation weather research into NWS operations.

The mission of AWC is to enhance safe and efficient flight. The individual in this position will work closely with aviation partners and a federal advisor to improve NWS aviation weather services by leading a variety of projects (e.g., research to operations, technology to operations, and IT infrastructure). The individual will report to the CIRA Associate Director, and work closely with on-site NWS federal collaborators. This position has the potential for growth.

**Responsibilities:**
The individual in this position will provide overall technical management of AWC projects, which provide the opportunity to improve weather support to the global aviation enterprise.

**Leading Projects and Project Teams (80%)**

- Execute all phases of project management, from requirements gathering to closeout
- Lead project team members, including task coordination
• Facilitate communication with internal and external stakeholders
• Exercise risk management principles, including risk assessment, designing mitigation strategies, and execution of appropriate risk responses
• Work collaboratively with AWC and NWS federal staff to specify and prioritize requirements
• Oversee the work of AWC technical and development staff through planning and scheduling
• Help develop and promote standard software conventions and test/integration procedures

Administrative (20%)
• Provide both written and oral reports on project status
• Participate in meetings, as needed
• Compile and submit CIRA reports, as required

Required Qualifications:
• This position is located in a federal facility in Kansas City, MO and requires the ability to pass a National Agency Check with Inquiries (NACI, federal background check) for building access.
• Bachelor of Science degree with 5 years relevant experience or Master of Science degree with 2 years relevant experience in computer science, atmospheric science, mathematics, or a related discipline. Relevant experience must include at least 2 years of project planning and control with emphasis on scientific data processing and IT communications
• Demonstrated experience leading project teams
• Demonstrated experience using project scheduling/tracking tools
• Strong written and oral communication skills

Desired Qualifications:
• Experience managing multiple projects, often with competing priorities
• Knowledge of configuration management, and industry standards for software development practices
• Knowledge of high-level programming languages, operating system concepts, communications protocols, and network architecture
• Ability to work both independently and on teams to analyze problems, and identify and implement solutions
• Familiarity with NOAA and NWS systems

Salary: Commensurate with qualifications and experience.

Background Check:
Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates
being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search, and motor vehicle history. **This position is located in a federal facility in Kansas City, MO and requires the ability to pass a National Agency Check with Inquiries (NACI, federal background check) for building access.**

**Commitment to Diversity and Inclusion:**
Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department's commitment to diversity and inclusion.

**Application Deadline:**
Applications will be accepted until the position is filled; however, to ensure full consideration, applications should be submitted by 11:59 PM MDT DATE. Apply electronically by clicking “Apply to this Job” at the following website: SITE
References will not be contacted without prior notification of candidates.

Please address “Required and Preferred” qualifications as relate to your professional experience in the cover letter.

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