Principal Investigator, Modeling and Simulation Branch

The Air Force Research Laboratory (AFRL), Directed Energy Directorate, Mission Planning and Support Division, located in Albuquerque, NM on Kirtland AFB is seeking candidates with an engineering, computer scientist or mathematical degree to plan, coordinate, and manage all the technical aspects of assigned program(s) through application of professional knowledge and skill in physical science practices, processes, and techniques. Must be current in state-of-the-art use of computer imaging and modeling & simulation (M&S) software and equipment to facilitate the linkage of directed energy physics based M&S to the warfighter mission and engagement level M&S; able to support wargaming and analysis to demonstrate military utility of directed energy systems. Will be engaged in areas of simulation including virtual and constructed, as well as users in-the-loop. Researching and retaining up-to-date knowledge of simulation technology is critical; will be the core technology area lead for innovation within the M&S community. Must show creativity when developing new military utility assessments and computer tool development to include the use of super computers. Simulations may involve a combination of varied and complex features requiring the resolution of problems and to modify or extend standard techniques. Guidelines are often inadequate in dealing with the more complex or unusual problems, this will require the use of resourcefulness, initiative, and judgment based on experience to deviate from or extend traditional engineering methods and practices.

This is a civilian position under the Laboratory Demonstration ("Lab Demo") pay plan, at the grade of DR-02 (roughly a GS-12/13 equivalent). The salary range for a DR-02 is $73,966 to $116,145 which includes 16.20% Albuquerque locality pay. This position requires US citizenship and the ability to obtain/retain a Top Secret Security Clearance. The RDM Division seeks recent Master’s or PhD graduates with 5 years of experience. For more information please contact Ms. Teresa LeGalley at Teresa.LeGalley@us.af.mil or (505) 846-5119. Send resumes/CVs to AFRL.RDRV.Internal.Apps.Org.Mbx@us.af.mil.

For more information about the Air Force Research Laboratory visit: https://afresearchlab.com/