



## RESEARCH SCIENTIST

NOAA/NCEP, College Park, MD

I.M. Systems Group, Inc. (IMSG), [www.imsig.com](http://www.imsig.com)<<http://www.imsig.com>>, a Federal Government Contractor is seeking to fill a part-time position supporting the Weather Prediction Center (WPC) and Environmental Modeling Center (EMC) of the National Centers for Environmental Prediction (NCEP). The contractor will serve as a Research Scientist to develop promising techniques for improved weather forecasts, with particular emphasis on post-processing and verification.

Areas of particular need and interest to be addressed include forecasting of heavy rainfall and snowfall as well as using and adapting various verification software packages.

*Specific activities may include but are not limited to:*

- Downscaling and calibrating deterministic and probabilistic precipitation using dynamical and statistical methods.
- Using and adapting verification software, such as the Model Evaluation Tools package.
- Conducting model and human forecaster verification.

Qualifications:

Required/Desirable Knowledge or Skills Set:

- MS or advanced degree in meteorology, hydrology or related earth science fields
- Extensive knowledge of weather forecasting, especially quantitative precipitation forecasting
- Extensive knowledge on statistics and strong analytical skills
- Good computer skills in windows and Linux/Unix environment
- Good communications skills in English, team player
- Desirable to have peer-reviewed publications

To Apply:

Please submit your resume, the contact information for three (3) references, your salary requirements and a cover letter explaining how your qualifications meet the requirements of the position to

[jobs@imsig.com](mailto:jobs@imsig.com)<<mailto:jobs@imsig.com>> with the following subject line: **NOA1504 Research Scientist**

IMSG offers an outstanding benefits package including company paid medical benefits and three weeks paid time off.

IMSG is an Equal Opportunity Employer and Veteran friendly.