

Post-Doctoral Position In Data Analytics and Degradation Science¹ of PV Systems

A Post-Doctoral Research Associate /Senior Research Associate position for a statistician is available in the **Solar-Durability and Lifetime Extension (SDLE) Center** in the Department of Materials Science and Engineering under the direction of Prof. Roger H. French with a co-appointment in the Center for Statistical Research, Computing and Collaboration (SR2c) in the Department of Epidemiology and Biostatistics at Case Western Reserve University with Prof. Jiayang Sun. The materials science research focuses on solar radiation and environmental durability of long-lived materials, elements and systems including photovoltaics. The research associate will perform research on data from accelerated and real-world exposures on materials, components and systems, including statistical analytics and the further development of semi-gSEM methodology. The research associate will lead in R code development and data analysis of large and diverse data sets including time series, spectra and point in time data. Preference will be given to individuals with experience in real-world data analytics and a demonstrated ability to lead a project, collaborate with domain scientists, analyze data, and write manuscripts.

The applicant should hold a Ph.D. degree in Statistics, Biostatistics, or a related field. Excellent analytic and computing skills, with at least two programming languages, one from each of two of the following three groups: R/Splus/SAS, C/Fortran/JAVA/Python, Matlab/Mathematica, are required. Experience with Linux is a plus. Strong oral and written communication skills and ability to work independently and collaboratively are essential.

Applicants should send a cover letter including a brief description of research experience and interests, a curriculum vitae, and contact information for at least three references to:

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