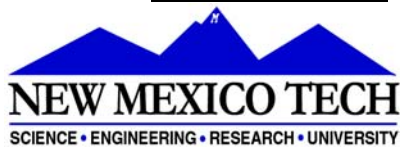


Posted: November 19, 2018



POSITION ANNOUNCEMENT

TITLE: POSTDOCTORAL RESEARCHER

DEPT: MECHANICAL ENGINEERING

REGULAR

TEMP

FULL TIME

PART TIME

STARTING RATE or SALARY RANGE: Negotiable at Paygrade

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

***INTERNAL POSTING THROUGH:** November 29, 2018* CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

Dr. Michael Hargather at New Mexico Tech is currently accepting applications for a Postdoctoral Research Position. Dr. Hargather's research group specializes in optical diagnostics for explosive research including laboratory and field-scale imaging of shock wave, fragment, and turbulent gas propagation from explosions. Applicants should have an experimental fluid-dynamic background and a PhD in Mechanical Engineering or a relevant related field. A specific research background is not required, and expertise in particle image velocimetry (PIV), particle tracking velocimetry (PTV), spectroscopy, image processing, and turbulence measurements are relevant. Dr. Hargather's research group currently includes 4 PhD students, 1 MS student, and 2 undergraduates, supported on projects funded primarily by the US Department of Defense (DOD) and Department of Energy (DOE). Dr. Hargather also supports a range of research at the New Mexico Tech Energetics Materials Research and Testing Center (EMRTC), a 40-square-mile blast testing facility located adjacent to campus in Socorro, NM.

The successful candidate will be expected to mentor students, be a lead researcher on funded projects, assist with proposal writing activities, and prepare and submit journal manuscripts and conference presentations. Opportunities for teaching at New Mexico Tech while holding this position are available. To apply please submit a full CV with a 1-page summary of relevant research experience to nmtjobapps@npe.nmt.edu

Dr. Hargather's research group website is located at: www.nmt.edu/mjh

*Must be a U.S. Citizen

Apply to: New Mexico Tech, Human Resources 801 Leroy Pl. Brown Hall Box 150, Socorro, NM 87801-4796