David L Nieland

Subject: Research Assistant Professor (ecohydrological modeler)

Jornada Basin Long Term Ecological Research Program (Jornada LTER) at New Mexico State University (NMSU) is hiring a Research Assistant Professor as an ecohydrological modeler. Jornada LTER (http://jornada.nmsu.edu/lter) is an interdisciplinary team of investigators from seven major universities and three federal agencies conducting research at the USDA Jornada Experimental Range and the NMSU Chihuahuan Desert Rangeland Research Center near Las Cruces, NM, USA. The goals of the Jornada LTER are to understand and quantify the mechanisms that generate alternative states in dryland ecosystems, and to predict future states and their consequences for the provisioning of ecosystem services.

A brief description of the two-year position is below – for more details, and to apply, see the web links below. Please forward this information to interested applicants. Dr. Debra Peters (debpeter@nmsu.edu), Lead Principal Investigator of the Jornada Basin LTER, can be contacted for more information.

https://jobs.nmsu.edu/postings/24372

Position job title: Research Assistant Professor
Rank: Assistant Professor
Tenure status: Non-Tenure Track
Appointment status: Regular, Full-time
Appoint base: Annual
Posting date: 2/1/2016
Closing date: 3/15/2016

Position summary: This is a two-year appointment (starting fall 2016). New Mexico State University and the Jornada Basin Long-Term Ecological Research (LTER) project invite applications for a research faculty position in ecohydrological modeling. We seek highly qualified individuals with research experience and interest in coupling ecosystem and hydrological models, distributed ecohydrological modeling, and semiarid ecohydrological processes involving vegetation transitions and state changes.

Required Qualifications:

- Ph.D. in ecology, hydrology, earth and environmental science or closely related field is required at the time of appointment.
- Experience in:
    1) using ecohydrologic models, including code development,
    2) calibration and testing techniques with observations, and
    3) scenario analyses.
- Strong written and oral communication skills required, as evidenced by peer-reviewed publications and presentations at professional meetings.