

AMS GEOSCIENTIST

Purdue University is upgrading its Tandem Accelerator to establish a research center for Accelerator Mass Spectrometry (AMS). This instrument will mainly analyze ^{36}Cl , ^{129}I , ^{41}Ca , ^{10}Be , ^{26}Al , and ^{14}C to solve scientific problems in Solid Earth and Atmospheric Sciences. Professor David Elmore has joined the Physics Department to help establish this facility and substantial start-up funds have been provided.

Purdue's Department of Earth and Atmospheric Sciences seeks a well-established geoscientist whose research involves isotopes that can be analyzed by AMS. We especially seek applicants with AMS-related experience in hydrology, surficial processes, climatology, physical geography or biogeochemical cycles who have demonstrated an ability to obtain external funding.

The successful applicant will teach courses in his/her specialty, have essentially unlimited access to the facility, and assume a major role in directing overall research-and-development priorities. Rank and salary for this faculty position will depend on qualifications.

Send vita, statement of AMS-related research and experience, and names of three references to: Dr. Steven J. Fritz, Department of Earth and Atmospheric Sciences, Purdue University, West Lafayette, IN 47907. Screening will commence on May 1 and will continue until the position is filled. Purdue University is an affirmative action/equal opportunity employer.