ABQMR, Inc. is a small research, development and consultancy company in Albuquerque, New Mexico. We design and build magnetic resonance (NMR and MRI) equipment for custom — often exotic — applications like 3D imaging of plant roots to gain previously-unobtainable insights, and monitoring pollution through arctic ice sheets using helicopter-borne NMR. We have expertise in NMR hardware, MRI, fluid and particulate flows, and chemical engineering. A specialization is low-field resonance.

**ABQMR is looking to hire a postdoc and a research scientist.**

As part of our team you will assist with both building new MR systems and running experiments using existing systems. Your near-term responsibilities will be focused on developing MRI systems for imaging plant roots in greenhouses and agricultural fields, and may include everything from data processing to helping with the physical labor of building MR systems.

The new hire(s) will have the opportunity of helping to determine the future directions of the company.

**Role Requirements**
- Master’s Degree or PhD in physics, engineering or related field.
- Experience with experimental research is required.
- Experience with data processing in Matlab, Octave or Python is required.
- Familiarity building or repairing electronic hardware would be a plus.

**COVID-19:** ABQMR requires all employees to be fully vaccinated against COVID-19.

**Work Environment and Benefits**
- Highly collaborative work environment.
- The work atmosphere is academic in style and informal.
- Generous vacation policy and benefits.

**About Albuquerque**

Albuquerque, NM is a city of 600,000 and has a distinctly southwestern US flavor with a lively cultural scene from theatre and music to craft brewing. Mountains are in every direction, with chances for rock climbing, biking, skiing and hiking.

To apply, please send CV and a letter of interest to Hilary Fabich at h.fabich@abqmr.com