Omneuron
99 El Camino Real
Menlo Park, CA 94025
650 585-5301
www.omneuron.com

THREE NIH-FUNDED RESEARCH POSITIONS AVAILABLE IMMEDIATELY:

1. Research Scientist (PhD or Post-Doctoral): Functional Neuroimaging
2. Research Associate: Functional Neuroimaging
3. Research Scientist (PhD or Post-Doctoral): Computational Neuroscience, Quantitative Neuroimaging

Omneuron 3T MRI Research Center, Menlo Park/Palo Alto, CA, USA
Group Principal Investigator: Christopher deCharms

Why Consider a Career at a Start-Up?
This position might be a good fit for you if the following things are important to you:

- Using scientific research make a practical difference in the world through technology applications, in addition to advancement of knowledge
- Working with a cutting edge new technology for visualizing and changing brain activation (see publications on our website)
- Secure NIH funding through a number of current and already awarded grants
- The ability to get experiments done extremely quickly, largely unlimited by institutional constraints, resource constraints, or lack of scan time access (since our team has an on site GE 3T scanner)
- Fun team of people to work with, living in the San Francisco Bay Area
- Encouragement to publish research results and present at scientific meetings
- No requirements for teaching
- Collaboration with leading academic research teams
- To answer a question we are often asked: the majority of our team came directly from leading academic labs around the world; the kinds of research questions we are addressing and the experience of doing research within our team are very similar to doing research at leading academic settings focused on applied work

The Potential of Real Time Functional Brain Imaging
Today, it is possible for the first time to image the patterns of brain activation taking place in real time during cognitive processes and disease treatment. Functional imaging has had a dramatic impact on brain research, but to date has had very limited application beyond the research setting. Recent advances in functional neuroimaging have the potential to open up a whole new field in the diagnosis and treatment of CNS disease. Over the past two decades, anatomical MRI has grown rapidly from being a newly developed technology to being a vital diagnostic tool applied in more than 100 million procedures per year. Many people foresee rapid future development of the new clinical field of functional brain imaging.

Omneuron
Headquartered in Menlo Park, California, Omneuron is an exciting, well-funded startup that is defining the new clinical field of therapeutic and diagnostic uses for functional brain imaging, and particularly for real-time fMRI. The company's focus is to apply this new technology to a variety of clinical research goals including pain, addiction, and other psychiatric and neurological indications.

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Responsibilities

These positions are available immediately base upon funding through several NIH grants. Primary responsibilities will be to conduct and analyze real time fMRI experiments, and to develop quantitative methodologies to implement novel functional MRI approaches. Particular focus areas are pain, substance abuse and craving, and pattern classification in real time using fMRI data. Technical creativity and the analytical ability to develop new methods and approaches are critical.

Requirements

- Background: cognitive neuroscience, biomedical engineering or appropriate related fields
- Strong performance: one of the leading researchers at your experience level
- Productive: the person who gets things done
- Strong on interpersonal skills: ability to work independently and in teams
- Well-organized: detail-oriented with effective verbal and written communication

Further Requirements for Research Scientist Level Positions

- Ph.D. and or post-doctoral experience
- Extensive experience with functional MRI and/or PET imaging
- Detailed knowledge of technical aspects of MRI scanning preferred
- Experience or interest in working with patients for clinical trials
- Ability to work productively in a fast-paced collaborative team environment

Further Requirements for Computational Neuroscience Position

- Proven record of developing and implementing quantitative methodologies
- Experience with pattern classification highly desired

The company is willing to consider candidates across the nation and will pay relocation costs.

Contact Information

Please forward a cover letter and resume/CV to careers@omneuron.com by March 1, 2008. We will consider further applications in the future as additional positions become available.