The Lise Meitner Group for Environmental Neuroscience at the Max Planck Institute for Human Development is seeking applications for a

Postdoctoral Research Position
(E 14 TVöD; 39 hours/week)

Funding for the postdoctoral position is available for up to 24 months. The position is available from May 1, 2019 or later.

Job Description

The Lise Meitner Group for Environmental Neuroscience (PI: Prof. Dr. Simone Kühn) investigates how the physical environment affects the individual. We conduct research focusing on the question whether and how the external environment (e.g. natural landscapes vs. cities) impacts on brain plasticity as well as on behavior using methods of functional and structural magnetic resonance imaging, representational similarity analysis, georeferencing and image analysis of photographs. We are also planning to use near infrared spectroscopy (NIRS) in the field. By providing a better understanding and quantification of the relationship between the environment and the brain, we hope to influence the designing of physical environments in ways that will optimize well-being and cognitive functioning as well as human mental and physical health.

We have access to a research-only 3T MR scanner. Our research group is located at the Max Planck Institute for Human Development (MPIB) in Berlin with an international working atmosphere. No German language is required for working at the MPIB. In addition, a large community of Berlin neuroscientists provides great opportunities for scientific exchange. For informal inquiries and further information, please contact: Prof. Dr. Simone Kühn (kuehn@mpib-berlin.mpg.de).

Requirements

We are searching a postdoc with a strong interest in the environmental psychology/neuroscience. A successful applicant needs to hold a doctoral degree in psychology, cognitive neuroscience, or related fields. Applicants should have a solid background in structural and functional MRI, experience with conducting experimental research, and documented skills in the analysis of structural and functional MRI data as well as programming skills (e.g. Matlab/R/Python/shell). Prior experience with representational similarity analysis, pattern classification, georeferencing or image analysis would be helpful same as prior hands-on knowledge of NIRS. In addition, the ability to work independently as well as a high proficiency of the English language is required.
The Max Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals.

The Max Planck Society strives for gender and diversity equality. We welcome applications from all backgrounds.

To apply, please send (as ONE FILE and via email) a statement of research interests, a CV, a copy of relevant certificates, (p)reprints of two publications, and a list of two references, without photo, to Prof. Dr. Simone Kühn, MPI for Human Development, Lentzeallee 94, 14195 Berlin (kuehn@mpib-berlin.mpg.de) by March 15, 2019.

Signed Dr. Brigitte Merz