

Professor **Brett Clementz** and Professor **Jennifer McDowell** both work at the Department of Psychology, University of Georgia, Athens, USA. Zukunftskolleg alumna Johanna Kißler nominated them for a Senior Fellowship.

Brett Clementz is currently a Full Professor of Psychology and Neurosciences at the University of Georgia. In the year 2000, he was already a visiting professor at the Department of Psychology, the University of Konstanz. Brett Clementz' prime scientific interest lies in examining the neuronal basis of basal attention processes and executive control as well as their disorders in schizophrenia and other neurological and psychiatric disorders, in old age, as well as under social pressure. In 1997, Brett Clementz received the respected Early Career Achievement Award of the Society for Psychophysiological Research for his work on the neuronal and genetic bases of schizophrenia. Furthermore, he was chosen for the 'Essel Investigator Award' of the National Alliance for Research on Schizophrenia and Depression in 2001.

Brett Clementz has published numerous articles in renowned journals and is co-editor of the International Journal of Psychophysiology. Methodologically, Professor Clementz works mainly with electroencephalography (EEG) and magnetoencephalography (MEG). The shared goal for his stay in Konstanz is to further advance the development of the multimodal integration of various brain imaging methods.

Jennifer McDowell is Associate Professor of Psychology and Neuroscience at the University of Georgia. Her prime research field is the functional anatomy of the oculomotor system, in general and its changes in schizophrenia and in relatives of schizophrenic patients as a genetic marker and endophenotype, in particular. Her primary research method uses functional magnetic resonance imaging (fMRI) as well as the measurement of eye movement parameters.

Professor McDowell is the author of numerous publications in this thematic area. A more recent research field deals with the effects of physical fitness training on the cognitive performance of children. Jennifer McDowell's Expertise in the field of fMRT research, in particular, is remarkable and will be the key object of the aspired collaboration with the scientists from Konstanz.