Thursday, January 28th, 2pm ET
Presentation in Zoom, accessible via the C-STAR website:
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Using Magnetoencephalography (MEG) to Understand Post-Stroke Cognitive Processing Deficits: Implications for Prognosis and Treatment

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Planning, acting, and communicating can be impaired following even small strokes. Stroke survivors commonly report difficulty with concentration, attention, and multi-tasking, even when they don't have severe strokes causing aphasia or hemiparesis, and these deficits prevent them from returning to their previous home and workplace environments. Past studies have documented post-stroke cognitive dysfunction in individuals with minor stroke, but elucidating the risk factors, natural history, and underlying pathophysiology explaining how a small lesion can cause such significant problems is less clear. This presentation will provide an overview for difficulties with processing post-stroke, focusing specifically on those who appear otherwise "normal". We will explore how functional imaging techniques such as magnetoencephalography (MEG) may provide insight into the pathophysiology behind these deficits, and the implications for designing therapies to decrease post-stroke morbidity in a population with tremendous potential for improvement.

The online lecture can be followed online from your computer, tablet or smartphone, in **Zoom**.
The zoom link is accessible via the C-STAR website: http://cstar.sc.edu/lecture-series/

For more information, or to be added to the C-STAR mailing list, contact Dirk den Ouden:
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