

Thursday December 2nd, 12pm (noon) ET
Presentation in Zoom, accessible via the C-STAR website:
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Intracranial electrophysiology of speech perception and production

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For many decades, the neurobiological basis of language has been dominated by a conceptually dichotomous model in which speech perception is supported by Wernicke's area in the temporal lobe and speech production is supported by Broca's area in the frontal lobe. This model has been challenged by lesion and neuroimaging studies suggesting a more complex network of cortical structures supporting language. Many of the questions remaining in the field require a fine-grained temporal resolution together with spatial specificity in order to assay the dynamics of speech. Here I will introduce a series of studies employing direct electrocorticographic (ECoG) recordings in humans, illuminating the dynamics and cascade of neural events from perception to production of speech.

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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