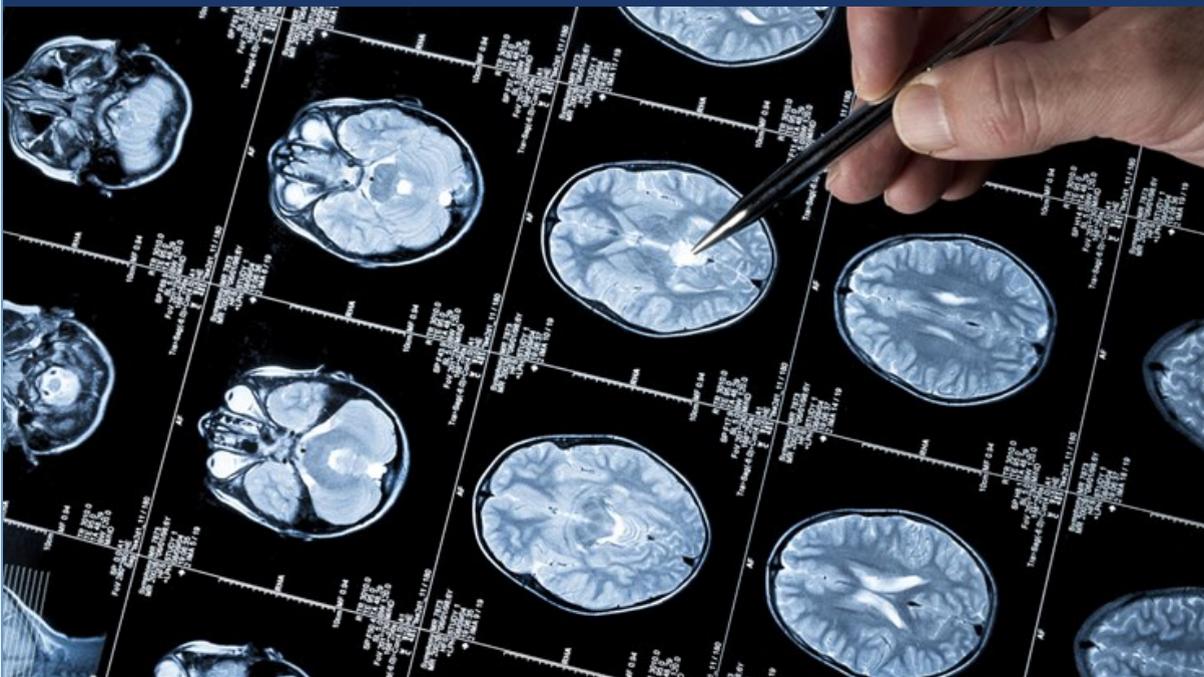


# Alzheimer's Disease Research Center (ADRC)



## Fall/ Winter Newsletter

The Yale Pepper Center Research Education Core & The Alzheimer's Disease Research Center held a research retreat on Tuesday, December 3, 2019 at the Quinnipiac Club in New Haven. The next several newsletters will feature highlights of some of these presentations.

## Alzheimer's Disease Research Center Day

Presenters included: Le Zhang, PhD; Carolyn Fredericks, MD; Morgan Levine, PhD; and Pallavi Gopal, MD

## "Intrinsic connectivity networks in posterior atrophy: A role for the pulvinar?"

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Posterior cortical atrophy is a less common form of Alzheimer's disease in which, instead of having severe difficulties with memory, patients struggle most with navigation and spatial reasoning. Dr. Carolyn Fredericks, Assistant Professor of Neurology, recently looked at functional networks in the brain that are abnormal in patients with posterior cortical atrophy providing clues as to why these individuals have relatively preserved memory despite their spatial symptoms, and also why they might have more symptoms of anxiety and depression. Hopefully a better understanding of these less common Alzheimer's variants will both help patients with these variants and will enhance our overall understanding of how Alzheimer's affects functional circuits in the brain.

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Clusters shown represent the union of brain regions showing increased connectivity for posterior cortical atrophy versus healthy controls: A) salience network and medial pulvinar B) default mode network and lateral pulvinar C) default mode network and medial pulvinar and D) salience network and lateral pulvinar (red areas = intersection).

[Text Link](#)

Thank for your interest in the Yale ADRC. For more information on our studies or to participate in studies please call or visit our website.

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