

# Resource Summary Report

Generated by [dkNET](#) on Apr 27, 2025

## Layton Center NeuroImaging Laboratory

RRID:SCR\_008823

Type: Tool

### Proper Citation

Layton Center NeuroImaging Laboratory (RRID:SCR\_008823)

### Resource Information

**URL:** <http://www.ohsu.edu/xd/research/centers-institutes/neurology/alzheimers/research/data-tissue/neuro-imaging.cfm>

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**Description:** NeuroImaging laboratory focused on detecting early brain changes associated with cognitive decline and dementia that manages the neuroimaging component of all studies at the Layton Aging and Alzheimer's Center including acquisition and archival services, as well as volumetric analysis of anonymized MRI scans. Assistance with resulting data is also available, including statistical analysis, and preparation of materials for presentation and publication. The Layton Center also manages a library of thousands of digitized MRI scans, including what is believed to be the largest collection of longitudinal MRI scans of cognitively intact elderly subjects. The OADC Neuroimaging Lab conducts MRI studies on both 3 and 7T MRI systems using advanced sequences, employing a multimodal approach to brain imaging research.

**Synonyms:** Layton Aging and Alzheimer's Center NeuroImaging Laboratory, Layton Aging & Alzheimer's Disease Center Neuro-Imaging Lab, Layton Aging Alzheimer's Disease Center Neuro-Imaging Lab, Layton Center Neuro-Imaging Lab, Layton Aging and Alzheimer's Disease Center Neuro-Imaging Lab, Layton Aging and Alzheimer's Center Neuro-Imaging Lab

**Resource Type:** service resource, portal, data analysis service, data or information resource, laboratory portal, image collection, organization portal, production service resource, analysis service resource

**Keywords:** normal, mri, magnetic resonance imaging assay, neuroimaging, brain, longitudinal, late adult human

**Related Condition:** Aging, Alzheimer's disease, Cognitive decline, Cognitively intact, Dementia

**Funding:** NIA

**Resource Name:** Layton Center NeuroImaging Laboratory

**Resource ID:** SCR\_008823

**Alternate IDs:** nlx\_144447

**Record Creation Time:** 20220129T080249+0000

**Record Last Update:** 20250426T060044+0000

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## Ratings and Alerts

No rating or validation information has been found for Layton Center NeuroImaging Laboratory.

No alerts have been found for Layton Center NeuroImaging Laboratory.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#).

Crespi S, et al. (2011) Spatiotopic coding of BOLD signal in human visual cortex depends on spatial attention. PloS one, 6(7), e21661.