

NACC update

ADC Directors Meeting
Los Angeles CA
April 21, 2018

Walter A. Kukull, PhD, FAAN
Director

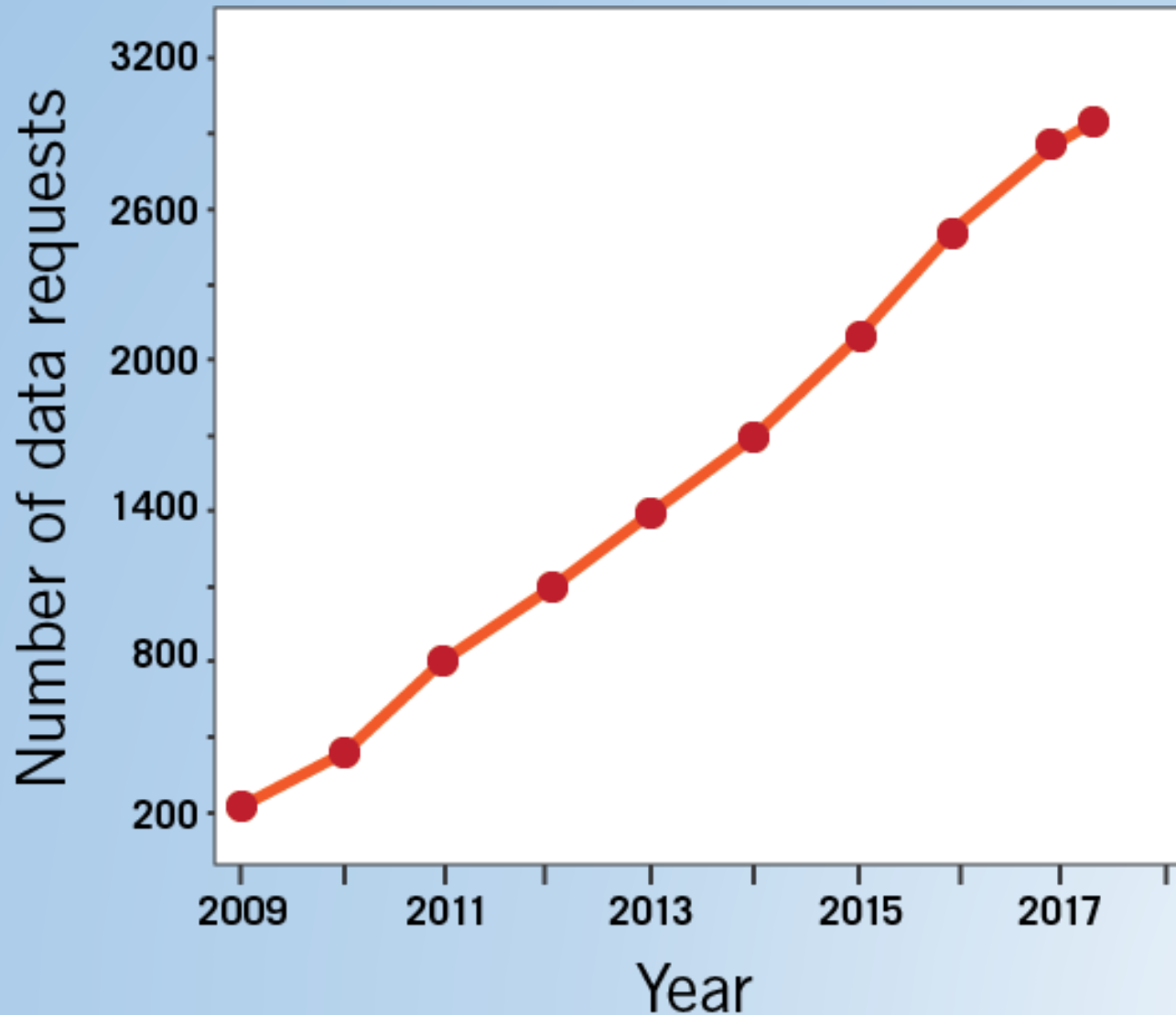


NACC data totals as of March 1, 2018

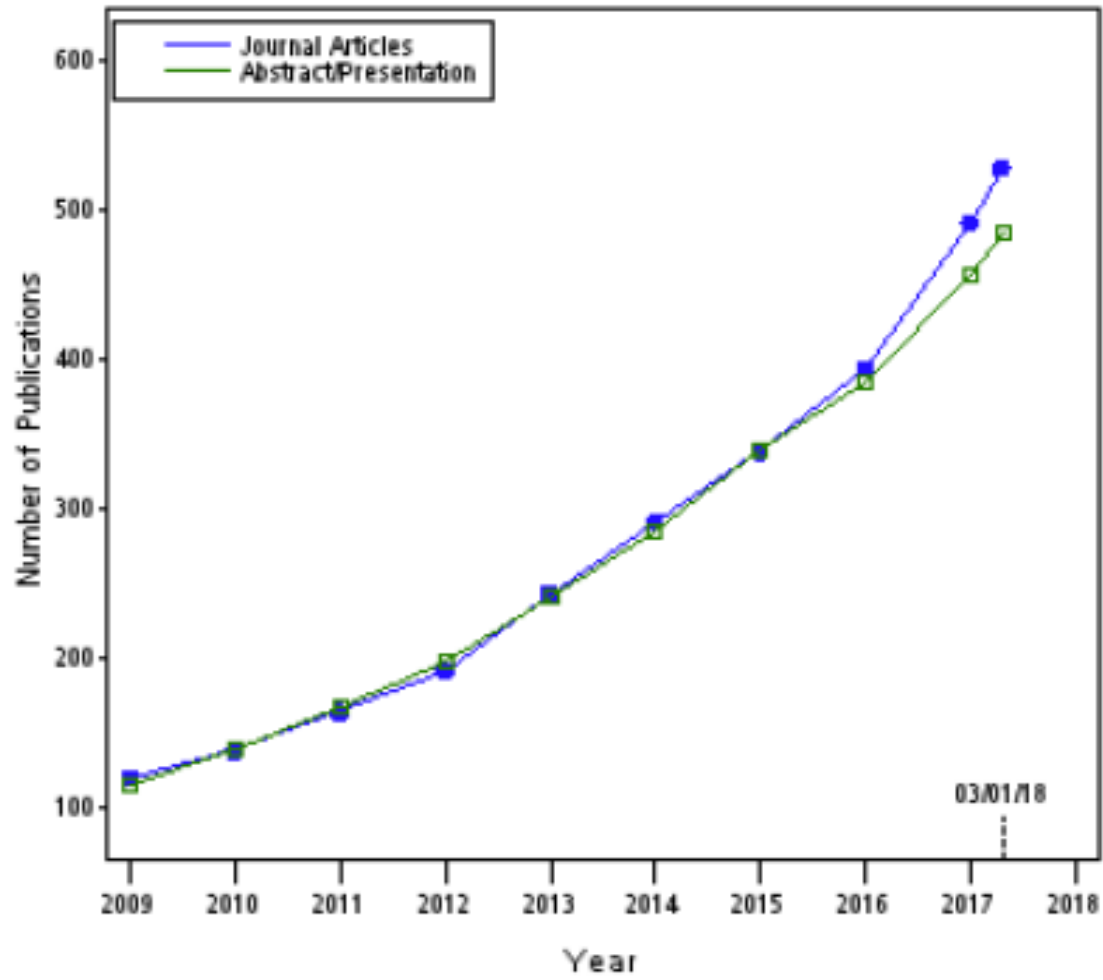
Total UDS subjects: 37,568 (128,442 visits)

Type of data	# of UDS subjects
Neuropathologic data	5,135
FTLD Module data	1,324
LBD Module data	10
MRI	4,616
Amyloid PET scans	370
CSF tau or A-beta values	1,100
DNA available at NCRAD	23,381
Genomic data at ADGC	13,180

Cumulative data requests



Cumulative publications



NACC data in high-impact journals

In the past 15 months, articles that use the NACC database appeared in the following high-impact journals (not counting ADGC driven articles):

JOURNAL	# PUBLISHED
Alzheimer's & Dementia	2
Neurology	3
JAMA Neurology	4
Lancet	1
Lancet Neurology	1
Annals of Neurology	2
Neurobiology of Aging	3
Journal of the American Geriatric Society (JAGS)	5
Neurobiology of Aging	3

New initiatives

- **Imaging:** 4616 subjects with 6582 scan sessions Increased capacity to receive, clean, and store MRI DICOM; positionly constant NIfTI files created for each scan; cloud storage for ease of download; now receiving PET images from Centers;
 - NIA, ADC Imaging Committee, (Dr Jagust, Chair; meeting yesterday.)
- **Biomarkers Project** (Dr Galasko, Chair; meeting yesterday) Focus on CSF biomarkers with Roche kits, also involving UPenn (Dr Shaw) and NCRAD (Dr Foroud) and ADCs
- **China project:** UDS3 now translated into Chinese with aim of administering UDS in four AD centers in China and transferring data to a NACC-like coordinating center in China; Initial pilot and training underway
- **Collaborations:** ARMADA, LEADS, ARTFL/LEFTTDS, DLBC, others pending(?)

New Initiatives

- **New Investigator Award:** Provides increased funding, longer project time line, ability to broaden scope and impact of research (replaces JI and Collaborative)
- **LBD Module** implemented and now collecting data (Dr James Galvin,chair)
 - **DLBC study** (Dr Leverenz)
- **Spanish translation:** UDS now available to Centers in its entirety in Spanish; also available for use in other countries (thanks to Dr Katya Rascovsky, UPenn)
- **Neuropsych norms published:** Dr Sandra Weintraub and colleagues have published norms for the UDS3 neuropsychological battery
- **Neuropathology Resources Catalog:** simple summary of tissue potentially available at Centers (Neuropathology Core leaders exec committee)