

# NACC update

*...understated  
elegance*



ADC Directors Meeting  
16 April 2016  
Vancouver, B.C.

# NACC cast of characters

- Charles Mock
- Andrew Zhou
- Maggie Dean
- Elizabeth Robichaud
- Lilah Besser
- Merilee Teylan
- Simone Wilk
- Nicole Barlow
- Duane Beekly
- Mark Bollenback
- George Thomas
- Joylee Wu
- Mary Jacka
- Janene Hubbard
- Linbo Wang
- Willa Brenowitz

# The NACC database: total subjects

Clinical data available	NP data records avail.	Total subjects
Subjects in MDS* only	11,014	66,053
Subjects in UDS**	4,058	34,456
<b>Total</b>	<b>15,072</b>	<b>99,509</b>

Numbers as of the March 1, 2016 data freeze

**\*MDS reflects ADC enrollment 1984 – 2005**

**\*\*UDS reflects ADC enrollment September 2005 – present**

*Note: Subjects in the MDS were brought into the UDS if they were active and met the ADC's inclusion criteria. As a result, some subjects are in both the MDS and the UDS.*

# UDS 3 summary

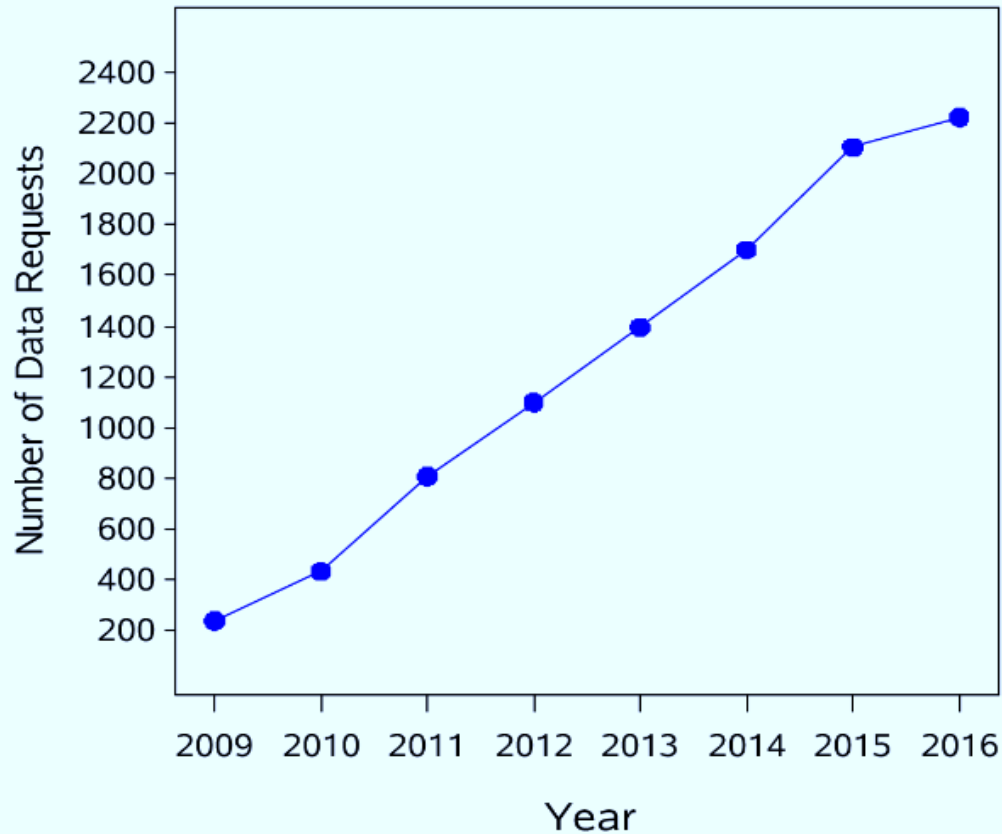
	Initial	Follow-up
<b>Number of unique subjects . . .</b>		
. . . in Working Database (as of 4/13/2016)	223	1,063
. . . in Current Database (as of 4/13/2016)	974	5,407
. . . in Frozen Database	845	4,778
<b>Number of Centers . . .</b>		
. . . submitting UDS3 data		27
. . . using Form C1 (UDS2) version of neuropsych battery for follow-up visits		11

# UDS 3: unique subjects cognitive status and neuropsychological battery

	Normal cognition N	MCI N	Dementia N	Impaired, No MCI N	Total N
Form C1	542	101	174	22	839
Form C2	2,370	689	890	217	4,166
Telephone packets	158	45	397	18	618
<b>Total</b>	<b>3,070</b>	<b>835</b>	<b>1461</b>	<b>257</b>	<b>5623</b>

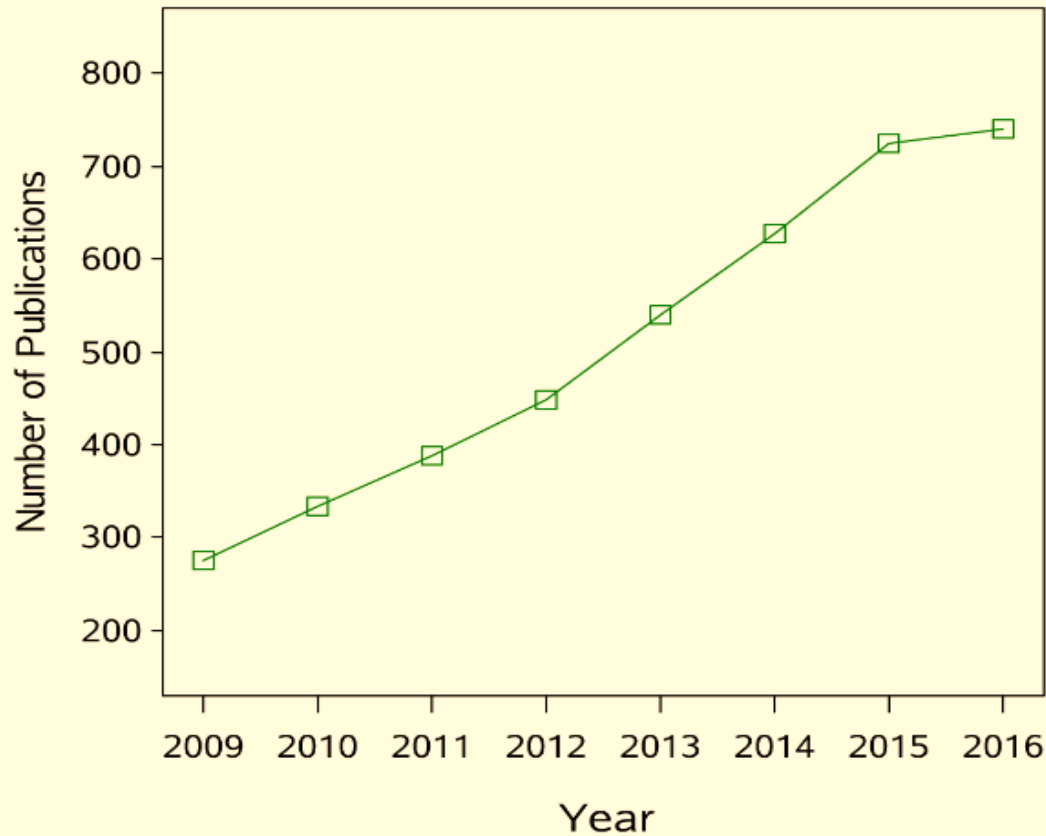
# Data Requests Processed

Cumulative Data Requests by year



# Publications

Cumulative Publications by year



# Special initiatives – MRI

*...And Kansas sent us some PETs*

	Number	Centers participating
Unique Subjects with $\geq 1$ scan session	2,264	13
Number of MRI scan sessions	3,064	
Sessions with $\geq 1$ sequence/types:		
T1	2,946	
T2	979	
Flair	2,523	
DTI	1,782	
Other scan types (DWI, other)	418	
Unique subjects with $\geq 2$ sessions	480	
Sessions with Calculated Volume data	1,971	

Numbers as of April 12, 2016



# **ADGC, NCRAD, NIAGADS and the all the Alzheimer's Disease Centers**

- Great collaboration and coordination with NACC
- Pushing forward genetics/genomics
- You will hear more from the leaders

# The NACC-funded projects

- 8 Big Collaborative applications
- 11 Jr. Investigator applications
- Scientific review committee met in Feb.
- Steering committee discusses today
- Results will be sent after we return to NACC.

*Cooperation Conference of National Alzheimer's Coordinating Center and China Academy of Chinese Medical Sciences*  
美国老年痴呆病协调中心与中国中医科学院合作项目讨论会



**Visits to China: UDS cross-cultural studies**

# Special initiatives – CSF and FTLD Module

	Number	Centers participating
<b>CSF data values</b>		
CSF A $\beta$	731	3
CSF P-tau	717	
CSF T-tau	728	
<b>FTLD Module</b>		
In current (freeze) database	1,195	20
In working database only	58	11

Numbers as of March 1, 2016 data freeze

# Other initiatives

- Computerized Assessment Battery
  - Jessica Langbaum, Chair
  - NIH Toolbox
- DLB Module
  - Jim Galvin, Chair
- Spanish Translation of UDS 3
  - Katya Rascovsky, Chair
  - Pilot testing underway
- Center Resources (specimens, imaging etc available on UDS subjects at your Center); a “virtual repository”
  - Too many successes would just spoil us.