

NACC Computing

Duane Beekly

Mark Bollenbeck

Janene Hubbard

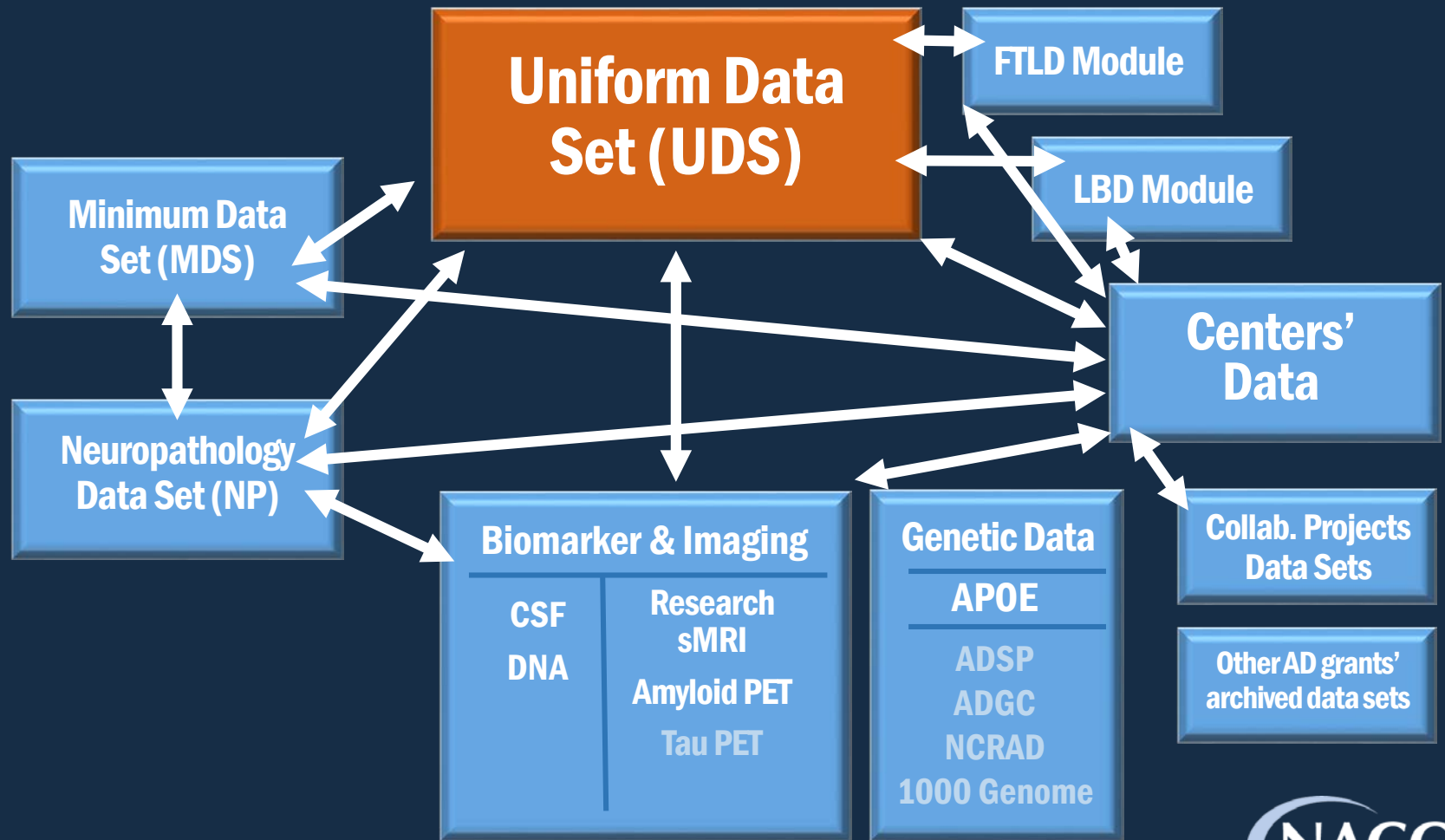
Mary Jacka

Kristen Schwabe-Fry

George Thomas

Joylee Wu

The NACC Database



What's New

- **LBD Module**
- **Spanish Forms**
- **Toolbox (Armada)**

The NACC Submission System

UDS

NACC UDS Submission Systems

Sample Center

For data cores and data managers

UDS·FTLD·LBD

Data submission for
Uniform Data Set and the
FTLD and LBD Modules

initial and follow-up visit packets

For imaging cores and laboratory personnel

CENTER RESOURCES*

Clinical specimen records

Data on banked blood fractions, CSF,
DNA, and cells for UDS subjects

Neuroimaging records

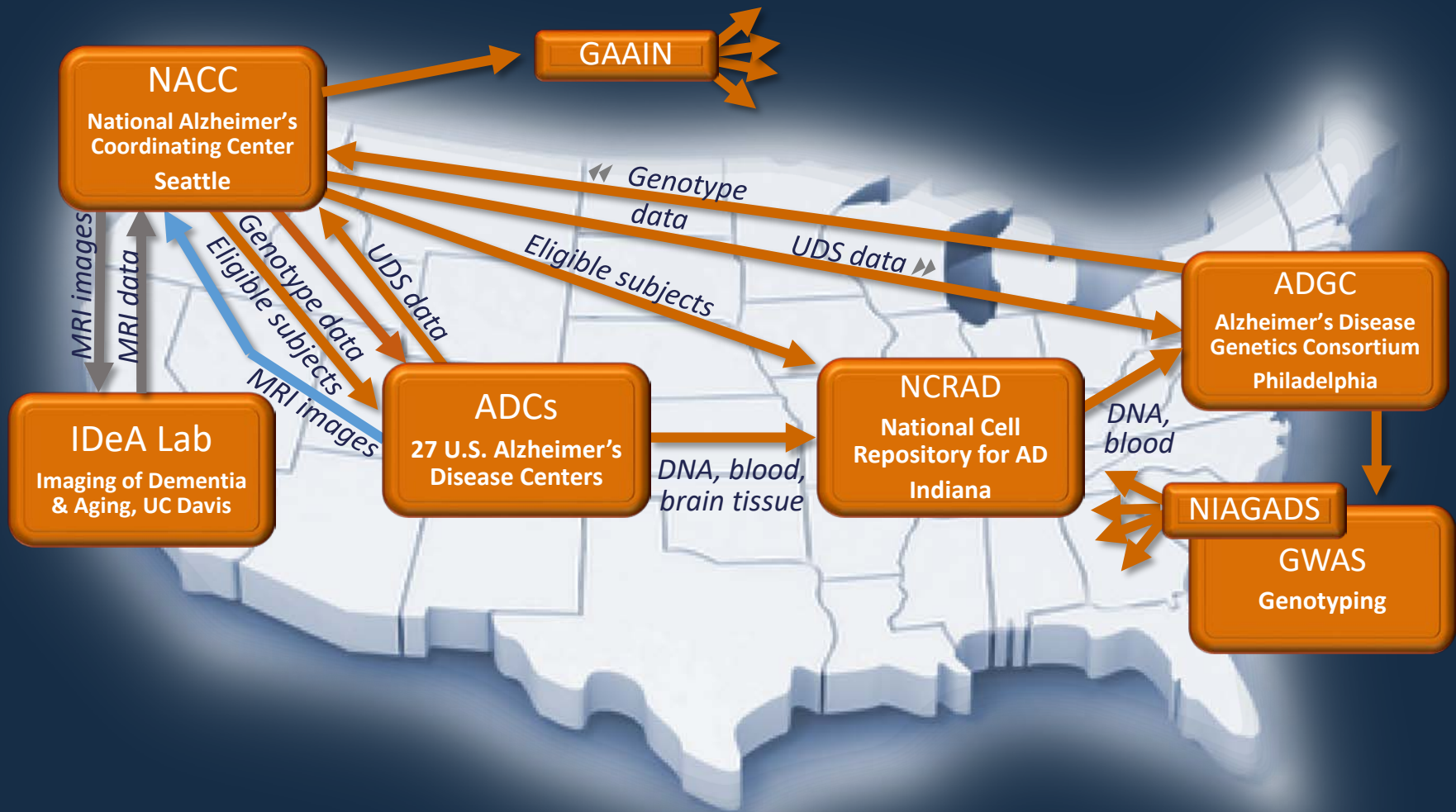
Data on MRI, PET, CT and SPECT
acquisitions for UDS subjects

*Acquisition and availability data only

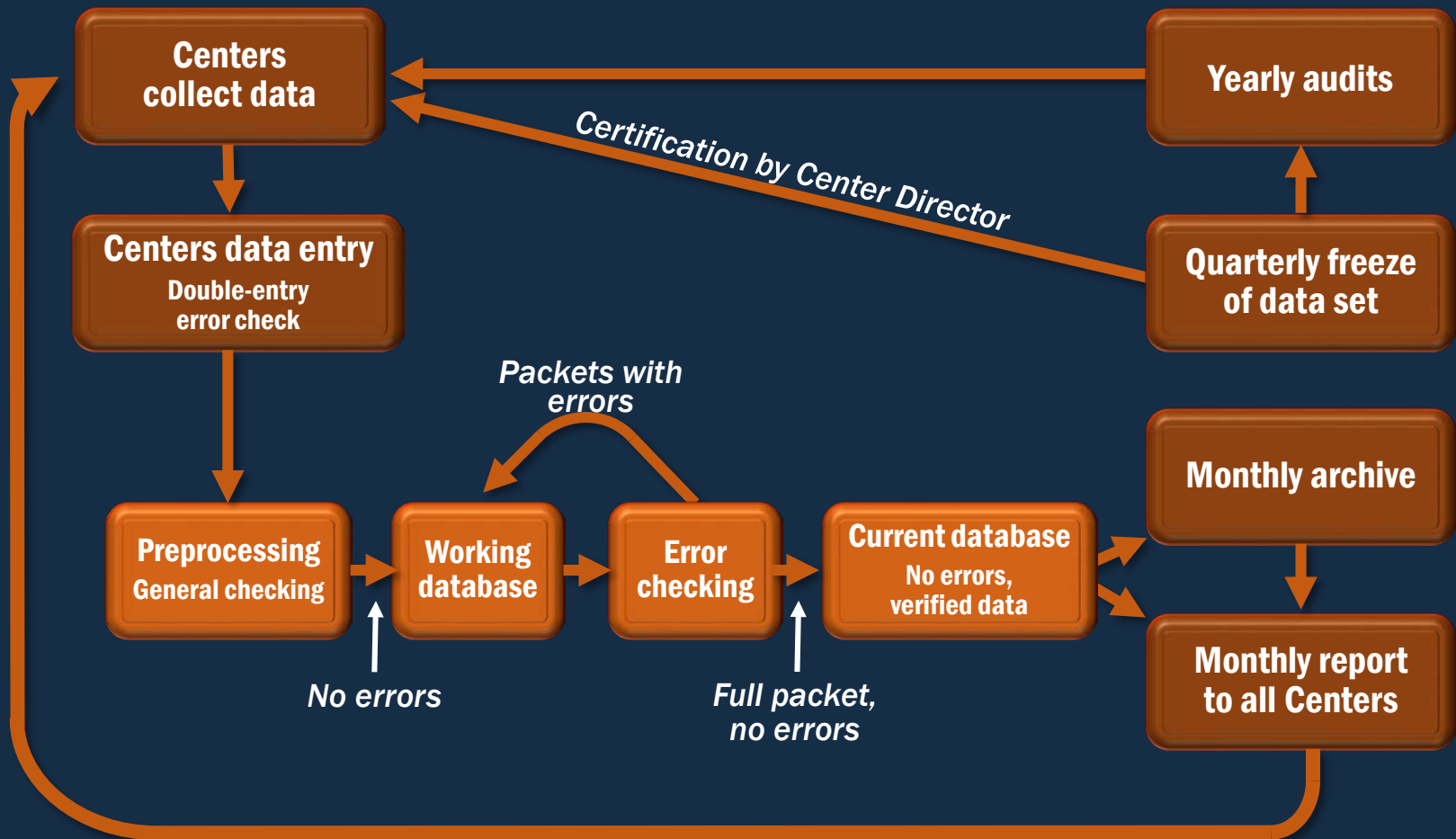
UDS as of September 1, 2017

Total Initial Visits	36,327
Total In-Person Follow-ups	79,728
Total Telephone Follow-ups	7,388
Total Neuropathology Forms	4,819
FTLD Module Completed	1,517

NACC data connections



The NACC QA system



NACC Imaging submission



MRI Scans as of September 1, 2017

Total Image Files	5,923
Unique IDs	4,139
T1 Scans	5,215
T2 Scans	1,925
Flair Scans	3,989
DTI Scans	2,301
DWI	676

19 Centers have submitted MRI Scans!

NACC's query system

NACC The NIA Alzheimer's Disease Centers Program
National Alzheimer's Coordinating Center
 RESEARCH | DATA | CONSULTATION | COLLABORATION
 NACC HOME ABOUT NACC CONTACT US SEARCH: For researchers & authors More information
 Request NACC data Forms & documentation
 Researcher home About NACC data Interactive tools Web-based query system
 NACC Researcher Home >> Interactive tools & tables >> Web-based query system

WEB-BASED Query system

With NACC's direct query system, you can determine quickly whether NACC is likely to have subjects you're looking for in numbers sufficient to address your research question. Please note that these should be used only as rough, preliminary numbers. **For publication purposes, please make a custom data request.**

Many data elements used in NACC's direct query system are derived or calculated variables that describe a combination of data elements taken directly from the UDS forms (e.g., "Age at initial visit" is derived from the subject's birth year and month and the date of the initial UDS visit).

This diagram illustrates the relationships among the Uniform Data Set (UDS), NP Data Set, and FTLD Module, as well as the relative numbers of subjects. Not shown: the Minimum Data Set (MDS).

1=UDS
 2=NP
 3=UDS+NP
 4=UDS+FTLD
 5=UDS+NP+FTLD

PLEASE MAKE YOUR SELECTIONS from the table below. Note that some variables are available only as a row option or only as column. After making your selections, click "SUBMIT" to continue.

	Available as:	ROW	COLUMN	PAGE
+ Subject's follow-up characteristics				
UDS visits completed		☐	☐	☐
+ Subject demographics				
Age, initial visit		☐	☐	☐
Age, most recent visit		☐	☐	☐
Sex		☐	☐	☐
Race		☐	☐	☐
Hispanic ethnicity		☐	☐	☐
Primary language		☐	☐	☐
Education		☐	☐	☐
+ Clinical Dementia Rating (CDR)				
Global CDR, initial visit		☐	☐	☐
Global CDR, most recent visit		☐	☐	☐

Query system output

NACC Query System: UDS Subjects

NOTE: This query used versions 1-3 of UDS data

UDS visits completed (ROW) by Global CDR, most recent visit (COLUMN)

UDS visits completed	Global CDR, most recent visit					All
	No impairment	Questionable impairment	Mild impairment	Moderate impairment	Severe impairment	
1 visit	3085	3794	2059	1097	722	10757
2 visits	1963	1812	1146	815	519	6255
>=3 visits	6856	4190	2249	2007	2012	17314
All	11904	9796	5454	3919	3253	34326

Row data from NACC derived variable [NACCAVST \(categorized\)](#)

Column data from UDS form B4, question 8, most recent visit

Created on November 1, 2016

Data as of September 1, 2016

www.alz.washington.edu

New Query>>>

NACC's MRI Selection Preview System

MRI Selection Preview System

With NACC's MRI selection preview system, you can download a sample of up to 10 image files from UDS participants that meet the criteria you define — criteria based on MRI image type, or UDS clinical characteristics of the participants, or both. Along with the sample images, you will also be given a rough estimate of the number of MRIs that meet your criteria.

Please note that the sample images and estimated totals supplied by the MRI selection preview system are **not suitable for data analysis or publication**. When you are ready to download images for analysis and publication purposes — or if your inquiry requires more detailed information — please submit a [custom data request](#).

PLEASE MAKE YOUR SELECTIONS from the table below. You may specify any of the eight criteria. If no selection is made for a given criterion, the system defaults to include **ANY** of the options listed for it.

SCAN TYPE	☒ Any ☐ T1 ☐ T2 ☐ DTI ☐ Flair ☐ DWI
MAGNETIC FIELD STRENGTH	☒ Any ☐ 1.5 ☐ 3
SEX	☒ Any ☐ Male ☐ Female

The future

- Cloud
- More Biomarker collection
- Better inventory system
- Web site analysis
- Toolbox
- Connections with other data centers

The End

Thank you!

Contact NACC at Email: naccmail@uw.edu

Phone: 206-543-8637

Web Site: <https://www.alz.washington.edu>