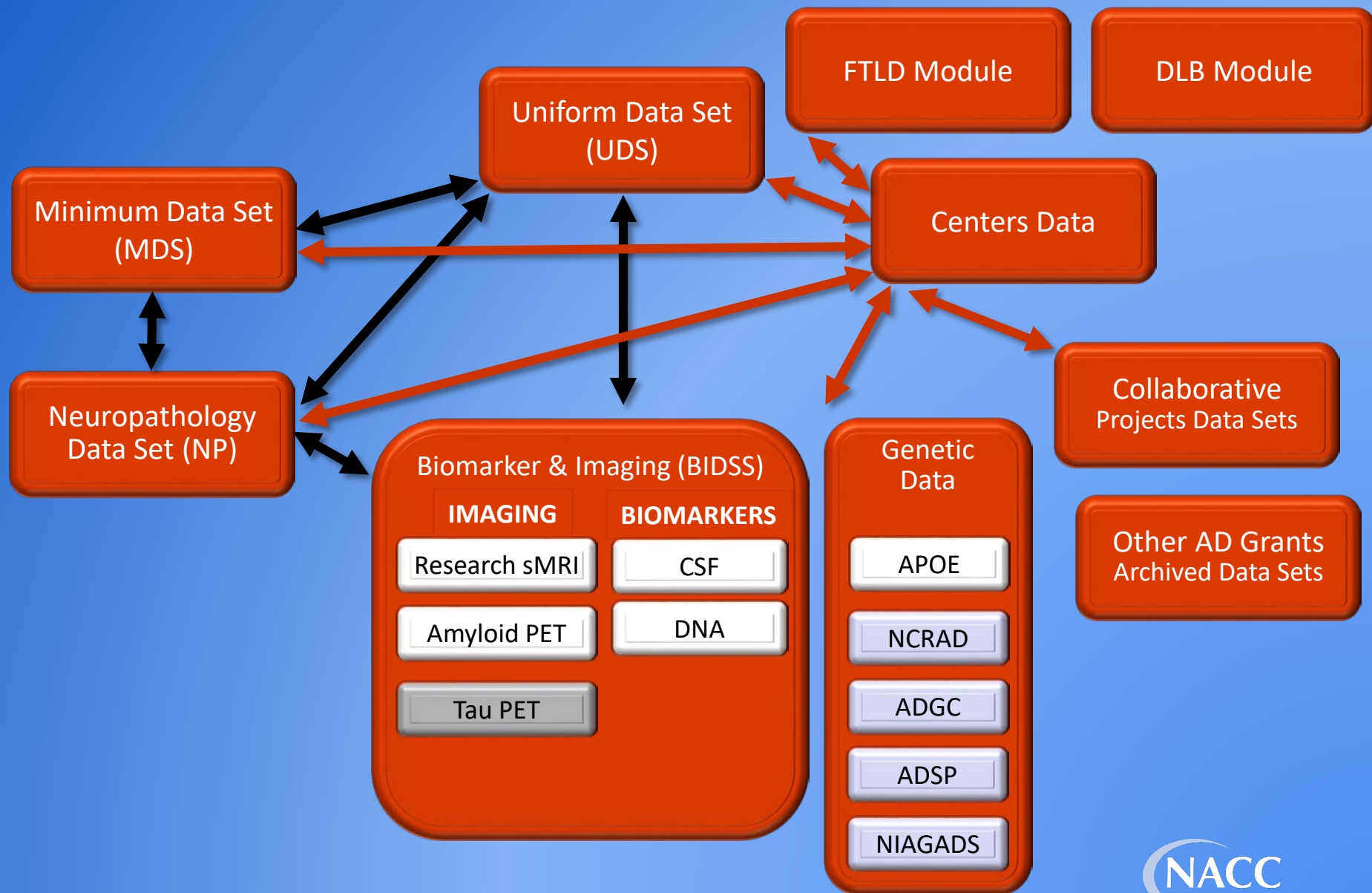


NACC: Data and Computing

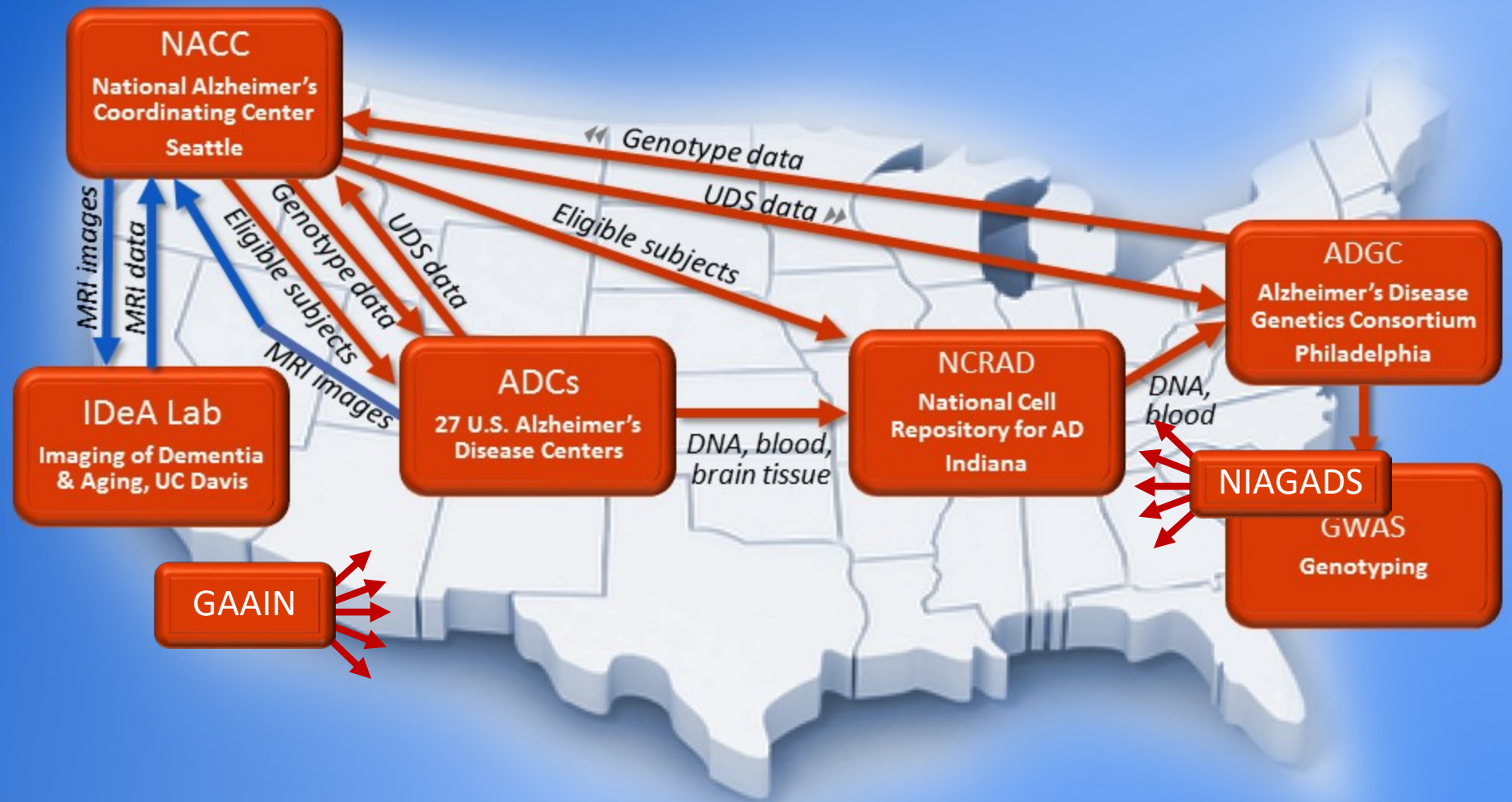


Supported by Grant U01 AG016976 from the
National Institute on Aging

The NACC database



NACC data connections



The UDS as of September 1, 2016

Total Initial Visits	34,326
Total In-Person Follow-ups	73,003
Total Telephone Follow-ups	6,434
Total Neuropathology Forms	4,287
FTLD Module Completed	1,299

The UDS as of September 1, 2016

Normal	11,976
MCI	5,678
Demented	15,207
Impaired not MCI	1,465
Total	34,326

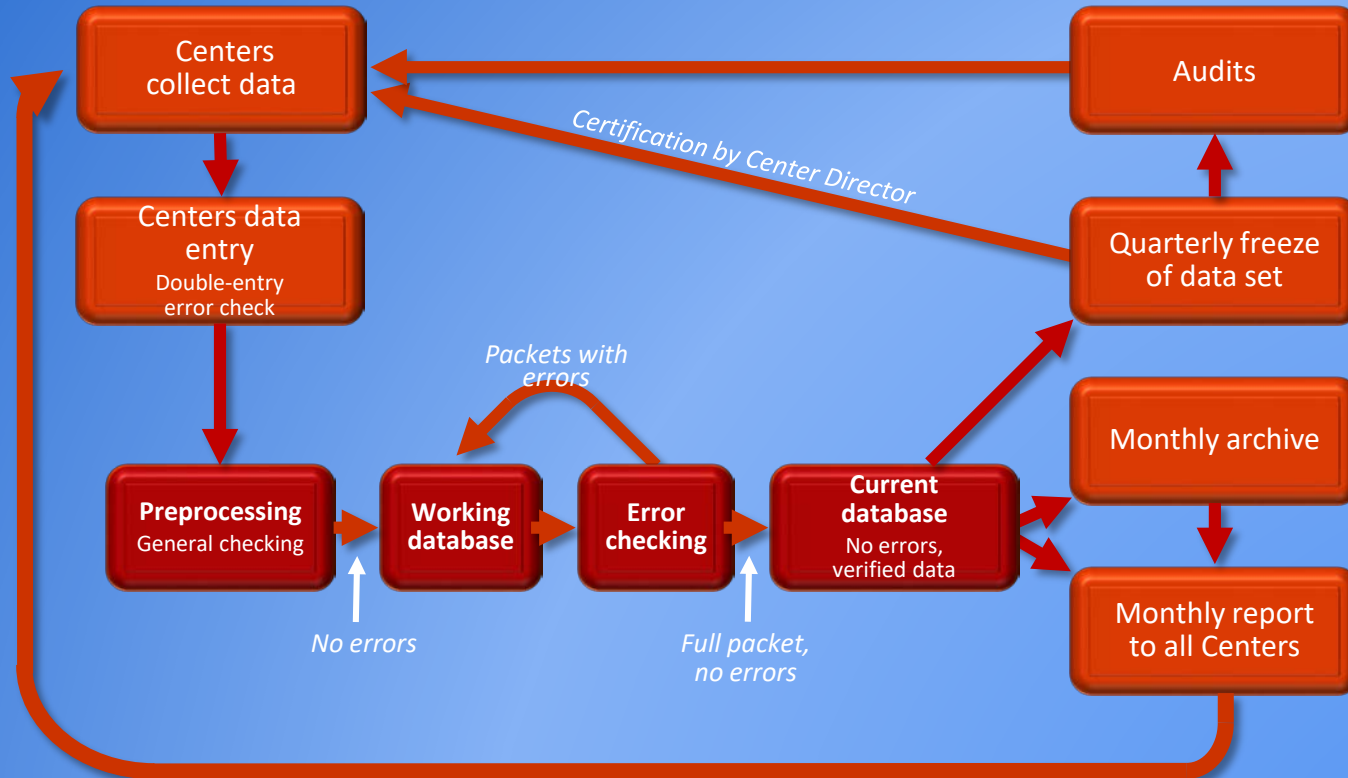
The UDS – Version 3 Packets

Initial	1,640
In-Person Follow-ups	7,620
Telephone Follow-ups	1,195

Quality Assurance

- Error Checking
- Monthly Reports
- Freezes and Certification

The NACC QA System



MRI Scan Totals as of September 1, 2016

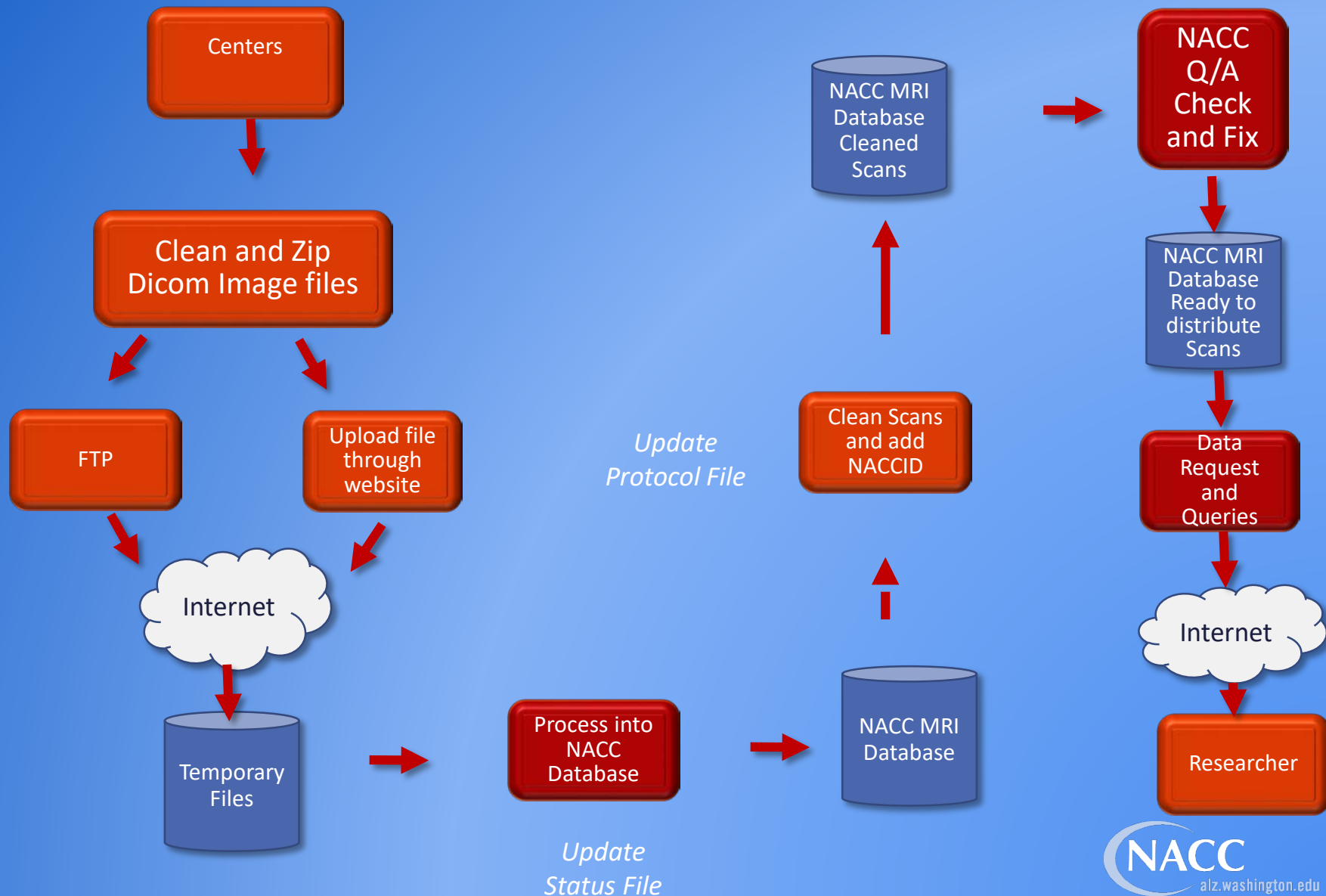
Total Image Files	4,638
Unique IDs	3,263
T1 Scans	4,024
T2 Scans	1,750
Flair Scans	3,078
DTI Scans	590
Other Scans	1,255

15 Centers have submitted MRI Scans!

Research structural MRI image data submission

- Submission of images and related data through website
- Data-cleaning program written in SAS
- Submission systems tailored to Centers' needs:
 - FTP sites
 - Upload one file or many files in one zip file
 - Tailored programs to process images into database

NACC MRI Submission



APOE data as of September 1, 2016

UDS IDs with recorded APOE at NACC	25,264
Total UDS IDs	34,326
Percent IDs with APOE	74%

More Biomarker Data

CSF	1,271	4
Amyloid PET Scans	137	1

Future

- DLB Module
- Biomarkers
- Improved query system
- Cloud

The End

- Thank you!
- Contact NACC at Email: naccmail@uw.edu
- Phone: 206-543-8637
- Web Site: <https://www.alz.washington.edu>