

# NACC News

---



ADC Directors Meeting  
Atlanta, GA  
20 Oct 2018

# FOA NACC “New Investigator” Awards (full instructions on NACC Website)

- November 19, 2018 Letter of Intent (optional)
- **January 21, 2019 Application due**
- \$135,000 (including IDC) funded in one year but may be used over two
- Post doctoral fellows or Assistant Professors (within 5 yrs of rank) who have not had an R01
- NACC data NOT “required”; NOT like previous multi-investigator “collaborative projects”
- Mentors and interactions with other ADCs advised
- Awardee is responsible for accomplishing Aims

# NACC-sponsored New Investigator projects funded in July 2018

- [Project #2018-NI-08](#) — Erin Boespflug, PhD, Oregon Health & Science University
  - **The intersection of amyloid and cerebrovascular pathology: The perivascular space**
- [Project #2018-NI-09](#) — Corey McMillan, PhD, University of Pennsylvania
  - **Primary age-related tauopathy: Epigenetic sources of resistance**
- [Project #2018-NI-13](#) — Erik Johnson, MD, PhD, Emory University
  - **A proteomic network comparison of autosomal dominant and sporadic Alzheimer's disease**
- **Fifteen others were received but not funded**

# NACC data, September 1, 2018

Total UDS participants: 38,836 (*134,068 visits*)

Type of data	No. of UDS participants
Neuropathologic data	5,433
FTLD module data	1,401
LBD module data	24
MRI scans	5,058 <i>(7275)</i>
Amyloid PET scans	416
CSF A $\beta$ or tau values	1,100
DNA at NCRAD	24,593
APOE genotype	28,450
GWAS at ADGC	13,187

# **BREAKING News:** Please attend NACC meeting at 1:30 for more info

- **“Quick Access Research File”** Includes UDS, Neuropathology, APOE data from latest freeze
  - Go to NACC website, submit brief description of Aims and sign DUA.
  - You will be directed to a secure site where you can download the files.
  - We still offer our usual consultation and *custom file* construction to match your research question, too.
- **NEW—Neuropathology and Biospecimen Resource Locator Tool**
  - online interactive search: disease, specimen, Center contact
- **Affiliated studies** (Centers R01 et al data for sharing)
  - If you send us “links” (back to you) we will post them

# NACC data group improvements

(details at 1:30 NACC meeting)

- Optional filtering by version, visit/upload date etc.
- GUID upload within DSS
- Inclusion of headers on CSV download files\
  - Enables reading into “R” for statistical analysis
- Next steps
  - Automatic finalizing
  - sFTP uploading and combination with automatic finalize
- Future: Cloud migration (storage and computing)
  - API uploads, finalizing and downloads

# NIA Admin Supplements

- Dr Galasko: CSF biomarker study
  - Majority of the funding will be returned to the UCSD, NCRAD and U Penn.
  - Reimbursing individual ADCs as samples are submitted to UPenn/NCRAD.
- Dr Au: Digital Biomarkers
  - Cost of devices and software licensing for ADCs
  - Support for Au FTE
  - NACC infrastructure to gather and host new data.
- TDP-43 meeting (Dr. P. Nelson)
  - Travel assistance and meeting costs
- Downs Syndrome Module (ABC-DS, NIA initiative)
  - Costs incurred by NACC for creation and infrastructure of new module
  - Reimbursing ADCs to incentivize DS submission
  - Support for Drs. Kinsky-McHale, Handen and Hartly FTE

# NIA Admin Supplements (2)

- New NIA-NACC initiatives
  - Cost associated with training and conversion of NACC database to AWS cloud
  - Travel assistance for ADC meeting Administrator, Clinical, Data, ORE and NP core presenters.
  - Cost of new special emphasis sections at ADC meetings
  - Reimbursing ADCs to incentive-ize FTLD, LBD and PET submission
  - Additional MRI volume calculations (Dr. DeCarli)
  - Downs Syndrome autopsy transport assistance for ADCs
  - Support Imaging Help Desk for ADCs.(NIA Biomarker/imaging initiative)

# New citations for UDS 3 and Neuropathology datasets

- Besser L, Kukull W, Knopman D, Chui H, Galasko D, Weintraub S, Jicha G, Carlsson C, Burns J, Quinn J, Sweet RA, Rascovsky K, Teylan M, Beekly D, Thomas G, Bollenbeck M, Monsell S, Mock C, Zhou XH, Thomas N, Robichaud E, Dean M, Hubbard J, Jacka M, Schwabe-Fry K, Wu J, the Neuropsychology Work Group, Directors, and Clinical Core leaders of the National Institute on Aging-funded US Alzheimer's Disease Centers, Phelps C, Morris JC.

**Version 3 of the National Alzheimer's Coordinating Center's Uniform Data Set.** *Alzheimer Dis Assoc Disord. In Press 2018.*

- Besser LM, Kukull WA, Teylan MA, Bigio EH, Cairns NJ, Kofler JK, Montine TJ, Schneider JA, Nelson PT. **The Revised National Alzheimer's Coordinating Center's Neuropathology Form-Available Data and New Analyses.** *J Neuropathol Exp Neurol.* 2018 Aug 1;77(8):717-726. doi: 10.1093/jnen/nly049. PubMed PMID: 29945202; PubMed Central PMCID: PMC6044344.

**Thanks Everyone!**

# Your NACC Team

- Faculty

- Walter Kukull
- Charles Mock
- Yen-chi Chen
- Gary Chan
- Andrew Zhou

- Research Support

- Merilee Teylan
- Kathryn Gauthreaux
- Ayushi Divecha
- Zachary Miller

- Administration

- Maggie Dean
- Elizabeth Robichaud
- Carolyn Velez

- Data & Computing

- George Thomas
- Kristen Schwabe-Fry
- Karyn Vo
- Joylee Wu
- Janene Hubbard
- Mary Jacka