MOVEMENT DISORDERS RESEARCH COLLABORATION

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Neurodegenerative Disease Biorepository
- DNA samples from over 300 subjects so far
- ALS, PSP, PD, HD, ET

Progressive Supranuclear Palsy Research
- Genetic and Environmental Risk Factors
  - 18 patient-caregiver-control trios in Utah, 300 nationally
  - Phase II/III RCT neuroprotection study of davunetide
  - 10 participants in Utah, 300 internationally

Huntington Disease Research
- ENROLL-HD
  - HD Registry study enrolling 40 to 60 families per year in Utah. 10,000 worldwide at 200 centers
- CREST- HD (Phase III neuroprotection trial of creatine monohydrate in early stage HD)

Parkinson Disease Research
- Interventional trials for neuroprotection, psychosis, mild cognitive impairment, DBS
- Observational Research
  - Parkinson’s Genetic Risk Study
    - At least 12 families in Utah, 300 nationally
  - Biomarker Study of de novo PD and RBD
    - Transcriptomics, metabolomics, proteomics
  - Enteric pathology as a predictor of neurodegenerative disease risk