



GHUCCTS BERD Available Databases

Study / Database

Director / Key Faculty

Database Description

Georgetown University (GU)		
Black Women's Health Study	Lucile Adams- Campbell	59,000 Black Women followed prospectively for 12+ years DNA on 26,000
Protect DC – stroke prevention and treatment in underserved populations	Chelsea Kidwell	Newly initiated database on prevention, treatment, and follow-up of stroke patients in the DC area
Tumor Registry	John Marshall	Tumor database of samples throughout Medstar Cancer Centers
MIDUS II. A study of midlife development in the united states	Maxine Weinstein	National survey of over 7,000 Americans aged 25 to 86 (including 592 African Americans) includes measures of daily stress, cognitive functioning, and physical health
BMORA – Bio-demographic Models of Reproductive Aging	Maxine Weinstein	5-year longitudinal study of female reproductive aging that includes hormonal, menstrual cycle, and health data from a diverse group of 750 women 25-58 years
SEBAS – Social Environmental and Biomarkers of Aging	Maxine Weinstein	Self-reports of physical, psychological, and social well-being, plus extensive clinical and lab data from Asian men and women
HIV Studies	Frank Wong	Cohort of Asian Men in DC followed for HIV treatment and complications

Howard University (HU)		
HIV in the District of Columbia	Celia Maxwell	19009 African American screened. 332 positive with HIV
Family Genetics Study of Prostate Cancer	Georgia Dunstan	103 African American pedigrees with a minimum of 4 affect with prostate cancer. Data from blood samples of 790 individuals from 98 families. Genome wide markers for linkage studies
Memory Disorder Study	T Obisesan	Study of 1700 African Americans to examine the effect of PA on memory function
Obesity in African Americans	Otelio Randall	215 obese African Americans. Data contains baseline & 6 month hemodynamic & cardiac measures. 24-hr ambulatory BP & HR data

African-American Study of Kidney Disease and Hypertension (AASK Study)	Otelio Randall	Multicenter study of 10904 African American non-diabetics to evaluate the impact of BP control on the progression of hypertensive kidney disease. Data include lipid profile, kidney function, CVD outcomes.
Howard/Hopkins Center for Reducing Asthma Disparities – Human Genetics Project	Georgia Dunstan	100 African American asthmatics recruited. Lung function. DNA extracted candidate genes genotyped.

MedStar Health System / Research Institute (MSH/RI)

Women's Health Initiative – Clinical Center focused on African American Women	Barbara Howard Lucile Adams -Campbell	163,000 postmenopausal women, 20% minority, 30% over 70 yrs from hormone, diet intervention and Ca/D supplementation trials and an observational cohort; 14 yrs of follow-up. Extensive biomarker and SNP data
Strong Heart Study – CVD and Diabetes in American Indians	Barbara Howard	4500 American Indian men and women 45-74 yrs followed for 19 years and 3600 >age 15 from 97 extended families; biomarkers, genetic map and SNPs
Cardiovascular Research Institute General Percutaneous Intervention database	Ron Waksman	Follow-up data on 4000+pt per yr (35% women, 30% minority) over 15 yrs who undergo PTCA. Up to 5 yr follow up ion large sub sets
Outcomes Studies of Cardiac Surgery in the Elderly	Peter Hill	Approximately 50,000 cardiac surgery (75% CAABG)patients since 1984, 30% women and 30% minorities, A large number with up to 10 yr FU.
GOCADAN – Genetics of CVD in Eskimos	Barbara Howard	1200 Alaska Eskimos >18 yrs from large families followed for 8 yrs; extensive biomarker data and genetic map
Diabetes Prevention Study – long term outcomes of interventions focused on African Americans	Robert Ratner	3,234 ,(68% women, 45% minorities, and 20% > 60)at high risk of diabetes randomized to lifestyle, metformin or placebo ;12 yrs of follow-up
Azyxxi (Amalga)	Christine StClair	Clinical information for 150,000 patients/yr in 7 MedStar hospitals including GUH.; demographics, insurance, lab and path data, pharmacy orders, physician reports, EKG and radiology images
Trauma Outcomes: Comprehensive analysis of delivery of care to predict survivability in those with injuries caused by trauma	Susan Kennedy	53,288 multi ethnic trauma / burn victims Started 1982. Includes demographics, injury type, pre hospital care hospital course and outcomes. 75% male,
Consortium for Safe Labor -NIDDK	Jason Umans	Summarized admission data, specific med comorbidities (yes/no), course of labor/delivery, neonatal outcome
Cardiometabolic Correlates & Maternal Health Synthetic Dataset	Nawar Shara, Peter McGarvey	The database contains data on 32,409 unique patients with over 1 million diagnoses, including Anemia, Obesity complicating pregnancy, and Supervision of elderly multigravida.
Opioid Use & Misuse Synthetic Dataset	Nawar Shara, Peter McGarvey, Alexander Libin	205,401 patients who have at least one outpatient encounter visit as well as in the previous year with data for 3 years(2017 – 2019). Each year is a separate table with one patient per row, and has information of demographics, comorbidities and opioid use/abuse.

National Rehabilitation Hospital (NRH)

NCSCIMS – National Capital Spinal Cord Injury Model System Center	Suzanne Groah, Alexander Libin	14 model system centers contribute to the largest SCI model system national database of people with SCI in the world
Traumatic Brain Injury database	Bill Garmoe and Michael Yochelson	More than 150 pts, 65% non White with hx of either traumatic spinal cord injury (SCI) (40%) or disease(SCD) (60%). Extensive outcome follow up on SCI pts functional independence, community participation and SCi specific exams
Activity-Based Rehabilitation for People with Spinal Cord Injuries	Suzanne Groah	Pilot project funded by the Department of Defense. participants recently enrolled and are in the beginning of the intervention phase. Duration of study - 2 years
Collaborative Center of Excellence for Care of People with Spinal Cord Injuries	Suzanne Groah	Collaborative center for research on secondary conditions in acute spinal cord injury. coordinated by the Bronx VA 3-4 studies. Duration - 2 years
NRH integrated database	Suzanne Groah	Includes in patient and out patient information on spinal cord injury, spinal cord disease, stroke, traumatic brain injury
Population Studies of Rehabilitation Sciences	Gerben De Jong	a large collaborative model system trial with 5 other centers and ISIS – ICOR for large population studies in the rehabilitation sciences
Stroke Database	Alex Dromerick	15000 patients with ischemic or hemorrhagic stroke, (80% > 50 years ,35% >f 70). 78% non white; medical history. NIHSS, and specific testing from all disciplines (PT, OT, Speech, Case management)

VA Medical Center, Washington DC (VAMC)

Longitudinal Study of Hypertension	Ross Fletcher Richard Amdur	Over 36 million BP readings on 1.2 million subjects over a 7-year period.
Genetics of Schizophrenia, bipolar disorders and psychosis	Marc Blackman Richard Amdur	Whole-genome association study of familial forms of schizophrenia, bipolar disorder, and psychosis, using 500,000 SNPs in a case-control sample of 300 ethnically homogeneous subjects
Outcomes after Acute Kidney Injury in older male veteran 100000 subjects	Carlos Palant Richard Amdur	Serial creatinine readings over a 5-year period on over 112,000 subjects with acute renal failure, acute MI, or pneumonia admissions from a national VA sample.
Changing survival patterns after ICD implant: 1999 to 2006.	Hans Moore	Examines survival time after defibrillator implant on over 6000 patients across the US.
Evaluation of osteoporosis in minority veterans	J Steuart Richards Gail S. Kerr	A multisite VA study of osteoporosis in 500 male veterans.
Impact of perioperative hyperglycemia on surgical outcomes	Anton Sidawy Robyn Macsata	Examines predictors of morbidity & mortality in over 117,000 surgeries conducted in VA medical centers over the past 7 years.
VA Health Care Data Repository	Richard Amdur	Contains vital sign readings in all VA pts, beginning in 2000. inc demographic, surgical and outcome data
VA DSS Database	Richard Amdur	Contains diagnostic codes, lab results, med prescriptions, and cost of care, for all VA inpatient & outpatient encounters beginning 2001.
NISQIP Database	Richard Amdur	VA database of all VA surgeries since 2000, including demographic, surgical, and outcome data.
National Pacemaker Center Database	Richard Amdur	Data on mortality/morbidity for all pacemakers & defibrillators implanted since 1995 in the US
Portuguese Island Collection. (Psychiatric Genetics).	Richard Amdur	Collaboration with USC Dept. of Psychiatry. DNA for 51 families with psychotic probands, including almost complete ascertainment of cases in the Azores and Medeira

National Databases

BRFSS	James Huang	Behavioral Risk Factor Surveillance of US population by CDC
NHANES	Nawar Shara	Population based exams of health and nutrition by NCHS
SEER	Francois Sellier-Moiseiwitsch	Surveillance Epidemiology and End Results of Cancers in US
BCDDP	Francois Sellier-Moiseiwitsch	Breast cancer Detection Demonstration Project
CHS	John Kwagyan	Cardiovascular Health Study of CVD in individuals >65 years of age; 20 yr follow-up data
CSSCD	John Kwagyan	Cooperative Study of Sickle Cell Disease