List of federally-funded grants currently supported by the Rochester Epidemiology Project

The REP research infrastructure currently supports **40 federally-funded projects**, shown in the table below (updated November 2023).

Grant type	Grant number	Study Title	PI Name	Funding Years
R03	AG071934	Impact of menopause associated adrenal aging on cognitive function and Alzheimer dementia neuroimaging biomarkers	Bancos, I.	2022-2023
R03	DK132121	Impact of abnormal steroid metabolome on cellular senescence, frailty, and cognition	Bancos, I.	2022-2024
P30	AR076312	Core Center for Clinical Research in total joint arthroplasty	Berry, D.	2019-2024
R37	CA272473	De-implementation of inappropriate thyroid ultrasound	Brito Campana, J.	2022-2027
R01	AR046849	Beyond heart disease in rheumatoid arthritis: Multimorbidity	Crowson, C.	2000-2024
U01	DP006703	Epidemiology of Lupus: Longitudinal Studies in Population-Based Cohorts	Crowson, C.	2022-2027
R56	AR046849	Population-Based Outcomes Research for Rheumatoid Arthritis: Rural Health Disparities	Crowson, C.	2000-2024
R01	CA269832	Promoting Equity of Cancer Screening and Follow-up for Lung Cancer	Doubeni, C.	2023-2028
K23	MD016230	Rural Patient Risks and Exposures for Diabetes ConTrol (Rural PREDICT)	Dugani, C.	2021-2026
R01	HL144529	Advanced heart failure: epidemiology and outcomes	Dunlay, S.	2019-2024
R21	DE031424	Identify the heterogeneity and commonality of chronic overlapping pain conditions (COPCs) through phenotypic and genomic perspectives	Fan, F.	2022-2024
R01	NS113828	Myelin oligodendrocyte glycoprotein antibody disease: incidence, prevalence, outcome prediction and immunopathology	Flanagan, E.	2019-2024
R01	HL136348	Hypertensive pregnancy disorders and future coronary artery disease	Garovic, V.	2018-2024

Grant type	Grant number	Study Title	PI Name	Funding Years
R01	AG057708	Pathways linking neuropsychiatric symptoms with Alzheimer's disease neuroimaging biomarkers and the outcome of incident Mild Cognitive Impairment/ Dementia	Geda, Y.	2018-2023
R01	AG056255	Development of Technologies to Increase In-Seat Movement to Prevent Sitting-Acquired Pressure Injuries in Wheelchair Users	Hallbeck, S; Morrow, M	2017-2024
U01	TR002743	Unintended prolonged opioid use	Hooten, W.	2019-2023
R37	AG011378	Disease pathways in the population determined by amyloid, tau, and neurodegeneration imaging biomarkers	Jack, C.R. Jr.	1993-2028
R01	AG041851	Brain aging and Alzheimer's biomarker classification using amyloid PET, Tau PET, and neurodegeneration on MRI: developing the ATN system	Jack, C.R. Jr.; Knopman, D.	2012-2024
R01	HL126667	Identification and characterization of children with asthma-associated comorbidities through computational and immune phenotyping	Juhn, Y.	2015-2024
U54	AG044170	Sex-specific effects of endocrine disruption on aging and Alzheimer's disease	Kantarci, K.	2012-2024
R01	DK125252	Fractures and bone disease in living kidney donors	Kumar, R.	2020-2024
U01	CA210138	Mayo Clinic Prospective Resource for Biomarker Validation and Early Detection of Pancreatic Cancer	Majumder, Shounak	2016-2027
R01	AG060920	Risk of cognitive impairment and dementia in total joint arthroplasty	Maradit Kremers, H.	2019-2023
R01	HL147155	Cardiotoxicity in total joint arthroplasty	Maradit-Kremers, H.	2019-2023
R01	DK125431	Outcomes in living kidney donors over 50 years compared to a healthy matched contemporaneous non-donor cohort from the same geographical region	Matas, A.; Rule, A.	2020-2025
R01	AG068192	Role of systemic inflammation in cognitive decline: rheumatoid arthritis as a prototype	Myasoedova, E.	2020-2025
K24	AG078179	Temporal associations between systemic inflammation, cardiovascular risk profile and development of Alzheimer's disease and related dementias in patients with rheumatoid arthritis	Myasoedova, E.	2022-2027

Grant type	Grant number	Study Title	PI Name	Funding Years
P30	AG062677	Mayo Alzheimer's disease research center	Petersen, R.	2019-2024
U01	AG006786	Alzheimer's disease patient registry	Petersen, R.	1986-2024
R01	AG081223	A population-based study of deep learning derived organ and tissue measures for accelerated aging using repurposed abdominal CT images	Rule, A.; St. Sauver, J.	2023-2028
R01	CA229811	Predicting Breast Cancer Risk after Benign Percutaneous Biopsy	Sherman, M.	2018-2024
R01	AG068007	Early detection of mild cognitive impairment, Alzheimer's disease and other dementias using EHR	Sohn, S.	2020-2025
R01	CA258465	The genetic and epigenetic etiology of progression from the precursor state to chronic lymphocytic leukemia (CLL)	Slager S.; Braggio E.; Christopher C.	2022-2027
R01	CA235026	Integration of germline and tumor genomes in CLL	Slager S.; Braggio E.	2018-2023
R33	AG058738	Interdisciplinary infrastructure for aging research: Rochester Epidemiology Project	St. Sauver, J.; Olson, J.; LeBrasseur, N.	2018-2024
U01	DK108288(S)	The Exocrine and Endocrine Pancreas in Type 2 Diabetes, Pancreatitis and Cancer	Vege, S.	2015-2025
R01	AG056366	Investigating Resistance and Resilience Mechanisms in Alzheimer's Disease	Vemuri, P.	2023-2028
R01	HD099147	Neuroimaging studies in pediatric anesthesia neurotoxicity	Warner, D.	2020-2024
K23	AG070113	Prescription opioids, cognitive decline, and Alzheimer's disease in older adults	Warner, N	2021-2026
RF1	AG072799	Facilitate observational studies of Alzheimer's Disease and Alzheimer's Disease related dementias using ontology and natural language processing	Xu, H; Liu, H.	2021-2024