

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

The REP research infrastructure currently supports **38 federally-funded projects**, shown in the table below (updated December 2024).

Grant type	Grant number	Study Title	PI Name	Funding Years
R01	DK134448	NAFLD Diagnosis and Outcome	Allen, A.	2024-2028
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	HL169320	Effects of experimental sleep restriction in offspring of hypertensive parents	Covassin, N.	2024-2029
U01	DP006703	Epidemiology of Lupus: Longitudinal Studies in Population-Based Cohorts	Crowson, C.	2022-2027
R01	AR046849	Population-Based Outcomes Research for Rheumatoid Arthritis: Rural Health Disparities	Crowson, C.	2024-2029
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.	2019-2025
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.	2018-2025
R01	AG057708	Pathways linking neuropsychiatric symptoms with Alzheimer's disease neuroimaging biomarkers and the outcome of incident Mild Cognitive Impairment/ Dementia	Geda, Y.	2018-2024

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R21	CA282702	Clonal growth and prediction of monoclonal B-cell lymphocytosis	Griffin, R. Sekar, A.	2024-2026
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
R37	AG011378	Disease pathways in the population determined by amyloid, tau, and neurodegeneration imaging biomarkers	Jack, C.R. Jr.	1993-2028
R01	HL126667	Identification and characterization of children with asthma-associated comorbidities through computational and immune phenotyping	Juhn, Y.	2015-2025
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, S.	2016-2027
R01	AG060920	Risk of cognitive impairment and dementia in total joint arthroplasty	Maradit Kremers, H.	2019-2024
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
P30	AG062677	Mayo Alzheimer's disease research center	Petersen, R.	2019-2029
U01	AG006786	Alzheimer's disease patient registry	Petersen, R.	1986-2025
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

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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.	2020-2026
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	CA254951	Germline and Somatic Genomic Studies in CLL minorities	Slager, S. Braggio, E.	2021-2026
P50	HD115283	Collaboration for Equity in Uterine Leiomyomas	Stewart, E.	2024-2029
R33	AG058738	Interdisciplinary infrastructure for aging research: Rochester Epidemiology Project	St. Sauver, J. Olson, J. LeBrasseur, N.	2018-2024
U01	DK108288	The Exocrine and Endocrine Pancreas in Type 2 Diabetes, Pancreatitis and Cancer	Vege, S.	2015-2025
U01	CA2701014	Impact of genetic susceptibility along the continuum from MGUS to MM	Vachon, C. Brown, E. Kumar, S.K.	2022-2027
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.	2020-2025
K23	AG070113	Prescription opioids, cognitive decline, and Alzheimer's disease in older adults	Warner, N.	2021-2026