

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

The REP research infrastructure currently supports **41** federally funded projects, shown in the table below (November 2022). More information can be found on the specific projects by searching [NIH RePORTER](#) and entering the grant number in the “project number” search field.

Funding Institute	Grant Type	Grant number	Study Title	PI Name	Funding Years
NCATS	U01	TR002743	Unintended prolonged opioid use	Hooten, W.	2019-2023
NCCDPHP	U01	DP006703	Epidemiology of Lupus: Longitudinal Studies in Population-Based Cohorts	Crowson, C.	2022-2027
NCI	F30	CA235848	Cancer stage and diagnostic triggers as mortality surrogate to validate supplemental breast imaging use in women with dense breasts	Basappa, S	2019-2023
NCI	RO1	CA229811	Predicting Breast Cancer Risk after Benign Percutaneous Biopsy	Sherman, M.	2018-2023
NHLBI	R01	HL066216	Risk factors for venous thromboembolism in the community	Ashrani, A.; Bailey, K.	2001-2022
NHLBI	R01	HL136659	Harnessing the electronic health record to predict risk of cardiovascular disease	Bielinski, S.	2017-2022
NHLBI	R01	HL144529	Advanced heart failure: epidemiology and outcomes	Dunlay, S.	2019-2024
NHLBI	R01	HL136348	Hypertensive pregnancy disorders and future coronary artery disease	Garovic, V.	2018-2023
NHLBI	R01	HL126667	Identification and characterization of children with asthma-associated comorbidities through computational and immune phenotyping	Juhn, Y.	2015-2023
NHLBI	R01	HL135879	EHR-based strategies to improve outcomes in familial hypercholesterolemia	Kullo, I.	2017-2023
NHLBI	R01	HL147155	Cardiotoxicity in total joint arthroplasty	Maradit-Kremers, H.	2019-2023
NIA	K23	AG070113	Prescription opioids, cognitive decline, and Alzheimer's disease in older adults	Warner, N	2021-2026
NIA	K76	AG057015	Cerebral microbleeds in the aging population	Graff-Radford, J.	2017-2022
NIA	P30	AG062677	Mayo Alzheimer's disease research center	Petersen, R.	2019-2024

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NIA	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.	2012-2023
NIA	R01	AG060920	Risk of cognitive impairment and dementia in total joint arthroplasty	Maradit Kremers, H.	2019-2023
NIA	R01	AG068192	Role of systemic inflammation in cognitive decline: rheumatoid arthritis as a prototype	Myasoedova, E.	2020-2025
NIA	R01	AG052425	Multiple chronic conditions and aging	Rocca, W.; St. Sauver, J.	2017-2023
NIA	R01	AG058266	Prevalence, etiology, and clinical implications of low count monoclonal B-cell lymphocytosis (MBL)	Slager, S.	2018-2023
NIA	R01	AG068007	Early detection of mild cognitive impairment, Alzheimer's disease and other dementias using EHR	Sohn, S.	2020-2025
NIA	R01	AG056366	Exceptional aging: Identifying modifiers of Alzheimer's disease trajectories	Vemuri, P.	2017-2023
NIA	R21	AG062580	Multimorbidity, rurality, and outcomes in atrial fibrillation in the community	Chamberlain, A.	2019-2022
NIA	R21	AG064804	Dementia and heart failure in the community	Chamberlain, A.	2019-2022
NIA	R33	AG058738	Interdisciplinary infrastructure for aging research: Rochester Epidemiology Project	St. Sauver, J.; Olson, J.; LeBrasseur, N.	2018-2023
NIA	R37	AG011378	Disease pathways in the population determined by amyloid, tau, and neurodegeneration imaging biomarkers	Jack, C.R. Jr.	1993-2023
NIA	RF1	AG055151	Reproductive Risk Factors for Alzheimer's disease dementia and pathology	Mielke, M.	2017-2022
NIA	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.	2021-2026

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NIA	RO1	AG057708	Pathways linking neuropsychiatric symptoms with Alzheimer's disease neuroimaging biomarkers and the outcome of incident Mild Cognitive Impairment/ Dementia	Geda, Y.	2018-2023
NIA	U01	AG006786	Alzheimer's disease patient registry	Petersen, R.	1986-2024
NIA	U54	AG044170	Sex-specific effects of endocrine disruption on aging and Alzheimer's disease	Kantarci, K.	2012-2023
NIAMS	P30	AR076312	Core Center for Clinical Research in total joint arthroplasty	Berry, D.	2019-2024
NIAMS	R01	AR046849	Beyond heart disease in rheumatoid arthritis: Multimorbidity	Crowson, C.	2000-2023
NIAMS	R01	AR027065	Epidemiology of age-related bone loss and fractures	Khosla, S.; Amin, S.	1980-2022
NICHD	R01	HD099147	Neuroimaging studies in pediatric anesthesia neurotoxicity	Warner, D.	2020-2024
NIDCR	R21	DE031424	Identify the heterogeneity and commonality of chronic overlapping pain conditions (COPCs) through phenotypic and genomic perspectives	Fan, F.	2022-2024
NIDDK	K23	DK121888	Skeletal consequences of mild autonomous cortisol secretion	Bancos, I.	2019-2023
NIDDK	R01	DK125252	Fractures and bone disease in living kidney donors	Kumar, R.	2020-2023
NIDDK	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
NIMH	R01	MH114967	A multi-cohort assessment of gestational SSRI exposure on long-term psychiatric outcomes	Talati, A.	2018-2023

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NINDS	R01	NS113828	Myelin oligodendrocyte glycoprotein antibody disease: incidence, prevalence, outcome prediction and immunopathology	Flanagan, E.	2019-2024
NINDS	R01	NS097495	Development, validation, and application of an imaging based CVD scale	Vemuri, P.	2016-2023