Kaiser Permanente/Johns Hopkins Medicine
Research Collaboration Program
Program Overview

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*Please read in full and review Tables 1 and 2 for 2025 Programmatic Changes

PROGRAM PURPOSE
As part of the Institute for Clinical and Translational Research (ICTR) pilot program, the Kaiser Permanente/Johns Hopkins Medicine Research Collaboration Program supports collaborative epidemiologic, health services, and related clinical research to be conducted jointly by Kaiser Permanente (KP) and Johns Hopkins Medicine (JHM) researchers in alignment with both organizations' strategic priorities (**Appendix A**). The KP/JHM Research Collaboration Program is guided by the Research Collaboration Committee (RCC), comprised of key leaders from JHM, the ICTR, and the Mid-Atlantic Permanente Research Institute (MAPRI).

PROGRAM DESCRIPTION
The KP/JHM Research Collaboration Program seeks to fund 2-year research projects every other year that highlight the effective synergy of the KP/JHM collaboration in tackling the complex and intriguing questions vexing both health systems. Projects should be for **initial research** that leverages the unique capabilities of KP and JHM as learning health systems. Research may be based on prior efforts but should be unique and able to "stand alone" in its proposal. **Funded projects are generally pilot projects that must be feasible for completion within the timeframe and will provide the necessary data for larger, joint grant applications working toward an external funding source.** Applicants should err on the side of smaller scope projects suitable for the mutual funding periods. The application should indicate how the results of the pilot research project could be translated into improved healthcare and outcomes.

Examples of desired results would include, but are not limited to:
- Addressing known healthcare issues common to both institutions.
- Submission for publication and poster/platform presentation at a national conference.
- A larger grant application to an external funding source.

Funded projects will be managed by two co-Principal Investigators: one from KP and one from JHM. If an investigator has an idea for a project but does not know a collaborator from either KP or JHM, leaders at MAPRI and JHM will endeavor to make introductions on their behalf. For more information, contact ResearchCollaboration@kp.org (KP) or ICTR_Navigators@jhmi.edu (JHM). Please note, the deadline for identifying a collaborator and declaring your mutual intent to apply is October 20, 2025 (see Table 2).

PROGRAM FUNDING PRIORITIES
Recommended categories, but not exclusive to funding, include:

- **Outcomes and Effectiveness**: Electronic Health Record (EHR) or claims data analysis; patient outcomes and potential disparities; comparative effectiveness trials addressing unmet patient needs or care gaps by race/ethnicity, language, education, and income; and development and use of clinical research registries.
- **Quality Improvement and Implementation Research**: data analysis targeted at improving value to our patients or to understand the complexity of care delivery, including appropriateness of the care, patient safety, and reducing unneeded care. Other areas of interest include examining care gaps by race/ethnicity, language, education and income.
- **Learning Health Systems Research**: studies an evolving model where continuous information on process, outcomes, and preferences of care is derived from EHRs and other mainly digital sources and is meaningfully used by the system to improve health care and outcomes. Applications that address Learning Health Systems Research will be given extra consideration.

JHM should identify a Health System Partner/Champion within JHM that can assist in the implementation of study findings. Examples of previously awarded projects are found in **Appendix B**.

PROGRAM FUNDING AND PERIOD OF SUPPORT

The KP/JHM Research Collaboration Program is for 2-year projects that are non-renewable. Funding is available for up to four projects. Funding and grant details are outlined below in **Table 1**. **Funding will start no earlier than May 1 of the award year.**

Table 1.	JHU	KP
Year 1 Funding ($37,500)	$37,500	$37,500
Year 2 Funding ($37,500)	Pending funding availability	$37,500
Carryforward of Funds from Year 1-2	Not Allowed	Not Allowed
No Cost Extension After Year 1	JHM Investigators should contact the ICTR for specific information.	N/A
No Cost Extension After Year 2	JHM Investigators should contact the ICTR for specific information.	No Cost Extensions are reviewed and approved by MAPRI Executive Director on a case-by-case basis. No more than one, 6-month No Cost Extension will be approved.
No indirect costs will be allowed.		
Funding must stay within the two individual organizations of KP and JHM.		

Table 2. 2025 Application Process and Submission Deadlines

Due Date	Activity/Item	Point of Contact
September 22 – October 20	*Obtain permissions:* KP applicants must obtain the appropriate permission from their Regional Research Director <u>prior to</u> declaring their intent to apply. MAPMG Physicians must also obtain and forward Physician-in-Chief (PIC) approval to ResearchCollaboration@kp.org. *Declare intent to apply:* Applicant pairs must declare their intent to apply by emailing both PI names to ResearchCollaboration@kp.org by October 20 *Request application:* Applicants should email ResearchCollaboration@kp.org for the 2025 Application.	ResearchCollaboration@kp.org
October 20	**All Applicants:** Last day for applicant pairs to declare their intent to apply by emailing ResearchCollaboration@kp.org. Applications will not be accepted from applicant pairs who have not declared their intent to apply by the deadline.	ResearchCollaboration@kp.org
November 7	**KPMAS Only**: <u>Last date</u> to obtain project budget information from MAPRI Research Administration. Please reach out early as budget preparation can take several days. (Other KP regional applicants and JHM applicants can work directly with their local research administration to obtain budgets).	MAPRI-GRANTS-CONTRACTS@kp.org
December 5	**All Applicants**: Deadline to submit Applications by **5pm, ET**. Email all materials (application, budget justifications, and CVs) together in one email.	ResearchCollaboration@kp.org

Information to Note:
- Only the work proposed within a project application will be authorized.
- Budgets should be sure to allocate funds for services such as analyst and project management support. When available, funding for year 2 could be used to support project activities occurring after the research is completed (i.e., manuscript writing).
- See Table 1 for funding details.
- **All interested investigators should email ResearchCollaboration@kp.org for questions or more information.**

For JHM Investigators:
- JHM investigators should coordinate application development with their grant administrator.
- Funding for Year 1 is confirmed; funding for Year 2 will be pending funding availability.
- Carryforward of funds from Year 1 to Year 2 will **not** be allowed.

- JHM investigators should contact ICTR_Navigators@jhmi.edu for other specific information or questions.

For KP Investigators:
- The funding mechanism is open to applications from any KP region.
- KP applicants must obtain the appropriate permissions from their regional Research Director prior to declaring their intent to apply.
  - **KPMAS/MAPMG Physicians Only:** Physicians should email ResearchCollaboration@kp.org to facilitate permission from MAPRI Executive Director. Physicians also need permission from their PIC to apply in order to appropriately allocate time for research activities outside of clinic. Physicians should facilitate PIC permission separately and forward to ResearchCollaboration@kp.org.
- KP applicants should work directly with their regional research administration to obtain budgets.
  - **KPMAS Only**: Please reach out early as budget preparation can take several days. The last date to obtain project budget information from MAPRI-GRANT-CONTRACTS@kp.org is in Table 2.
  - **KPMAS/MAPMG Physicians Only**: MAPMG Physicians receiving permission to apply will need to allocate appropriate release time for research activities. Please work with MAPRI-GRANT-CONTRACTS@kp.org on allocation.
- A sample budget template is provided in the application. Please use this template.
- Funding for Years 1 and 2 is confirmed.
- Carryforward of funds from Year 1 to Year 2 will **not** be allowed.
- See Table 1 for funding details.

PROGRAM ELIGIBILITY
- Must be a research scientist or a physician-researcher with a sufficient track record of research experience.
- KP applicants must obtain the appropriate permissions from their regional Research Director prior to declaring their intent to apply (see Table 2 and above).
- If an investigator has an idea for a project but does not know a collaborator from either JHM or KP, the leaders at MAPRI and JHM will endeavor to make introductions on their behalf. For more information, contact ResearchCollaboration@kp.org (KP) or ICTR_Navigators@jhmi.edu (JHM). Please note, the deadline for identifying a collaborator and declaring your mutual intent to apply is October 20, 2025 (see Table 2).
- **Please review Table 2 and the application carefully for all deadlines and requirements!**

FUNDING NOTIFICATION AND TERMS
- Funding decisions will be distributed by **February of the award year**.
- **Funding will begin May 1ˢᵗ of the award year.** Investigators may not begin using their respective grant funding until applicable regulatory approvals have been obtained from their institution.
- **Table 1 contains all relevant details about funding by year, carryforward, and No Cost Extensions.**
- **Only the work proposed within the Application will be authorized.**
- Funded pilot research projects will co-managed by both investigators with appropriately budgeted support from each. Note that the Research Collaboration Committee will assist with coordination with organizational and operational leaders.
- Investigators are required to submit any End of Grant Reports as requested from KP and/or JHM. JHM investigators may also be contacted to report on longer term outcomes of the research for a projected minimum of 5 years beyond the 2-year funding period.

PROGRAM TERMS OF PARTICIPATION
- Investigators will develop and submit one abstract for a peer-reviewed conference focusing on the proposed pilot research project.
- Investigators will develop one manuscript for publication in a high impact (impact factor >4.0) peer-reviewed journal focusing on the proposed pilot research project.

- Investigators will participate in and submit updates as required by the RCC.
- Investigators will comply with all IRB requirements and for JHM investigators, applicable institutional data access prerequisites as well.

KP/JHM RESEARCH COLLABORATION PROGRAM APPLICATION

The application should be jointly written by one investigator from KP and one investigator from JHM. Applicants are only allowed to submit one project per application period. Please ensure that the application is responsive or complementary to the categories described in Program Funding Priorities.

Email ResearchCollaboration@kp.org for the most recent and updated application.

POINTS OF CONTACT

Contact ResearchCollaboration@kp.org (KPMAS) or ICTR_Navigators@jhmi.edu (JHM) with questions.

Appendix A: Kaiser Permanente/Johns Hopkins Medicine Research Collaboration Program Strategic Priorities

- To enhance the utilization and analyses of evidence-based medicine in the optimization of core integration and coordination.
- To demonstrate and improve the value of health care services.
- To improve access to care and reduce health disparities.
- To create innovations in using Epic® and KP HealthConnect® to improve health care.

Appendix B: Previously Funded Awards

Funding Year	Research Project	Principal Investigators
2025	Developing a Text-Based Approach to Adverse Drug Withdrawal Event Detection	Elizabeth Bayliss, MD, MSPH (KP); Cynthia Boyd, MD, MPH (JHM)
2025	Links of Sleep-Disordered Breathing with Dementia Risk and Healthcare Utilization: Investigating Differences by Race, Sex, and CPAP Adherence	Ejaz Shamim, MD, MS, MBA, FAAN (KP); Adam Spira, PhD (JHM)
2025	Factors Associated with Diabetes Prevention Program Access and Participation	Michael J. Miller, RPh, DrPH, FAPhA (KP); Eva Tseng, MD, MPH (JHM)
2025	Peer-to-Peer Learning and Assessment to Improve Perioperative Pain Management	Gregory Khan-Arthur, DO (KP); Anping Xie, PhD (JHM)
2024	Variability in Genetic Counseling for Hereditary Breast and Ovarian Cancer	Cabell Jonas, PhD (KP); Juli Bollinger, MS (JHM)
2024	Trends in Cannabis Use among Women with Chronic Pelvic Pain	Kristina Phillips, PhD (KP); Jenell Coleman, MD, MPH (JHM)
2024	A Pilot Study to Examine the Availability and Characteristics of Social Needs and Social Determinants of Health Data in the EHR: A Path to Social Data Harmonization and Standardization at JHM and KP	Doug Roblin, PhD (KP); Elham Hatef, MD, MPH (JHM)
2024	Disparities in the Treatment of Fuchs' Endothelial Corneal Dystrophy: A Pilot Study	Meraf Wolle, MD (KP); Divya Srikumaran, MD (JHM)
2023	Development of a Pulmonary Embolism Research Database from Electronic Health Record Data	Doug Roblin, PhD (KP); Michael Ellenbogen, MD (JHM)
2023	Creating Better Systems to Care for Adolescents at Risk of Suicide	Julie Richards, PhD, MPH (KP); Emily Haroz, PhD (JHM)
2023	Frailty, Multiple Comorbidities and Gastric Cancer Surgical Outcomes	Monica Ter-Minassian, ScD (KP); Fabian Johnston, MD (JHM)
2023	Adolescent Depression Screening in Pediatric Primary Care: An Examination of Case Disposition and Racial and Ethnic Disparities	Nancy Weinfield, PhD (KP); Andrea Young, PhD (JHM)
2022	Identifying Predictors for Scleroderma Health Care Utilization and Costs in Specialty Care Referral and Integrated Care Models	Michael J. Miller, RPh, DrPH, FAPhA (KP); Julie Paik, MD, MHS (JHM)
2022	Gastric Cancer Surgical Outcomes	Monica Ter-Minassian, ScD (KP); Fabian Johnston, MD (JHM)

2022	Electronic Health Record-Based Detection of Frailty Risk to Improve Care Management Among Older Adults	Douglas Roblin, PhD (KP); Hsien-Yen Chang, PhD (JHM)
2022	Vision Impairment, Social Factors, and Race/Ethnicity (VISOR Study) – The Impact of Disparities on Patients with Cataracts	Suma Vupputuri, PhD, MPH, FAHA (KP); Fasika A. Woreta, MD (JHM)
2021	Examining and Optimizing Adoption of Digital Mental Health Applications Across Health Systems	Michael J. Miller, RPh, DrPH, FAPhA (KP); Joseph McGuire, MA, PhD (JHM)
2021	Addressing Medication Safety from the Pediatric Primary Care Perspective	Nancy S. Weinfield, PhD (KP); Leticia M. Ryan, MD, MPH (JHM)
2021	Development, Validation, and Testing of an Interoperable Predictive Model to Estimate Inadequate Health Literacy	Michael J. Miller, RPh, DrPH, FAPhA (KP); Joseph Gallo, MD, MPH (JHM)
2021	Comprehensive Diabetes Assessment	Maile Taualii, PhD, MPH (KP); Jodi Segal, MD, MPH (JHM)
2019	Barriers and Facilitators to Provider Adoption of Medication Price Transparency Tools in Electronic Medical Records: A Qualitative Study	Douglas Roblin, PhD (KP); Ashwini Davison, MD, MS (JHM)
2019	Benign Breast Disease: Cohort Identification for Breast Cancer Screening and Pathology Analysis	Monica Ter-Minassian, ScD (KP); Kala Visvanathan, M.B.B.S. (JHM)
2019	A Pilot Study to Improve the Use of Electronic Health Records for Identification of Patients with Social Risks and Needs: A Collaboration of JHM and KP	Claudia Nau, PhD (KP); Elham Hatef, MD, MPH (JHM)
2019	The Role of Patient Portals in Ameliorating or Exacerbating Disparities in Maternal Health	Nancy Weinfield, PhD (KP); Shari Lawson, MD, MBA, FACOG (JHM)
2018	Preexposure Prophylaxis (PrEP) Uptake and Adherence to PrEP Care Continuum	Rulin Hechter, PhD, MD (KP); William Towner, MD (KP); Joyce Jones, MD (JHM)
2018	Realizing the Health Benefits of Rehabilitation Programs for Cardiopulmonary Disease: What Can Healthcare Systems Do to Improve Patient Engagement and Participation?	Douglas Roblin, PhD (KP); Hanan Aboumatar, MD, MPH (JHM); Lee Bone, MPH (JHM)
2018	Socioeconomic Circumstances and Asthma Medication Management in the Baltimore Area: Learning How to Identify Care Gaps and Target Interventions	Douglas Roblin, PhD (KP); Hong Kan, PhD (JHM)
2018	Transgender Care Quality Improvement Program (TransCQuIP)	Brandyn Lau, MPH, CPH (JHM)
2017	Assessing the Relationship between Parental Activation and Obesity-related Health Behaviors among Overweight and Obese Low-income Racial/Ethnic Minority Young Patients.	Corinna Koebnick (KP); Nakiya Showell, MD (JHM)
2017	Estimating Changes in Liver Fibrosis Over Time and In Specific Subgroups with Transient Elastography (TE).	Carla Rodriguez, PhD (KP); Tinsay Woreta, MD (JHM)
2017	Evaluating the Uptake of Screening and Preventative Strategies for Patients at High Risk for Breast Cancer.	Monica Ter-Minassian, ScD (KP); Kala Visvanathan, M.B.B.S. (JHM)
2017	Racial Disparities in Hypertension (RADISH): Decomposing the effects of risk factor distribution and risk factor impact on racial disparities.	Suma Vupputuri, PhD (KP); Addl Contributor: Kevin Rubenstein (KP); Romsai Tony Boonyasai, MD (JHM)
2016	Comparative/Cost-Effectiveness of Early vs. Delayed Treatment of Chronic Hepatitis C Virus (HCV)	Carla Rodriguez, PhD (KP); Bill Padula, PhD (JHM)
2016	Diagnostic Performance Dashboard to Reduce Diagnostic Error & Enhance Value Using Big Data	Measuring Missed Strokes Using Administrative and Claims Data: Towards a Diagnostic Performance Dashboard to Monitor Diagnostic Errors	Carla Rodriguez, PhD (KP); David Newman-Toker, MD, PhD (JHM)
2016	Sickle Cell Disease Quality Metrics and Health Outcomes	Michael Horberg, MD (KP); Monica Ter-Minassian, ScD (KP); Sophie Lanzkron, MD (JHM)