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The Program on the Pharmacoepidemiology of Cardiovascular-Kidney-Metabolic Diseases (PROMISE) is seeking one or more self-motivated, diligent, and independent fellows to work as part of a multidisciplinary team with expertise in pharmacoepidemiology, statistics, endocrinology, nephrology, cardiology, and obesity medicine with the mission to advance the understanding of the treatments for cardiovascular-kidney-metabolic diseases in clinical practice, to inform medical prescribing and improve patient care. The available post-doctoral fellow positions are described below:

- **Answering high-impact questions to inform clinical decision making on the comparative effectiveness and safety of medications in cardiovascular-kidney-metabolic conditions by applying and advancing cutting-edge methods:** A fellow working in this area will collaborate closely with Division faculty who are leaders in the pharmacoepidemiology of cardiovascular-kidney-metabolic diseases to answer critical clinical questions on the use of medications and their comparative effectiveness and safety leveraging real-world data, including administrative claims, electronic health records, and clinical registries. Fellows will have the opportunity to lead several important research studies. The ideal candidate would be a team player and have a doctoral degree in pharmacoepidemiology and ideally a clinical background, or a degree in medicine combined with pharmacoepidemiology/ epidemiology training, and prior programming experience.
- **Developing and implementing cutting-edge methods to bridge the gap between randomized clinical trials (RCTs) and real-world evidence (RWE):** RCTs and RWE are critical and complementary sources of evidence generation about the benefits and safety of medical products. A fellow working in this area will be involved in several interrelated projects that will leverage individual-level RCT data to explore this complementarity and will be expected to explore and test novel analytical approaches for analysis of RCT and real-world data. Training and experience in statistical modeling and programming is required. Experience with developing prediction models, model validation and calibration approaches, imputation methods, Monte Carlo simulations, and machine learning algorithms is highly desirable.

Interested individuals should send their CV and a personal statement to Elisabetta Patorno at epatorno@bwh.harvard.edu or visit www.bwhpromise.org/opportunities