



## Postdoctoral fellowship opportunity

University of California San Diego

Department of Pediatrics, Division of Environmental Science and Health

The Division of Environmental Science and Health in the Department of Pediatrics in the School of Medicine at the University of California San Diego is seeking a researcher interested in a post-doctoral fellowship in perinatal pharmacoepidemiology. This is a 2 year fellowship with the possibility for renewal for an additional year. The postdoctoral fellow will have the opportunity to work with a multidisciplinary team of researchers who perform MotherToBaby pregnancy studies and Human Milk Biorepository lactation studies, including epidemiologists, biostatisticians, psychologists, geneticists, dysmorphologists, developmental pediatricians, neonatologists, and reproductive medicine specialists, as well as other specialty clinicians, on projects that characterize the safety of medications in pregnancy and lactation. This position will provide an opportunity to conduct pharmacoepidemiology studies with multiple data sources, including prospective birth cohorts, administrative claims and electronic health records. The successful candidate will have an interest in applying different methodologies to each data source, reconciling findings between sources, interpreting data and preparing manuscripts.

Successful candidate must have:

- PhD in epidemiology, pharmacoepidemiology, pharmacy, biostatistics, outcomes research, or related fields.
- Strong programming skills in R, SAS, or SQL.
- Excellent oral and written communication skills and track record of peer-reviewed publications.

More about us:

**MotherToBaby Pregnancy Studies** are U.S. and Canadian-based prospective pregnancy cohorts established in an academic setting at the University of California, San Diego. MotherToBaby pregnancy studies have been utilized effectively for over 20 years for identification, enrollment and follow-up of pregnant women with and without specific conditions or treatments. This group has an established track record of expertise in collecting comprehensive data on pregnancy exposures, disease-related factors, comorbidities, and maternal and infant outcomes. MotherToBaby studies were the first to identify carbamazepine as a human teratogen, and to first identify the increased risk for preterm delivery, neonatal withdrawal and persistent pulmonary hypertension of the newborn following maternal treatment with antidepressants. This model has also been used successfully to rule out major human teratogenic risk for leflunomide, a disease modifying therapy for rheumatoid arthritis, and to provide reassurance regarding risks for maternal influenza vaccination following the pandemic



• Mommy's Milk •  
HUMAN MILK RESEARCH BIOREPOSITORY

H1N1 outbreak. Additional information about our work and staff can be found here:

<https://mothertobaby.org/about-us/#tab1>.

**Mommy's Milk Human Milk Research Biorepository** is a multidisciplinary research initiative of UC San Diego's Department of Pediatrics Center for Better Beginnings and the UC San Diego Altman Clinical and Translation Research Institute-. Mommy's Milk Human Milk Research Biorepository strives to understand the numerous benefits human milk offers at a molecular level, in addition to studying the safety of medications and other exposures during lactation. Additional information about our work can be found here: <https://mommymilkresearch.org/>.

University of California, San Diego (UCSD)

Established in 1959, UCSD is widely regarded as a premier research institution, with a faculty that includes seven Nobel laureates and nine recipients of the National Medal of Science. The campus ranks sixth among U.S. universities in the amount of federal research dollars spent on research and development, and is first in the 10-campus University of California system in federal research dollars. UCSD has won international recognition for the excellence of its scholarship. The National Research Council ranked UCSD as one of only two public universities in the top ten in the nation for quality of faculty and graduate programs. The University provides an opportune environment for postdoctoral work, which includes the Office for Postdoctoral Affairs, trainee and junior faculty short talk series, many journal clubs and lecture series, courses on the ethical conduct of research, workshops to develop grant writing skills, and formal and informal mentorship opportunities.

For additional information or to apply for the position, please contact Gretchen Bandoli at [gbandoli@ucsd.edu](mailto:gbandoli@ucsd.edu)