

Postdoctoral Position at the NIH/NIEHS

The environment, oxidative stress, and pregnancy outcomes

We are seeking a talented and motivated individual with training and experience in epidemiology for a postdoctoral fellowship at the NIH National Institute of Environmental Health Sciences, Division of Intramural Research, Epidemiology Branch, Perinatal and Early Life Epidemiology Group. The successful candidate will have a strong background in epidemiology, including experience with statistical modeling. Background in environmental health sciences, psychological stress research, biomarker studies, and/or pregnancy outcomes is beneficial but not required.

Early delivery and reduced fetal-to-early-childhood growth are associated with extensive later-life disease and economic costs. Research clearly indicates a role of the maternal environment during pregnancy in the origin of these outcomes, with evidence for effects of both chemical and non-chemical (e.g., psychological stress) exposures. However, few studies examine the impact of simultaneous stressors during pregnancy. The postdoctoral fellow will analyze data from a birth cohort study to examine how chemical and non-chemical exposures interact to impact adverse birth outcomes, with a focus on examining underlying oxidative stress as a potentially important mechanism. Opportunities also exist for contributing to other projects in the realm of perinatal health and the environment, and for proposing additional analyses or add-on studies.

Salary and benefits are highly competitive and commensurate with experience and accomplishments. Initial appointment will be two years at NIEHS in Research Triangle Park, NC, with additional time (up to 5 years) possible depending on productivity and availability of funds. Applicants should submit the following materials to kelly.ferguson2@nih.gov:

- Letter describing areas of research interest
- Curriculum vitae with bibliography
- Copies of 1-2 recent publications
- Contact information for 3 individuals serving as references

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