



Fertility & Reproductive Health Group, Epidemiology Branch

Postdoctoral Fellowship at the NIH, NIEHS

The [Fertility and Reproductive Health Group \(FRHG\)](#), led by Anne Marie Jukic, PhD, is seeking a candidate with training and experience in **reproductive epidemiology** for a **postdoctoral fellowship**. The position is in the [Epidemiology Branch](#) at the [NIH National Institute of Environmental Health Sciences](#) located in Research Triangle Park/Durham, North Carolina. The successful candidate will have a strong background in epidemiology, longitudinal data analysis, and statistical modeling.

Subfertility is a pressing public health problem. Menstrual cycles are an indicator of general health and, like many aspects of gynecologic health, are understudied. Few risk factors for pregnancy loss are known or understood. FRHG research is targeted towards investigating environmental influences on reproductive health, with a focus on reducing the burden of menstrual dysfunction, subfertility, and pregnancy loss. Our work is hypothesis-driven; translating biological research from the bench to human populations, and seeking interventions for improving public health. To that end, we leverage multiple prospective studies, and we contribute to the development of high-quality and innovative research methods including a focus on digital health applications or “apps”. Postdoctoral fellows work with data from numerous sources including the Investigation of Vitamin D and Menstrual Cycles Trial (the inVitD Trial), the Early Pregnancy Study (EPS), Time to Conceive, the Study of Environment Lifestyle and Fibroids (SELF), the Sister Study, and the Apple Women’s Health Study. Opportunities also exist for large consortium-based projects. The FRHG also collaborates with outside investigators to access high-quality data sources that can support our research mission.

Postdoctoral fellows in the FRHG develop a research portfolio that fits their interests and training goals, and are encouraged to build on existing resources to develop new projects that become the basis for transition to independence research awards (such as K99/R00 awards). Fellows are encouraged to take advantage of the rich and varied training and career development opportunities offered at NIEHS. The training environment is enriched by proximity and access to local universities (e.g., University of North Carolina, NC Central University, NC State University, and Duke University), where Epidemiology Branch investigators have adjunct appointments. Opportunities for mentoring undergraduate and graduate students are available. NIEHS offers comprehensive training and career development opportunities for fellows.

Qualifications:

Candidates who earned a doctoral degree within the past five years in epidemiology or a closely related field, or those who earned a medical degree and have advanced graduate training in epidemiology or a related field, are invited to apply. Applicants must have extensive experience with epidemiologic or statistical data analysis. Preference will be given to candidates with demonstrated research interests in FRHG focus areas (e.g., menstrual cycles, fertility, pregnancy loss, vitamin D, air pollution/climate change), as well as to candidates with superior analytic and communication skills.

To Apply:

Candidates who can contribute to the diversity and excellence of our research program are strongly encouraged to apply. Salary and benefits are highly competitive. Initial appointments will be two years at NIEHS in **Research Triangle Park, North Carolina**, with additional time (up to 5 years total) depending on eligibility and productivity. *This position is subject to a background investigation.* Applicants should submit the following materials to epifellowships@niehs.nih.gov:

- **Cover letter describing areas of research interest and goals for the postdoctoral fellowship**
- **Curriculum vitae with bibliography**
- **Copies of 1-2 recent publications**
- **Contact information for 3 individuals serving as references**

Application Deadline: Until filled. Position start date negotiable; this information can be included in the cover letter.

Learn more about [NIEHS Fellows’ Career Development](#) and [NIH training programs](#) (e.g., postdoctoral, graduate, postbaccalaureate, undergraduate, Summer programs).

The NIH is dedicated to building a diverse community in its training and employment programs.