

Postdoctoral Fellowship at the Carl R. Woese Institute for Genomic Biology, University of Illinois

Postdoctoral Fellowship in Environmental Impact on Reproductive Health

The Carl R. Woese Institute for Genomic Biology at the University of Illinois at Urbana-Champaign offers a fellowship for truly exceptional young scholars who have completed their PhD within the last several years, and who are looking for a stimulating and supportive interdisciplinary environment to carry out independent and collaborative research. IGB Fellows will typically spend two or more years conducting research in one of the IGB themes. A personalized mentoring plan will be developed for each Fellow. Annual salary is \$54,000, in addition to a \$7,500 allowance.

Environmental Impact on Reproductive Health (EIRH)

The EIRH Theme is a multi-disciplinary collaborative group that includes interest and expertise in reproductive physiology, environmental health, bioengineering and mechanobiology. Our central interest is focused on improving reproductive health by gaining fundamental knowledge in both normal variation in reproductive function and fertility disorders/diseases and developing therapeutic tools through multi-disciplinary research collaborations across campus. The Fellow will work collaboratively with multiple theme faculty members on a project involving the use of genome-wide transcriptomics, and bioengineering tools to develop platforms to study the physiology and pathology of the reproductive system to investigate the effects of exposure to endocrine disrupting chemicals on fertility.

Preference will be given to candidates with a background in reproductive toxicology, molecular and cellular biology, or bioengineering, particularly those familiar with the analysis of single-cell transcriptome experiments (bioinformatics). A track record of high impact peer-reviewed journal publications and excellent communication skills are required. Applicants should submit a CV, a research summary, and the names of three recommenders who can write letters on their behalf. This information should be sent to Professor Indrani Bagchi (Co-Theme Leader, ibagchi@illinois.edu) and Jodi Flaws (Co-Theme leader, jflaws@illinois.edu) by November 15, 2020. Review of the applications will start upon receipt in advance of the closing date. The University of Illinois is an Affirmative Action/Equal Opportunity Employer. Visit www.igb.illinois.edu for additional information.