

Postdoctoral Research Associate Position

University of Illinois at Urbana Champaign

Department of Bioengineering

Faculty Advisor: Assistant Professor Princess Imoukhuede

The Department of Bioengineering at the University of Illinois at Urbana Champaign is looking to fill a position at the Postdoctoral Research Associate level in the research laboratory of Assistant Professor Princess Imoukhuede. This research laboratory employs systems biology to study tumor angiogenesis and vascular pathologies.

The hired Postdoc will be responsible for an interdisciplinary project developing computational models to characterize the vascular microenvironment in various cancers. Additionally, the hired Postdoc will be responsible for preparing publications. Some travel to scientific meetings to present research results will be required. The hired post-doc is expected to closely work with Assistant Professor Princess Imoukhuede in managing research activities in the lab and develop models while assisting students with research.

The hired Postdoc is expected to have a strong background in mathematics, computer science/engineering, and receptor biology, with an eagerness to solve biological problems. The hired Postdoc must have earned a Ph.D. in a quantitative field such as: Bioengineering, Computer Science/Engineering, Applied Mathematics, Biophysics, or a related area before the date of joining and have at least 2-3 years experience in the following areas:

- Bioinformatics/Proteomics
- Mathematics/Statistics
- Programming languages (e.g., java, c/c++, sbml, Matlab)

To apply for this position please prepare **only 1 PDF file**, titled, *First name_Last name_computational.pdf*, containing a cover letter, curriculum vitae/resume, contact information, and the names/contact info of 3 references to Dr. Imoukhuede (pii+postdoc@illinois.edu).

More information about the Department of Bioengineering can be obtained from <http://www.bioen.illinois.edu/> and for University of Illinois information, please visit <http://illinois.edu>.

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