



**Dan Dongeun Huh**

*Wilf Family Term Chair & Assistant Professor*

Department of Bioengineering

University of Pennsylvania

240 Skirkanich Hall, 210 S. 33<sup>rd</sup> St.

Philadelphia, PA 19104

E-mail: [huhd@seas.upenn.edu](mailto:huhd@seas.upenn.edu)

Phone: 215-898-5208

<http://biolines.seas.upenn.edu>

## Open position for a postdoctoral research fellow

The Biologically Inspired Engineering Systems ([BIOLines](http://biolines.seas.upenn.edu)) Laboratory in [the Department of Bioengineering at the University of Pennsylvania](http://seas.upenn.edu) invites applications for a postdoctoral research fellow position in biological micro- and nanoengineering. Our group focuses on developing new design principles and micro/nanoengineering approaches inspired by living biological systems to create novel devices and materials that improve human health and promote environmental sustainability.

Applicants are expected to hold a Ph.D. degree in bioengineering or other related fields, and to have an excellent track record in research. Hands-on experience in micro/nanofluidics, fabrication, and cell culture is preferred, but not required. The successful candidate will participate in launching several interdisciplinary research projects to develop biomimetic or bio-inspired micro- and nanosystems for a wide range of biomedical, pharmaceutical, and environmental applications. This position will also explore and leverage collaboration with clinicians and scientists in [the Perelman School of Medicine at the University of Pennsylvania](http://seas.upenn.edu). Specific examples of research projects under development include microengineered models of healthy and diseased human organs, mechanosensory cell-based autonomous environmental monitoring platforms, dynamically self-assembled tissue engineering scaffolds, and biomimetic extracorporeal medical devices.

Interested applicants should send an electronic copy of their CV to Prof. Dan Huh at [huhd@seas.upenn.edu](mailto:huhd@seas.upenn.edu). For more information, please visit our website at <http://biolines.seas.upenn.edu>.