



Opportunities with the Biomaterials Laboratory June 2022

A Postdoctoral Research Associate

Position Supervisor: Prof. Shaoqin Sarah Gong

https://directory.engr.wisc.edu/bme/Faculty/Gong_Shaoqin/

About University of Wisconsin-Madison:

[UW retains top 10 national research ranking, increases research expenditures – State Impact – UW–Madison \(wisc.edu\)](https://wisc.edu)

Position Summary: The Biomaterials Laboratory in the Department of Biomedical Engineering and Department of Ophthalmology and Visual Sciences is searching for a postdoctoral research associate to work on the design, synthesis, characterization, and evaluation of innovative multifunctional drug nanocarriers, which can be used to deliver various types of payloads (e.g., CRISPR genome editors, nucleic acids, proteins, peptides and small molecular drugs). The resulting nanomedicines can be used to treat a wide range of diseases including vascular, brain, liver, lung, and eye diseases. Some of our current research focuses include gene therapy, antimicrobial materials, and immunotherapy. The Gong lab is well equipped and collaborates with many research groups at the University of Wisconsin-Madison School of Medicine and Public Health and conducts highly interdisciplinary research. The Gong lab is located at the Wisconsin Institute for Discovery. <https://discovery.wisc.edu/>

Position Qualification: Candidates should have a PhD degree in a relevant field including Chemistry/Chemical Engineering/Biomedical Engineering/Pharmacy etc. Ideal candidates should have a good publication record and a strong background in polymer chemistry and nanomedicines. Previous experience in gene therapy/genome editing, antimicrobial materials, or immunotherapy would be a plus.

Salary and Benefits: The postdoc salary will be determined based on qualifications following the guidelines from UW-Madison and NIH. Health insurance will be provided following the UW-Madison employee benefit policies.

Start Date: Immediate opening

Application Process: Interested candidates should submit a curriculum vita via email to:

sgong@engr.wisc.edu

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