Biomaterials and Bioinferfaces Postdoc Position
University of Georgia

Research Opportunity: Postdoctoral Research Associate

A postdoctoral research fellow position is open for candidates with a Ph.D. in biomaterials or a closely related field, as well as a strong background and experience in the fields of polymer science, biomaterials, bioengineering, controlled release/delivery, microbiology, antimicrobial testing, microfluidics, biochemistry, and chemistry. As a team member, the successful candidate will work on fast-paced and interdisciplinary projects, including fabricating and characterizing novel polymers, therapeutic controlled release, and testing them using *in vitro* and *in vivo* models for conducting cell/molecular biology and biocompatibility tests. Postdoctoral researcher candidates that are highly independent, self-driven, have excellent communication skills, and are motivated with a passion for research and are encouraged to apply. The initial appointment is full-time for one year, and the renewal is subject to satisfactory performance and continued funding.

Preferred Qualifications and Experience:

- Ph.D. and experience in bioengineering, chemistry, biomaterials, polymers, or closely related fields
- Enthusiastic and determined candidates who are highly self-motivated, independent, creative, detail-oriented, and goal-oriented in their research
- Passion for translational research, confidence in learning new techniques and designing projects independently
- A good team player who performs well in a collaborative and multidisciplinary environment
- Strong oral and written communication skills and an outstanding publication record

Start Date: Summer/Fall 2023

How to Apply: Candidates interested in joining our team can contact the principal investigators, Dr. Elizabeth J. Brisbois (ejbrisbois@uga.edu) and Dr. Hitesh Handa (hhanda@uga.edu), to apply. Please email complete applications that include the following:

1. Cover Letter that highlights relevant experience
2. CV with a complete list of publications
3. Statement of Research Interests
4. Names and contact information for 3 references

About the Lab: The lab is in the new UGA Interdisciplinary STEM research building. Our lab's interdisciplinary research focused on the interface of materials, chemistry, bioengineering, biology, and medicine. Our current research focuses on biomaterials, polymer science, blood-surface interactions, antimicrobial surfaces, antifouling surface, and controlled delivery of therapeutic agents (e.g., nitric oxide). We design novel biomaterials and study their applications in medicine and other relevant fields. Our lab is comprised of an interdisciplinary team including scientists, engineers, and clinicians who aim to study the biocompatibility of medical devices (e.g., insulin delivery systems, catheters, extracorporeal circulation, hemocompatibility, and antimicrobial surfaces). We conduct translational research in an environment that promotes teamwork and collaboration, fosters innovative discoveries, and expedites the translation of these findings to clinical technologies to improve quality of life.

Brisbois Lab

Handa Lab