



October 22, 2023

PhD Positions in Soft and Micro Robotics for Healthcare Applications

Bio-integrated Robotics Lab at [University of Wisconsin-Madison](https://www.wisc.edu) invites applications for PhD positions in Micro and Soft Robotics. Strong candidates interested in multi-disciplinary research fields across Robotics, Soft and Biomaterials, and Micro/nano Technology are highly encouraged to apply. Starting date is flexible with a preference for Spring and Fall '24. Interested candidates should send their package to Dr. Yunus Alapan at yunus.alapan@me.gatech.edu including:

- A short cover letter.
- An updated CV including names of 2-3 references.
- Academic transcripts.

Bio-integrated Research Lab works at the interface of robotics, microtechnology and bioengineering, developing soft micro-robots inspired by nature for healthcare applications. The overarching theme of the group focuses on bionic cellular and tissue robots for size-matched and spatiotemporally resolved physical and biochemical manipulation of cells and tissues, with applications in in vitro disease modeling, therapeutic cell and tissue manufacturing and targeted drug delivery.

Dr. Alapan is an incoming Assistant Professor in the [Department of Mechanical Engineering](https://www.wisc.edu) University of Wisconsin-Madison. He earned his PhD in Mechanical Engineering from Case Western Reserve University and worked as a Postdoctoral Research Associate at Max Planck Institute of Intelligent Systems and Georgia Institute of Technology. Dr. Alapan has [published more than 40 papers](#) in reputable journals, including Nature Materials, Science Robotics, Science Advances, Nature Communications, Nature Immunology, Cell Reports, and PNAS.