

BEAMS

Tennessee Space Institute • Tickle College of Engineering
College of Engineering • BEAMS Research Center • The
EAMS Research Center • The University of Tennessee
the University of Tennessee Space Institute • Tickle Col



• The University of Tennessee Space Insti
Tennessee Space Institute • Tickle College of Engin
Tickle College of Engineering • BEAMS Research Cent
of Engineering • HORIZON Research Center • The
Center • The University of Tennessee Space Insti
see Space Institute • Tickle College of Engineering •
College of Engineering • BEAMS Research Center • The
Center • The University of Tennessee Space Insti

WHAT IS BEAMS?

Founded in 2007, BEAMS (Biomedical Engineering and Materials Science) is a research group focused on the intersection of biomedical engineering and materials science, with much of their research pertaining to medical devices, such as image plates and image-enhancing nanoparticles. In recent years, the BEAMS group has expanded the scope of its research to include energy storage and military applications. They perform characterization of their materials both in-house and at national facilities using state-of-the-art experimental equipment and cutting-edge techniques.

Benefits

Fully funded graduate research assistantships (GRAs) are immediately available.



Tuition waiver



Monthly Stipend



Student Health Coverage



Opportunities to write papers, present at conferences, & work on sponsored research

Research Areas

- ▶ Glass and glass ceramics
- ▶ Diamond-like carbon
- ▶ Iron nanoparticles
- ▶ Ion batteries
- ▶ Thin films and coatings
- ▶ Nanomaterials
- ▶ Carbon materials
- ▶ Theranostics



WANT TO JOIN US?

BEAMS is seeking highly motivated MS and PhD students who would like to develop expertise with materials for medical, energy storage, or military applications through lab-oriented research.



Medical Research

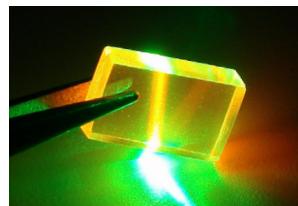
Diverse Faculty & Staff

Lab-Oriented Research

Military & Energy-Related Projects

Intellectual Property Development

Based at the Center for Laser Applications



INTERESTED?

- 1 Reach out to UTSI's Graduate Recruiting and Admissions Office at admit@utsi.edu.
- 2 Contact one of the BEAMS faculty members and schedule a visit. See utsi.edu/beams.
- 3 Apply for admission to the UT Graduate School at apply.gradschool.utk.edu/apply/ and select the program marked **Space Institute**.



THE UNIVERSITY OF
TENNESSEE
KNOXVILLE

SPACE INSTITUTE
AT TULLAHOMA

BEAMS

411 B.H. Goethert Parkway
Tullahoma, TN 37388

p. (931) 393-7402 • **e.** admit@utsi.edu • **w.** utsi.edu/beams