

Funding Announcement for Students: UT CARE Initiative and AR3T 2.0

The UT CARE Initiative, along with AR3T 2.0 would like to announce a unique training fellowship opportunity for **undergraduate, graduate and medical students**.

Students:

- Do you have a **research question** related to recovery after trauma (spinal cord injury, traumatic brain injury, stroke, or other diseases)?
- Do want to **gain experience** in animal models, investigating a disease-based question?
- Are you **interested in designing and implementing rodent-based** “rehab” strategies aimed at restoring function?

The UT CARE Initiative, along with AR3T, is offering research training and financial support, along with lab equipment and research-related resources, to support student education in translational research applications.

This fellowship will provide consultation and hands-on assistance in: (1) the development of clinically relevant rehabilitation protocols to maximize tissue regeneration after injury and disease, including exercise paradigms and rehabilitation modalities such as neuromuscular electrical stimulation; and (2) the identification of measurable functional outcomes in model systems that will reliably determine the efficacy of treatment interventions.

Training in these functional outcomes may include assessments of strength, balance, and gait as well as behavioral assays targeting brain function including learning and memory, sociality, anxiety, and hyperactivity.

Students should submit a 1-page proposal expressing:

- why they are interested in obtaining this fellowship,
- how it might relate to their current research (if applicable),
- also stating previous and current research experience,
- and unofficial transcript from their current institution.

This is a great opportunity for additional training for students that may not otherwise gain experience in pre-clinical models of rehabilitation. Methods learned through this fellowship may lead to additional paid projects with the UT CARE Initiative.

Accepting applications until March 1st, 2024.

Submit 1-page application, along with PIs support letters, if applicable, by email to UT CARE Initiative Executive Director, Dr. Deanna Wallace Donovan:

deanna.wallacedonovan@austin.utexas.edu