ASSISTIVE TECHNOLOGY MISSION

• To enhance the ability of Veterans and Active-Duty Service Members with disabilities to fulfill life goals through the coordination and provision of appropriate interdisciplinary AT services.

• To serve as an expert resource to support the application of AT within the VA health care system.

ASSISTIVE TECHNOLOGY (AT)

AT SERVICES

• Assist Veterans and Active-Duty Service Members in achieving their life goals using AT devices

• Provide consultations, evaluations and training on AT devices & software

• Offer education & caregiver training

• Educes & trains staff

• Provide rehabilitation engineering services

• Offer AT Telehealth services

CONTACT

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McGUIRE VETERANS AFFAIRS MEDICAL CENTER

Assistive Technology Team: Seth Hills, Melissa Oliver, John Miller, Brian Burkhardt
DEFINING REHAB ENGINEERING

Clinical Rehabilitation Engineers are technical experts on assistive technology. They provide recommendations and education to patients and therapists on options that are tailored to the patient’s medical needs as identified by the patient and therapist.

When existing products and assistive technology devices are not enough to meet a patient’s needs, rehabilitation engineers at the McGuire VA Medical Center design, create, and implement custom technology to bridge those gaps. The AT Program utilizes mechanical design software, 3D printers, 3D scanners, custom electronics, and other fabrication tools to create unique patient-centered solutions.

AT SUPPORTS

ADAPTIVE COMPUTER ACCESS
Devices designed to provide alternative computer access for Veterans

ADAPTIVE SPORTS
Recreational sports and equipment enabling Veterans to participate in physical activities

AUGMENTATIVE AND ALTERNATIVE COMMUNICATION (AAC)
Devices and technologies used by Veterans with impairments in gestural, spoken, and/or written modes of communication

ELECTRONIC AIDS TO DAILY LIVING
Devices designed to help with the daily living needs of Veterans who have lost the use of a body part or function

ELECTRONIC COGNITIVE DEVICES
Devices designed to improve the everyday function of Veterans with cognitive impairments

POWERED MOBILITY & SEATING (EXCLUDES SCOOTERS)
Devices designed to improve and optimize mobility