

# SPINAL CORD INJURY RESEARCH PROGRAM (SCIRP)



## VISION

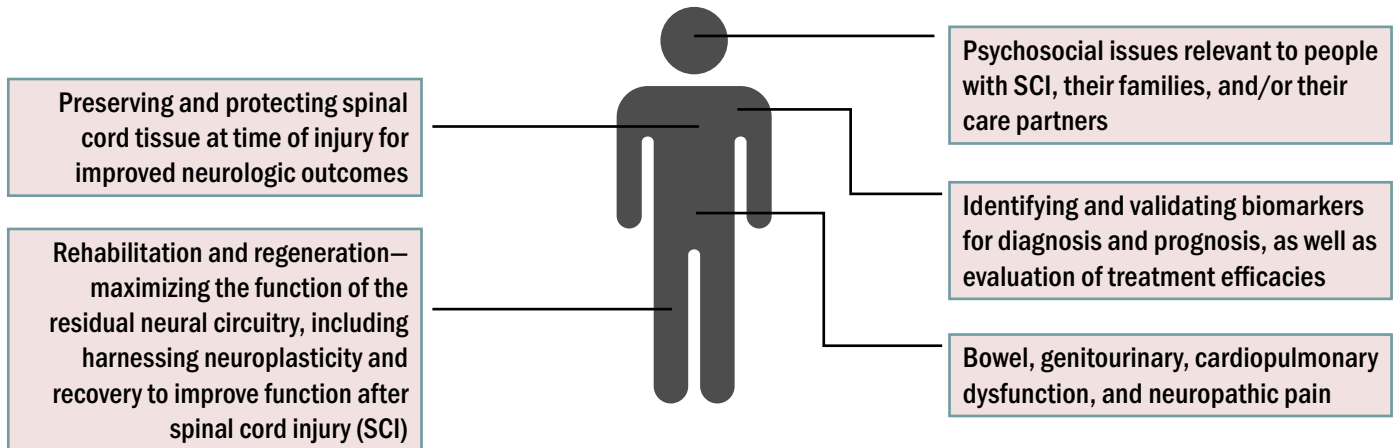
Advance the treatment and management of spinal cord injury and ameliorate its consequences relevant to injured Service Members

**FY21  
Appropriation  
\$40M**



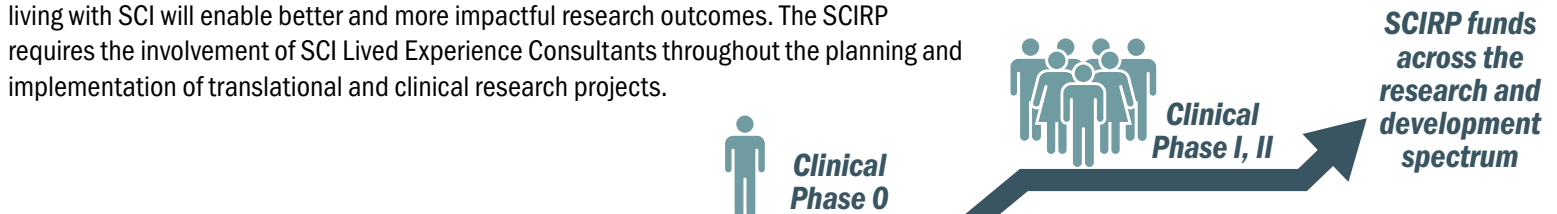
## FY21 FOCUS AREAS

SCIRP uses Focus Areas to target research funding to the highest program priority needs.



## SCI LIVED EXPERIENCE CONSULTATION

The SCIRP believes that capturing and integrating the unique perspectives of people living with SCI will enable better and more impactful research outcomes. The SCIRP requires the involvement of SCI Lived Experience Consultants throughout the planning and implementation of translational and clinical research projects.



### FUNDED FY20 INVESTIGATOR-INITIATED RESEARCH AWARD

- **The Impact of Injustice Appraisals on Psychosocial Outcomes Following Spinal Cord Injury: A Longitudinal Study**, *Dr. Kimberley Monden, University of Minnesota*
- **Chronic Studies of Spinal Cord Stimulation for Restoration of Bladder Function**, *Dr. Warren Grill, Duke University*



### FUNDED FY20 TRANSLATIONAL RESEARCH AWARD

- **Anticipating Efficacy of Nerve Transfers in SCI Using Quantitative Neurophysiology**, *Dr. Justin Brown, Massachusetts General Hospital*
- **Eccentric Motor Training with Neuromodulation and Biomarkers for Rehabilitation Readiness in Subacute SCI**, *Dr. Michele Basso, The Ohio State University*



**Clinical Phase I, II**

**SCIRP funds across the research and development spectrum**

### FUNDED FY20 CLINICAL TRIAL AWARD

- **Development of a Novel Soluble Epoxide Hydrolase Inhibitor as a Strategy for Treating Neuropathic Pain in Patients with Spinal Cord Injury**, *Dr. Laura Carbone, Augusta University*
- **Dosing of Overground Robotic Gait Training with Functional Outcomes and Neuroplasticity After Spinal Cord Injury (DOOR SCI)**, *Dr. Chad Swank, Baylor Scott & White Research Institute*
- **Monitoring Spinal Cord Hemodynamics with Near-Infrared Spectroscopy After Acute Spinal Cord Injury**, *Dr. Brian Kwon, University of British Columbia*

**For More Information Visit: <https://cdmrp.army.mil/funding/scirp>**