MISSION: To fund research and encourage multidisciplinary collaborations for the development and translation of more effective strategies to improve the health and well-being of Service Members, Veterans, and other individuals with spinal cord injury.

SPINAL CORD INJURY RESEARCH PROGRAM

FY22 Funding Mechanisms

- **$500K** Investigator-Initiated Research Award (IIRA)
- **$600K** IIRA - ECPPIO
- **$1.25M** Translational Research Award (TRA)
- **$1.35M** TRA - ECPPIO
- **$3M** Clinical Trial Award (CTA)
- **$3.1M** CTA - ECPPIO

Early Career Partnering Principal Investigator Option (ECPPIO)

An early-career partnering Principal Investigator (PI) option will be available for all funding mechanisms. If exercised, this option allows 2 awards to be made for funded projects with the early-career investigator named as PI of their own award.

Deadlines

- **23 May 2022** Pre-Applications Due
- **2 September 2022** Full Applications Due
- **November 2022** Peer Review
- **January 2023** Programmatic Review

FY22 Focus Areas

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

- Preserving and protecting spinal cord tissue at time of injury for improved neurologic outcomes
- Identifying and validating biomarkers for diagnosis, prognosis, and for evaluation of treatment efficacies
- Developing, testing, and validating promising interventions to address bowel, genitourinary, neuropathic pain, cardiopulmonary, or autonomic dysfunction in people with SCI
- Investigating psychosocial issues relevant to people with SCI, their families, and/or their care-partners
- Rehabilitation and regeneration — maximizing the function of the residual neural circuitry, including harnessing neuroplasticity and recovery to improve function after SCI
Employing Community Collaborations

The Spinal Cord Injury Research Program (SCIRP) believes that capturing and integrating the unique perspectives of people living with SCI, through collaborative research approaches, will enable better and more impactful research outcomes. Research teams are therefore required to establish and utilize effective and equitable collaborations and partnerships with community members to maximize the translational and impact potential of the proposed research. Collaborative research approaches may include Lived Experience Consultants, partnership with community-based organizations, or establishment of Community Advisory Boards, which will provide advice and consultation throughout the planning and implementation of research projects.

- Community Partner(s) are named at the time of pre-application submission.
- A Collaborative Research Plan is submitted with the full application.
- IIRA applications are exempt from this requirement.

Spinal Cord Injury is a whole body problem requiring healthcare solutions addressing the entire continuum of care.

Funded FY20 Investigator-Initiated Research Awards
- 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 Awards
- 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

SCIRP Portfolio by Primary Care Topic

- Sociological $14M
- Acute SCI Management $24M
- SC Pathology & Repair $57M
- SCI: Motor/Sensory Function $73M
- SCI: Secondary Health Effects $113M
- Grand Total $281M

SCIRP Portfolio by Healthcare Solutions

- Devices
- Drugs
- Diagnostics
- Combination Interventions
- Biologics
- Discovery
- Individual & Community
- Surgical
- Activity & Lifestyle
- Assistive Devices

For more information, visit: https://cdmrp.army.mil/funding/scirp