Spinal Cord Injury Research Program

**VISION**

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

**FUNDING MECHANISMS**

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

**NEW FOR FY21**

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

**CHALLENGES**

- 300,000 living with spinal cord injury
- ~17,000 new cases a year

**DEADLINES**

- **24 May 2021**: Pre-Applications Due
- **3 September 2021**: Full Applications Due
- **November 2021**: Peer Review (anticipated)
- **January 2022**: Programmatic Review (anticipated)

**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
- Rehabilitation and regeneration—maximizing the function of the residual neural circuitry, including harnessing neuroplasticity and recovery to improve function after SCI
- Psychosocial issues relevant to people with spinal cord injury (SCI), their families, and/or their care partners
- Identifying and validating biomarkers for diagnosis and prognosis, and for evaluation of treatment efficacies
- Bowel, genitourinary, cardiopulmonary dysfunction, and neuropathic pain
All proposed projects should clearly describe how the proposed research project is applicable to spinal cord-injured military Service members, Veterans, and/or their family members and care partners.

SCIRP funds across the research and development spectrum.

**SCI Lived Experience Consultation**

The Spinal Cord Injury Research Program (SCIRP) believes that capturing and integrating the unique perspectives of people living with SCI will enable better and more impactful research outcomes. Thus, starting in FY19, SCIRP began requiring the involvement of SCI Lived Experience Consultants throughout the planning and implementation of translational and clinical research projects.

- Consultant(s) are named at the time of pre-application submission.
- An SCI Lived Experience Consultation Plan is submitted with the full application.
- IIRA applications are exempt from this requirement.

**Spinal Cord Injury is a whole body problem requiring both acute and lifelong solutions. SCIRP acknowledges this and seeks solutions across the continuum of care.**

**Healthcare Solution Investment**

- Devices: $57.2M
- Drugs: $53.5M
- Diagnostics: $34.5M
- Combinations: $21.3M
- Biologics: $18.4M
- Psychosocial: $11.7M
- Surgical: $11.4M
- Activity: $11.1M
- Assistive Tools: $8.9M

**Readiness Investment**

- Acute Injury: $56M
- Chronic Injury: $191M

**Investment FY09-FY19**

- $121.3M
- $92.9M
- $31.1M

**For More Information Visit:**

https://cdmrp.army.mil/funding/scirp