Call for Social Media Coordinator!

Calling all DPT and PTA Students!

Are you interested in getting more involved?
Are you interested in spinal cord injury?

We are opening applications for a new student position -
Social Media Coordinator

- The position is a 1-year term starting July 1, 2019.
- You will receive mentorship completing the tasks.
- Requirements to apply:
  - Currently enrolled in a physical therapy or physical therapy assistant program
  - Eager to learn through mentorship and to get involved
  - That's it! No neurologic PT knowledge or experience is necessary!

Interested? Apply here! Applications due May 25, 2019!

Questions? Contact Christi Hutchison, PT, MPT, NCS.

2019 ANPT Award Nominations

Each year the ANPT recognizes its members for their outstanding work. Now is the time to submit a nomination for the following awards!

- Service to the Academy
- Early Career Professional Award
- Excellence in Neurologic Education Award
- PT Clinical Excellence in Neuro Physical Therapy
PTA Clinical Excellence in Neuro Physical Therapy
Excellence in Neurologic Research
Outstanding Clinical Innovator in Neuro Physical Therapy
Outstanding Advocacy in Neuro Physical Therapy

Nominations are due **August 1, 2019**!

Those selected will be recognized at the ANPT Membership Meeting at CSM in Denver, CO, February 14, 2020!

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**SCI SIG Research Review**

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Please see this month's research articles below!

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  * **ABSTRACT EXCERPT**: Spinal cord injury (SCI) impairs the flow of sensory and motor signals between the brain and the areas of the body located below the lesion level. Here, we describe a neurorehabilitation setup combining several approaches that were shown to have a positive effect in patients with SCI: gait training by means of non-invasive, surface functional electrical stimulation (sFES) of the lower-limbs, proprioceptive and tactile feedback, balance control through overground walking and cue-based decoding of cortical motor commands using a brain-machine interface (BMI). The central component of this new approach was the development of a novel muscle stimulation paradigm for step generation using 16 sFES channels taking all sub-phases of physiological gait into account.


  * **OBJECTIVE**: The goal of this review was to evaluate the evidence regarding the use of virtual reality (VR) therapy for improvement of mobility in patients with spinal cord injury (SCI).


  * **OBJECTIVES**: Individualized training regimes are often based on ventilatory thresholds (VTs). The objectives were to study: (1) whether VTs during arm ergometry could be determined in individuals with spinal cord injury (SCI), (2) the intrarater and interrater reliability of VT determination.

transfer assessment instrument version 3.0 in individuals with acute spinal cord injury in early rehabilitation phase. Hong Kong Physiotherapy Journal: Official Publication of the Hong Kong Physiotherapy Association Limited = Wu Li Chih Liao, 38, 2, 115-123.

- **BACKGROUND**: Transfers are very important in functional activities of subjects with spinal cord injury (SCI). The transfer assessment instrument (TAI) was the first tool to standardize the assessment of transfer technique. **OBJECTIVE**: The purpose of this study was to establish the reliability and validity of TAI 3.0 in people with SCI in early rehabilitation phase.


  - **OBJECTIVE**: To compare outcome for patients with traumatic (TSCI) and non-traumatic spinal cord injuries (NTSCI) after primary rehabilitation regarding neurological improvement measured by the American Spinal Injury Association Impairment Scale (AIS), length of stay and complications.

If you have suggestions or interest in participating in this SCI Research Review, please contact us [here](#).

### Upcoming Conferences: 2019

**Rehab Week 2019**
June 24 - 28, 2019 - Toronto, Canada ([Metro Toronto Convention Centre](#))

"RehabWeek is a week-long event that brings together different conferences in the field of rehabilitation technology at the same time and place in order to foster cross-disciplinary communication and the development of relationships between different players."

- Register [here](#)
- For more information, visit the Rehab Week [website](#)

**Paralyzed Veterans of America (PVA) 2019 Annual Summit**
August 15 - 17, 2019 - Orlando, FL ([Renaissance Orlando at SeaWorld Hotel](#))

- Click [here](#) to register!
- Review the program [here](#)
- Check out the PVA Annual Summit [website](#) for more information!

**Academy of SCI Professionals (ASCIP) Conference and Expo**
2019

Many Minds. One Vision.
September 1-4, 2019 - Nashville, TN

- Discounted registration prices if registered by Friday, July 19, 2019!
- Online registration will open this spring!
- Check out the ASCIP Meeting Website for more information!

58th International Spinal Cord Society (ISCoS) Meeting 2019
Annual Scientific Meeting
November 5 - 7, 2019 - Nice, France

- Registration will be opening soon!
- Check out the ISCoS website for more information!

Upcoming Conferences: 2020

APTA Combined Sections Meeting (CSM) 2020
February 12 - 15, 2020 - Denver, CO

- Research Posters and Platforms: due Friday July 12, 2019!
- Registration will open September 18, 2019!
- Housing and travel information will also be posted on September 18, 2019!
- Click here for more information!

American Spinal Injury Association (ASIA) 2020
Annual Scientific Meeting
May 4-7, 2020 - New Orleans, LA (New Orleans Marriott)

- Call for abstracts will open Summer 2019!
- ASIA 2020 is currently being planned! Email the ASIA office if you have topic and/or speaker suggestions!
- Click here for more information!
Visit the ANPT online!

Thank you!

**ANPT SCI SIG Officers**
Rachel Tappan, PT, DPT, NCS, Chair
Meghan Joyce, PT, DPT, NCS, Vice-Chair
Casey Kandilakis, PT, DPT, NCS, Secretary
Cathy Larson, PT, PhD, Nominating Committee Chair
Christi Hutchison, PT, MPT, NCS, Nominating Committee
Sara Hobbs, PT, DPT, NCS, Nominating Committee