

## Rachel Hibbs

---

### Education:

**University of Pittsburgh, School of Health and Rehabilitation Science, Pittsburgh, PA**  
Doctor of Physical Therapy  
Graduation Date: April 28, 2013

**University of Pittsburgh, School of Health and Rehabilitation Science, Pittsburgh, PA**  
Bachelor of Science Rehabilitation Science, Pathokinesiology Certificate  
Graduation Date: May 2, 2010

### License:

**Commonwealth of Pennsylvania** 2013-Present  
Physical Therapist- PT022834

### Certifications:

**Assistive Technology Professional** 2019-Present  
Rehabilitation Engineering and Assistive Technology Society of North America

**Board Certified Neurologic Clinical Specialist** 2020-Present  
American Board of Physical Therapy Specialties

### Related Work Experience:

**University of Pittsburgh-Pittsburgh, PA** February 2020-Present  
School of Health and Rehabilitation Science, Department of Rehabilitation Science and Technology  
**Assistant Professor, Director of Continuing Education**

**University of Pittsburgh- Pittsburgh, PA** 2018- January 2020  
School of Medicine, Department of Physical Medicine and Rehabilitation  
**Clinical Research Therapist**

**Veterans Affairs Medical Center- Cleveland, OH** 2017-2018  
Center of Excellence: Spinal Cord Injury/ Disease Service  
**Staff Physical Therapist: SCI/D**

**University of Pittsburgh Medical Center- Pittsburgh, PA** 2013-2017  
Centers for Rehab Services  
**Staff Physical Therapist: Spinal Cord Injury Rehabilitation**

**University of Pittsburgh- Pittsburgh, PA** 2016-Present  
School of Health and Rehabilitation Science, Department of Physical Therapy  
**Clinical Faculty, Adjunct Instructor**

### Selected Publications:

Rigot S, Boninger ML, Ding D, McKernan G, Field-Fote EC, Hoffman J, **Hibbs R**, Worobey LA. Towards Improving the Prediction of Functional Ambulation after Spinal Cord Injury Through the Inclusion of Limb Accelerations During Sleep and Personal Factors. Arch Phys Med Rehabil. In Press

Everhart J, Somers M, **Hibbs RM** & Worobey LA (2021) Clinical utility during inpatient rehabilitation of a clinical prediction rule for ambulation prognosis following spinal cord injury, The Journal of Spinal Cord Medicine, In Press: DOI: [10.1080/10790268.2021.1888024](https://doi.org/10.1080/10790268.2021.1888024)

Worobey LA, Hibbs RM, Rigot SK, Huzinec R, Sung JH, Rice LA (2021) Intra- and Inter-Rater Reliability of Remote Assessment of Transfers by Wheelchair Users Using the Transfer Assessment Instrument (version 4.0). Arch Phys Med Rehabil. 2021 Mar 9; DOI <https://doi.org/10.1016/j.apmr.2020.12.032>

Worobey LA, Kirby RL, Cowan RE, Dyson-Hudson TA, Shea M, Heinemann AW, Pedersen JP, **Hibbs R**, Boninger ML. Using remote learning to teach clinicians manual wheelchair skills: a cohort study with pre- vs post-training comparisons. *Disabil Rehabil Assist Technol*. 2020 Aug 18:1-8. doi: 10.1080/17483107.2020.1804633. Epub ahead of print. PMID: 32809896.

*Selected Presentations:*

<b>International Spine and Spinal Cord Injuries Conference</b> “Assistive Technology Practice: View During COVID-19” Symposium Presentation	December 2020 New Dehli, India- Virtual
<b>Pennsylvania Physical Therapy Association Move PA Conference</b> “When the Rubber Meets the Road: Wheelchair skills in the real world” Symposium Presentation	October 2019 Somerset, PA
<b>Pennsylvania Physical Therapy Association Move PA Conference</b> “SCI 101: Essentials for Best Practice” Symposium Presentation	October 2019 Somerset, PA
<b>Academy of Spinal Cord Injury Professionals Annual Meeting</b> “Web-Based Training: Evidence and Resources for Clinicians and Wheelchair Users” Symposium Presentation	September 2019 Nashville, TN
<b>Academy of Spinal Cord Injury Professionals Annual Meeting</b> “Accessibility of Theme Parks: Tips for People with Spinal Cord Injury” Symposium Presentation	September 2019 Nashville, TN
<b>Paralyzed Veterans of America Healthcare Summit and Expo</b> “Wheelchair Skills Assessment and Training: A Hands On Practical Workshop for SCI Clinicians” Pre-Conference Workshop	August 2019 Orlando, FL
<b>Rehabilitation Institute of Pittsburgh 5th Annual Current Concepts in SCI Rehabilitation</b> “State of the Science: Updates on Robotics” Symposium Presentation	April 2019 Pittsburgh, PA
<b>American Congress of Rehabilitation Medicine Spring Meeting</b> “Practical Hands-on Wheelchair Skills Training” Symposium Presentation	April 2019 Chicago, IL
<b>International Seating Symposium</b> “From Wheelies to the Real World” Pre-conference Workshop	March 2019 Pittsburgh, PA
<b>International Seating Symposium</b> “Physics for Therapists” Symposium Presentation	March 2019 Pittsburgh, PA
<b>APTA Combined Sections Meeting</b> “Get Rolling! Advanced Wheelchair Skills Training Empowers Optimized Mobility” Symposium Presentation	February 2019 Washington, DC
<b>16<sup>th</sup> Physiotherapy Conference of the Chinese Association of Rehabilitation Medicine</b> “Technology in SCI Rehabilitation” Keynote Presentation	September 2018 Nanjing, China

**International Seating Symposium** March 2017  
"Group Wheelchair Skills Training: Setting and Achieving Goals" Nashville, TN  
Symposium Presentation

**Academy of Spinal Cord Injury Professionals Annual Meeting** September 2016  
"Short-Stay Rehabilitation for Patients with Metastatic Spinal Cord Compression" Nashville, TN  
Symposium Presentation

**Academy of Spinal Cord Injury Professionals Annual Meeting** September 2015  
Abstract: "Rehabilitation of Older Adults with Spinal Cord Injury" New Orleans, LA  
Symposium Presentation

Awards:

**UPMC Community Provider Services Quality Fair: Process Improvement Award** 2019  
**Patricia Leahy Memorial Award for Neurologic Rehabilitation** 2013  
**UPMC CRS Leadership Award** 2013  
**Pittsburgh-Marquette Challenge Coordinator/Team Award Winner** 2010-2012

Activities:

**Pittsburgh Steelwheelers Advisory Board** 2020- Present  
**National Wheelchair Basketball Association Classifier** 2019-Present  
**Academy of Spinal Cord Injury Professionals Early Career and Trainee Support Committee Co-Chair** 2018-Present  
**UPMC SCI Conference Director** 2018-Present  
**Pittsburgh Marathon Handcycle Medical Team** 2017-Present  
**UPMC Rehabilitation Institute Wheelchair Wash Volunteer** 2013-Present  
**Pittsburgh Steelwheelers Wheelchair Basketball Team Classifier** 2016-Present  
**Cleveland Wheelchair Cavaliers Wheelchair Basketball Team Classifier** 2016-Present