

Loren Thomas Davidson, M.D.

Philosophy of Care	My goal is to maximize quality of life by optimizing function, autonomy and independence while promoting health and participation.
Clinical Interests	Dr. Davidson is a pediatric rehabilitation specialist who specializes in taking care of children with congenital and acquired disability. His areas of clinical interest and expertise include spinal cord injury, cerebral palsy, and spasticity management.
Research/Academic Interests	Dr. Davidson's research at this time explores the use of telemedicine to provide specialty medical care to rural and underserved communities.
Title	Health Sciences Clinical Professor PM&R Residency Program Director Pediatric Rehabilitation Medicine Fellowship Director
Specialty	Pediatric Rehabilitation Medicine
Department	Physical Medicine and Rehabilitation Pediatrics
Division	Physical Medicine and Rehabilitation Pediatric Orthopaedics
Center/Program Affiliation	UC Davis Children's Hospital
Address/Phone	Shriners Hospital for Children, 2425 Stockton Blvd. Suite 718 Sacramento, CA 95817 **Phone:** 800-2-UCDAVIS (800-282-3284)
Additional Phone	Clinic Phone: 916-453-2000 Clinic Fax: 916-453-2202 Clinic Referral Phone: 916-453-2180 Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., UC Davis School of Medicine, Sacramento CA 2002 B.S., UC San Diego, San Diego CA 1998
Internships	Physical Medicine and Rehabilitation, UC Davis Health, Sacramento CA 2002-2003
Residency	Physical Medicine and Rehabilitation, UC Davis Health, Sacramento CA 2003-2006
Fellowships	Physical Medicine and Rehabilitation/Pediatric Rehabilitation Medicine, The Children's Hospital University of Colorado, Aurora CO 2006-2008
Board Certifications	American Board of Physical Medicine and Rehabilitation American Board of Physical Medicine and Rehabilitation-Pediatric Rehabilitation Medicine

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Professional Memberships

American Academy for Cerebral Palsy and Developmental Medicine
American Academy of Physical Medicine and Rehabilitation
American Spinal Injury Association
Association of Academic Physiatrists

Honors and Awards

Sacramento Magazine: Top Doctors: Physical Medicine and Rehabilitation, Dec: 2016, 2017, 2018, 2019, 2020
Program for Academic Leadership (PAL) through the Association of Academic Physiatrists (AAP)
Mentorship and training course: AAP annual conference, 2015, 2016, 2017
David D. Kilmer, MD, Outstanding Faculty Teaching Award, 2010, 2012
Scholarship to Advance Research in Spasticity (STARS) Program, Research Grant, 2007
Alpha Omega Alpha, Honor Medical Society, September, 2005
Honors in Physical Medicine and Rehabilitation, UC Davis, 2002
Merit Scholarship, UC San Diego

Select Recent Publications

Davidson L, Haynes SC, Favila-Meza A, Hoch JS, Tancredi DJ, Bares AD, Mouzoon J, Marcin JP. Parent Experience and Cost Savings Associated with a Novel Tele-physiatry Program for Children Living in Rural and Underserved Communities. Arch Phys Med Rehabil. 2021 Aug 21:S0003-9993(21)01367-8. doi:10.1016/j.apmr.2021.07.807. Epub ahead of print. PMID:34425088.

Vova JA, Davidson LT. Nerve and Tendon Transfers After Spinal Cord Injuries in the Pediatric Population: Clinical Decision Making and Rehabilitation Strategies to Optimize Function. Phys Med Rehabil Clin N Am. 2020 Aug;31(3):455-469. doi:10.1016/j.pmr.2020.04.006. Epub 2020 Jun 9. PMID:32624105.

Vova JA, Davidson LT. Nerve and Tendon Transfers After Spinal Cord Injuries in the Pediatric Population: Clinical Decision Making and Rehabilitation Strategies to Optimize Function. Phys Med Rehabil Clin N Am. 2020 Aug;31(3):455-469. doi:10.1016/j.pmr.2020.04.006. Epub 2020 Jun 9. PMID:32624105.

Davidson L, Oleszek J, Powell A. Cerebral Palsy. Chapman's Orthopedics. 4th edition. Jaypee Bros., New Delhi, India. 2019 Jan 31;4(281):5599-5615.

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Ni P, Mulcahey MJ, Slavin MD, Thielen CC, Vogel LC, Sadowsky C, Davidson LT, Jette AM. Tracking Spinal Cord Injury Functional Outcomes Across the Lifespan: Validation of Linking Coefficients. Arch Phys Med Rehabil. 2019 Oct;100(10):1924-1931. doi:10.1016/j.apmr.2019.05.022. Epub 2019 May 30. PMID:31153853.

Mulcahey MJ, Thielen CC, Sadowsky C, Silvestri JL, Martin R, White L, Cagney JA, Vogel LC, Schottler J, Davidson L, Parry I, Taylor HB, Higgins K, Feltz ML, Sinko R, Bultman J, Mazurkiewicz J, Gaughan J. Despite limitations in content range, the SCIM-III is reproducible and a valid indicator of physical function in youths with spinal cord injury and dysfunction. Spinal Cord. 2018 Apr;56(4):332-340. doi:10.1038/s41393-017-0036-0. Epub 2017 Dec 22. PMID:29269778.

Davidson LT, Oleszek JO. Rehabilitation Medicine, Chapter 712: Spasticity. Nelson's Textbook of Pediatrics, 21st Edition. Elsevier. 2017;712:pp. (Revision of previous chapter in process).

Calhoun Thielen C, Sadowsky C, Vogel LC, Taylor H, Davidson L, Bultman J, Gaughan J, Mulcahey MJ. Evaluation of the Walking Index for Spinal Cord Injury II (WISCI-II) in children with Spinal Cord Injury (SCI). Spinal Cord. 2017 May;55(5):478-482. doi:10.1038/sc.2016.142. Epub 2016 Oct 18. PMID:27752056.

Davidson L, Oleszek J, Powell A. Cerebral Palsy. Chapman's Orthopedics. 2015.

Powell A, Davidson L. Pediatric spinal cord injury: a review by organ system. Phys Med Rehabil Clin N Am. 2015 Feb;26(1):109-32. doi:10.1016/j.pmr.2014.09.002. PMID:25479784.

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