

Erik K. Henricson, Ph.D., M.P.H.

Clinical Interests	Dr. Hennricson has been studying people with Duchenne muscular dystrophy (DMD) research since the late 1990s. As the former co-director of the Cooperative International Neuromuscular Research Group, a multinational multidisciplinary collaboration of researchers (genetics, veterinary medicine, pharmacology, neurology, rehabilitation medicine, public health), he set out to conduct what is now the largest and longest running study of the progression of DMD. The data are being used by academia, pharma industry and government regulatory agencies to help develop novel new gene- and drug-based therapies to improve outcomes in the disease.
Research/Academic Interests	Dr. Henricson has experience in development, regulatory approval and logistical management of multicenter, international investigator-initiated clinical trials in pediatric rare diseases. His research focuses on the epidemiology of the disease, development of clinical trial outcome measures and biomarkers of disease progression, clinical study design, and most recently via studies in development of clinical and patient-reported outcome measures of community mobility and participation in daily activities. Currently, his major projects focus on development of tools for patients and their parents to report physical ability in activities of daily living and on measurement of mobility in the community using machine learning approaches to analysis of motion data from commonly available mobile devices.
Title	Vice Chair and Chair, UC Davis Institutional Review Board Director, CTSC Regulatory Knowledge & Support Program Associate Director, Neuromuscular Research Lab Associate Professor, Department of Physical Medicine & Rehabilitation
Specialty	Neuromuscular Disease, Human Development
Department	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation
Center/Program Affiliation	Clinical and Translational Science Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Sacramento, CA 95817
Additional Phone	Phone: 916-734-7041
Education	M.P.H., Health Promotion and Disease Prevention, George Washington University School of Medicine, Washington DC 1999

Erik K. Henricson, Ph.D., M.P.H.

Fellowships

Ph.D., Human Development, UC Davis, Davis CA 2016
B.S., Health Policy & Administration, The Pennsylvania State University, State College PA 1993
Collaborative Evaluation Fellowship, American Cancer Society, Atlanta GA 1998-1999
Research Fellow, The Genetics & Society Project, University of Montreal, Montreal, QC, Canada 2003

Professional Memberships

American Academy of Cerebral Palsy and Developmental Medicine, Fellow
American Academy of Neurology
American Association of Neuromuscular and Electrodiagnostic Medicine
Cooperative International Neuromuscular Research Group (CINRG)
UC Davis Computer Science Graduate Group
UC Davis Human Development Graduate Group
World Muscle Society

Honors and Awards

American Academy of Neurology Scientific Program Highlight, Top 5% Clinical Impact Recognition, 2008, 2009, 2015
Top Cited Articles in Muscle & Nerve, 2014

Select Recent Publications

To view a detailed list of Dr. Henricson's publications, please [click here](#).

Landfeldt E, Iff J, Henricson EK and the CINRG Investigators. Rasch Analysis of the Pediatric Quality of Life Inventory 4.0 Generic Core Scales Administered to Patients with Duchenne Muscular Dystrophy. *Value Health*. 2021 Oct;24(10):1490-1498. doi:10.1016/j.jval.2021.05.016. Epub 2021 Sep 9. PMID:34593173.

McDonald CM, Ramirez-Sanchez I, Oskarsson B, Aguilar C, Nicorici A, Joyce N, Reddy D, Wagner A, Goude E, Abresch RT, Villarreal F, Ceballos G, Perkins G, Dugar S, Schreiner G, Henricson EK. (-)-epicatechin induces mitochondrial biogenesis and muscle regeneration in adults with Becker muscular dystrophy. *Muscle Nerve*. 2021 Feb;63(2):239-249. doi:10.1002/mus.27108. Epub 2020 Dec 16. PMID:33125736.

Clemens PR, Niizawa G, Feng J, Florence J, Smith-D'Alessandro A, Morgenroth L, Gorni K, Guglieri M, Connolly A, Wicklund M, Bertorini T, Mah J, Thangarajh M, Smith E, Kuntz N, McDonald CM, Henricson EK, Phan H, Byrne B, Manousakis G, Harper A, Braver E, Iannaccone S,

Erik K. Henricson, Ph.D., M.P.H.

Spurney C, Gordish-Dressman H and the CINRG BNHS Investigators. The CINRG Becker Natural History Study: Baseline Characteristics. Muscle & Nerve. 2020 Sep;62(3):369-376. doi: 10.1002/mus.27011. Epub 2020 Jul 24. PMID:32564389.

Hathout Y, Liang C, Ogundele M, Xu G, Tawalbeh S, Dang U, Hoffman EP, Gordish-Dressman H, Conklin L, van den Anker J, Clemens PR, Mah JK, Henricson E, McDonald CM. Disease-specific and glucocorticoid-responsive serum biomarkers for Duchenne Muscular Dystrophy. Sci Rep. 2019 Aug 21;9(1):12167. doi:10.1038/s41598-019-48548-9. PMID:31434957.

Hathout Y, Liang C, Ogundele M, Xu G, Tawalbeh S, Dang U, Hoffman EP, Gordish-Dressman H, Conklin L, van den Anker J, Clemens PR, Mah JK, Henricson E, McDonald CM. Disease-specific and glucocorticoid-responsive serum biomarkers for Duchenne Muscular Dystrophy. Sci Rep. 2019 Aug 21;9(1):12167. doi:10.1038/s41598-019-48548-9. PMID:31434957.

Thangarajh M, Spurney CF, Gordish-Dressman H, Clemens PR, Hoffman EP, McDonald CM, Henricson EK; CINRG Investigators. Neurodevelopmental Needs in Young Boys with Duchenne Muscular Dystrophy (DMD): Observations from the Cooperative International Neuromuscular Research Group (CINRG) DMD Natural History Study (DNHS). PLoS Curr. 2018 Oct 17;10:ecurrents.md.4cdeb6970e54034db2bc3dfa54b4d987. doi:10.1371/currents.md.4cdeb6970e54034db2bc3dfa54b4d987. PMID:30443431.

McDonald CM, Henricson EK, Abresch RT, Duong T, Joyce NC, Hu F, Clemens PR, Hoffman EP, Cnaan A, Gordish-Dressman H; CINRG Investigators. Long-term effects of glucocorticoids on function, quality of life, and survival in patients with Duchenne muscular dystrophy: a prospective cohort study. Lancet. 2018 Feb 3;391(10119):451-461. doi:10.1016/S0140-6736(17)32160-8. Epub 2017 Nov 22. PMID:29174484.

Finder J, Mayer OH, Sheehan D, Sawnani H, Abresch RT, Benditt J, Birnkrant DJ, Duong T, Henricson E, Kinnett K, McDonald CM, Connolly AM. Pulmonary Endpoints in Duchenne Muscular Dystrophy. A Workshop Summary. Am J Respir Crit Care Med. 2017 Aug 15;196(4):

Erik K. Henricson, Ph.D., M.P.H.

512-519. doi:10.1164/rccm.201703-0507WS. PMID:28636407.

Henricson E, Abresch R, Han JJ, Nicorici A, Goude Keller E, de Bie E, McDonald CM. The 6-Minute Walk Test and Person-Reported Outcomes in Boys with Duchenne Muscular Dystrophy and Typically Developing Controls: Longitudinal Comparisons and Clinically-Meaningful Changes Over One Year. PLoS Curr. 2013 Jul 8;5:ecurrents.md.9e17658b007eb79fcd6f723089f79e06. doi: 10.1371/currents.md.9e17658b007eb79fcd6f723089f79e06. PMID:23867975.

© 2024 UC Regents