Curriculum Vitae

Personal Information		
Title (i.e. Pf., Dr., etc.)	**Professor**	
Name (First name_Middle name_Last name)	**Paul Stephen Cederna**	
Degree (i.e. MD, Msc, PhD, etc.)	**MD**	
Country	**USA**	
Affiliation	**University of Michigan**	

Educational Background

University of Michigan College of Engineering, BSE, Biomedical Engineering
University of Michigan Medical School, MD
University of Iowa Hospitals and Clinics, General SurgeryResidency
University of Iowa Hospitals and Clinics, Microsurgery Fellowship,
University of Michigan Health System, Plastic and Reconstructive Surgery Fellowship
National Institute of Health Research Fellowship, Muscle Mechanics Laboratory

Professional Experience

410 published peer reviewed manuscripts
38 book chapters
900 invited presentations
80 national research awards
$54,000,000 USD Funded Grants

Professional Organizations

Past-Chairman of American Board of Plastic Surgery
Past-President of Plastic Surgery Foundation
Past-President of Plastic Surgery Research Council
Past-President of American Society of Peripheral Nerve
Vice-President of American Association of Plastic Surgeons
Vice-Chairman of American College of Graduate Medical Education Plastic Surgery RRC

Main Scientific Publications

1. Vu PP, Vaskov AK, Lee C, Jillala RR, Wallace DM, Davis AJ, Kung TA, Kemp SWP, Gates DH, Chestek CA, Cederna PS. Long Term Upper Extremity Prosthtic Control Using Regenerative Peripheral Nerve Interfaces and Implanted EMG Electrodes. Journal of Neural Engineering 20:2, 026039, 2023.
2. Adidharma W, Khouri A, Lee J, Vanderburg K, Kung TA, Cederna PS, Kemp SWP. Sensory Nerve Regeneration and Reinnervation In Muscle Following Peripheral Nerve Injury. Muscle and Nerve 66:4, 384-396, 2022.
3. Peterson JR, De La Rosa S, Eboda O, Cilwa KE, Agarwal S, Buchman SR, Cederna PS, Xi C, Morris MD, Herndon DN, Xiao W, Tompkins RG, Kresbach PH, Wang SC, Levi B. Treatment of Heterotopic Ossification Through Remote ATP Hydrolysis. Science Translational Medicine 6:255, 132-144, 2014.
4. Vu PP, Vaskov AK, Irwin ZT, Henning PT, Lueders DR, Laidlaw AT, Davis AJ, Nu CS, Gates DH, Gillespie RB, Kemp SWP, Kung TA, Chestek CA, Cederna PS. A Regenerative Peripheral Nerve Interface Allows Real-Time Control of an Artificial Hand In Upper Limb Amputees. Science Translational Medicine 12:533, DOI: 10.1126/scitranslmed.aay2857, 2020.