

The Los Angeles Stroke Rehabilitation Network



Stroke Rehabilitation Continuing Education Workshop

Date: Saturday, November 15th, 2025
Time: 9:00 AM – 12:00 PM
Location: UCLA Franz Hall, Room 1178 (see next page)
The Workshop can also be attended via Zoom; link provided after RSVP
RSVP form: http://thelasernet.com/workshop_2025.aspx
Parking: No charge for those who RSVP by November 8th, 2025.
Cost: Free. Refreshments will be provided.
Website: thelasernet.com
Other Information: Continuing Education Certification can be provided for OTs and PTs at no charge.



TO RSVP, fill out the form on
http://thelasernet.com/workshop_2025.aspx
or use the QR code above.

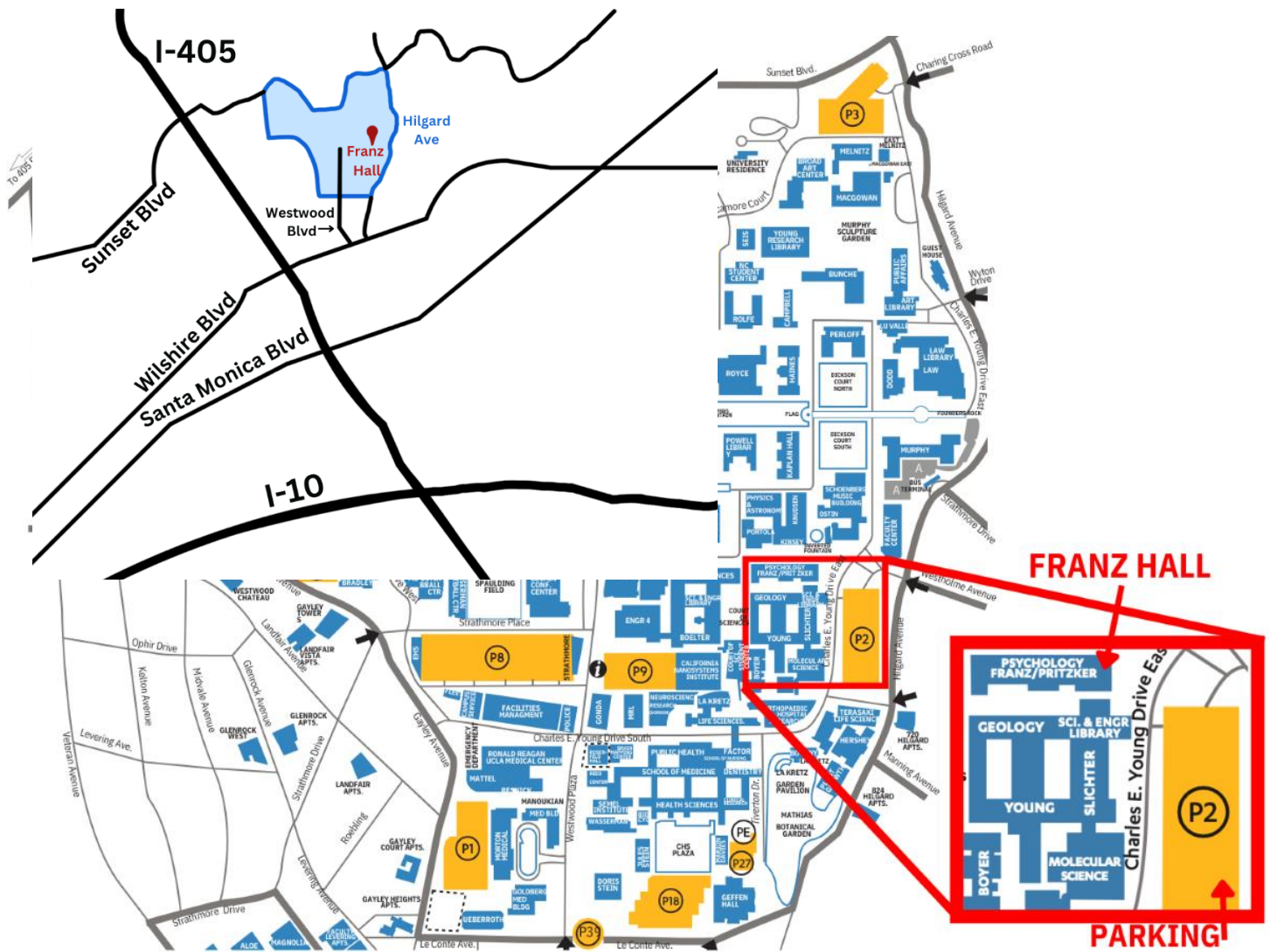
Agenda

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| 9:00 – 9:30 | The Science and Practice behind Ipsilesional Arm Movements after Stroke
Carolee J. Winstein, PhD, PT, FAPTA, FAHA, FASNR, FNAK
University of Southern California |
| 9:30 – 10:00 | Dementia and its Effects on Stroke Recovery
Jason D. Hinman, MD, PhD, FAHA
University of California, Los Angeles |
| 10:00 – 10:30 | Telerehabilitation After Stroke
Steven C. Cramer, MD, MSc, FAAN, FAHA, FASNR
University of California, Los Angeles |
| 10:30 – 11:00 | Refreshments |
| 11:00 – 12:00 | Are We Adequately Integrating Basic Neuroscience Evidence into the
Rehabilitation of Patients Post Stroke?
Nancy N. Byl, PT, MPH, PhD, FAPTA
University of California, San Francisco |

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Speaker Biographies



Carolee Winstein, PT, PhD

University of Southern California

Carolee Winstein, PT, PhD, has dedicated her career to conducting interdisciplinary research to better understand control, rehabilitation, and recovery of goal-directed movement. She retired from her professorship at the end of June 2023. She is Professor Emerita of Biokinesiology and Physical Therapy with a joint appointment in the Department of Neurology, and the Interdisciplinary Neuroscience program at the University of Southern California (USC). Since 1990, her research program focused on the development of nonpharmacologic rehabilitation interventions, motivated and informed by brain and behavioral science, to enhance or even accelerate recovery in persons who have damage to the CNS. Her research interests and contributions have spanned three main areas: 1) neuroimaging studies to improve our understanding of the underlying neural substrates and mechanisms involved in recovery, as well as to identify potential neuroimaging biomarkers that may predict recovery; 2) clinical trials of behavioral interventions and studies investigating behaviors such as limb choice and limb non-use after stroke; and 3) rehabilitation engineering research to develop and evaluate novel rehabilitation technologies and tools. She remains involved in neurorehabilitation research today with long-time colleagues and former students. Her passion for the field includes mentoring junior investigators, writing perspectives, giving seminars and webinars, and attending professional meetings.

Jason Hinman, MD, PhD

University of California, Los Angeles

Jason Hinman, M.D., Ph.D. is Associate Professor of Neurology, Interim Director of the UCLA Mary S. Easton Center for Alzheimer's Research & Care, Member of the UCLA Comprehensive Stroke Center, and West Los Angeles VA Stroke Program Director. His NIH funded research group focuses on molecular pathways at the interface of stroke and dementia with a goal of developing new diagnostic and therapeutic tools for vascular cognitive impairment and brain repair. The lab is highly collaborative and uses a multimodal approach for novel diagnostic and therapeutic discovery using clinical, translational, basic science models of stroke and neurodegeneration. He is nationally recognized as a Fellow of the American Heart Association, Member of the AHA Council on Stroke, Member of the AHA Brain Health Committee, and an expert in vascular cognitive impairment.

Steven Cramer, MD, MSc, FAAN, FAHA, FASNR

University of California, Los Angeles

Steven Cramer is a Professor in the Department of Neurology at the University of California, Los Angeles, where he is also the Director of the Neurorehabilitation Program and serves as the Medical Director of Research at California Rehabilitation Institute. He is board-certified in neurology, vascular neurology, and internal medicine. He is also a co-Investigator in the NIH StrokeNet clinical trials network, where he serves as the Chair of the Recovery & Rehabilitation Group. His research focuses on stroke recovery in humans and its treatment.

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Nancy Byl, PT, MPH, PhD, FAPTA

University of California, San Francisco

Nancy Byl is Professor and Chair Emeritus at UCSF, School of Medicine, Department of Physical Therapy and Rehabilitation Science. She has been involved in clinical practice for 60 years. She is experienced as an administrator, educator, researcher and clinician. Her research has focused on basic science studies in neuroscience relative to focal hand dystonia, stroke and Parkinson's Disease. She is respected for translating her basic science findings to clinical intervention studies to determine that sensory motor retraining can normalize cortical mapping and improve motor control in patients with neurological impairments. She is familiar with the challenges of integrating robotics and exoskeletons and motivating patients to engage in supervised and home based neural adaptive activities working with family members and friends.

Learning Objectives:

- To appreciate emerging treatment approaches for neurorehabilitation following stroke.
- To understand research approaches to developing novel neurorehabilitation treatment strategies.
- To understand technology-based approaches to neurorehabilitation.
- To evaluate the role that exercise has in recovery after CNS injury such as stroke.
- To contextualize new developments in motor learning within rehabilitation therapeutic approaches.
- To analyze post-stroke recovery across levels, from neuron to behavior.

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