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Chief of Health Analysis
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FEATURED SESSIONS WED 6 NOV 1:30 PM - 2:45 PM

"Federal Funding Opportunities & Initiatives for Rehabilitation"

ALISON CERNICH, PhD, ABPP-CH, Director, National Center for Medical Rehab. Research (NCMR), National Institute of Child Health & Human Dev., NIH
PATRICIA DORN, PhD, Director, Clinical & Research & Development Research, Department of Veterans Affairs
A. CATE MILLER, PhD, Specialist, National Institute on Disability, Independent Living, & Rehabilitation Research
TONY GOVER, PhD, Civilian Deputy Director, Clinical & Rehabilitative Medicine Research Program, United States Army Medical Research and Materiel Command

"Scambillation: The Wild World of Medical Misinformation"

TIMOTHY CAULFIELD, BSc, LLB, LLM, Professor, Faculty of Law and School of Public Health, University of Alberta
JENNIFER GUNTER, MD, FRCS(C), FACOG, DABPM, ABPMR (pain), Obstetrician/Gynecologist & pelvic pain specialist, Welding the Lasso of Truth
FORD VOX, FAAPMR, ABPMR, Medical Director, Disorders of Consciousness; Program Chair, Medical Ethics Committee, Shepherd Center

SPECIAL SYMPOSIUM: CLINICAL PRACTICE / NEUROPLASTICITY

Rehabilitation of Functional Neurological Disorders

VICTOR MARK, MD, Associate Professor, Univ. of Alabama at Birmingham
DAVID PEREZ, MD, MSc, Assistant Professor of Neurology, Massachusetts General Hospital
KATHRIN LAFAVER, MD, FAAN, Assistant Professor, Northwestern University

SPECIAL SYMPOSIUM: NEURODEGENERATIVE DISEASES

Are We Ready for Brain Derived Neurotrophic Factor as a Clinical Outcome Biomarker?

ERWIN VAN WAGEN, PhD, Associate Professor, Amsterdam UMC, location VUmc, Amsterdam Movement Sciences
PATRICIA HEYN, PhD, FGSA, FACRM, Associate Professor, Univ. of CO Anschutz Medical Campus
TED NG, PhD, Research Fellow, DUKENUS, Centre for Aging, Research & Education (CARE), Singapore
JAMES CAROLLO, PhD, PE, Associate Professor, Director, Center for Movement Analysis, Childrens Hospital Colorado

SPECIAL SYMPOSIUM: MILITARY / VETERANS AFFAIRS

Variations on Patient-Centered Approaches to Community Reintegration: Meeting Individuals Where They Are

CHRISTINA DILLAHUNT-ASPILLAGA, PhD, CRC, CVE, CLCP, CBIST-CIRS, James A. Haley Hospital
LISA OTTOMANELLI, PhD, Clinical Psychologist, James A. Haley Veterans' Hospital Rehabilitation Outcomes Research Center
TERRI K. POGODA, PhD, Research Health Scientist, VA Boston Healthcare System
ERICA BILLINGSLEY, MA, Student Veteran Coordinator, Center for Community Partnerships
INBAL ESHEL, MA, CCC-SLP, Senior Principal, Defense and Veterans Brain Injury Center

SPECIAL SYMPOSIUM: CROSS-CUTTING / GERIATRIC / NEURODEGENERATIVE DISEASES

Personalized Connectome Profiling for Rehabilitation Patients with Neural Injury & Neurodegenerative Disorder

L. EUGENE ARNOLD, MEd, MD, Professor Emeritus of Psychiatry & Behavioral Health, Ohio State University
ANDREI IRIMIA, MS, PhD, Director of the Aging, Imaging & Rehabilitation (AIR) Laboratory, Assistant Professor, USC Leonard Davis School of Gerontology

SPECIAL SYMPOSIUM: HEALTH SERVICES RESEARCH

Critical Examination of the Rehabilitation Health Services Research Workforce

BIANCA FROGNER, PhD, Director, Center for Health Workforce Studies, Associate Professor, Department of Family Medicine, University of Washington
AMOL KARMARKAR, PhD, Associate Professor, University of Texas Medical Branch
JAMES GRAHAM, PhD, Director, Center for Community Partnerships, Department of Occupational Therapy, Colorado State University
TRACY MROZ, PhD, OT/LL, Associate Professor, University of South Florida, Research Affiliate, James A. Haley Hospital Rehabilitation Outcomes Research Center

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SPECIAL SYMPOSIUM: STROKE

Biomarkers in Stroke Recovery & Rehabilitation Research

STEVEN CRAMER, MD, Professor, Dept. Neurology, UC Irvine

SPECIAL SYMPOSIUM: CANCER

National Survey of Children's Health

MICHAEL KOGAN, PhD, Director of the Office of Epidemiology & Research for the Maternal & Child Health Bureau, Health Resources & Services Administration
AMANDA BOXTEL, Professional Speaker, Founder & Executive Director, Bridging Biomics Foundation
MARIA GRUFSTEDT, PT, Physical Therapist and Clinical Coordinator, Bridging Biomics Foundation

SPECIAL SYMPOSIUM: CANCER

Cancer Rehabilitation Guideline Development Update

JOHN CORRIGAN, PhD, Professor, Dept. of Physical Medicine & Rehabilitation, Director, Ohio Valley Center for Brain Injury Prevention and Rehabilitation, The Ohio State University
AUX SLEIGHT, PhD, OTD, MPH, OT/LL, Cancer Prevention Fellow, National Cancer Institute
NICOLE STOUT, PT, DPT, CLT-LANA, FAPTA Consultant, 36ServicesLLC

SPECIAL SYMPOSIUM: CANCER

Cancer Rehabilitation Guideline Development Update

TIMOTHY MARSHALL, PhD, M.S., ACSM/CSCS-CET, Assistant Professor, Kean University
MACKENZIE PERGOLOTTI, PhD, OT/LL, Director of Research, ReVital Cancer Rehabilitation, Select Medical

SPECIAL SYMPOSIUM: SPINAL CORD INJURY / MEASUREMENT

Incorporating Consumer Perspectives in Measuring & Managing Urinary Health Among Those with SCI

LENA VERDELL, PhD, MSc, Director Clinical Training, Associate Prof. Teachers College, Columbia University
SUZANNE GROAH, MD, Director of Spinal Cord Injury Consultation Liaison Service & of SCI Research at MedStar National Rehabilitation Network & Assoc. Professor of Rehabilitation Medicine, NRH/Georgetown

PLENARY SESSIONS

TUE 5 NOV 5:15 PM - 6:15 PM
An Around the World Perspective: Moving the Needle on Rehabilitation Medicine & Research
CHRISTINE M. MACDONELL, FACRM, Managing Director, Medical Rehabilitation & Int. Aging Services/Medical Rehabilitation, CARF International
DAVID PUTRINO, PT, PhD, Dir. of Rehabilitation Innovation & Assist. Professor of Rehab. Medicine, Icahn School of Medicine at Mt Sinai
PETER W. THOMAS, JD, Principal, Powers Pyles Sutter & Verville
ANDREA L. CHEVILLE, MD, Director of Cancer Rehabilitation, Mayo Clinic

WED 6 NOV 8:30 AM - 9:30 AM
Rehabilitation for a New Generation: Technology, Innovation & the 21st Century
BRIAN HARRIS, MA, PT, BC, NHTF, Neurologic Music Therapist Fellow, Spaulding Rehabilitation Hospital
RONALD HIRSCHBERG, MD, Consultant Physician, Massachusetts General Hospital
LINDSAY OBERMAN, PhD, Clinical Program Leader, Center for Neuroscience and Regenerative Medicine, Uniformed Services University of the Health Sciences
SHAN SIDDIQI, MD, Instructor in Psychiatry, Harvard Medical School

THU 7 NOV 8:30 AM - 9:30 AM
Rehabilitation Policy's Impact on Providers and People with Physical Disabilities
LISA BARNES, PhD, Professor in the Rush Alzheimer's Disease Center, Rush University Medical Center
SUE ANN SISTO, PT, MA, PhD, FACRM, Professor and Chair, University of Buffalo, State University of NY

FRI 8 NOV 8:30 AM - 9:30 AM
Pragmatically Using Electronic Reported Measures to Drive Proactive Rehabilitation Care: Our Future?
LISA BARNES, PhD, Professor in the Rush Alzheimer's Disease Center, Rush University Medical Center
SUE ANN SISTO, PT, MA, PhD, FACRM, Professor and Chair, University of Buffalo, State University of NY

INTENSIVE CROSS-CUTTING PROGRAM

NEW! SINGLE FOCUS • ALL-DAY • DEEP DIVES
MIX OF SYMPOSIA, POSTERS & LIGHTNING ROUNDS ALL IN THE SAME SPACE

WEDNESDAY 6 NOVEMBER
FOCUS: Approaches to Sensory Motor Recovery & Function

OPENING: Steven Cramer, MD, Professor, Dept. Neurology, UC Irvine
LIGHTNING: Accelerometry as a means to assay movement patterns in the clinic as well as daily living. Accelerometry can measure some types of variability depending on the timescale #639604 (Kathy Zakwaski)
LIGHTNING: Multiple sclerosis is used to show that accelerometry can quantify variability in daily activity even with heterogeneous impairments #639604 (Jennifer Keller)
LIGHTNING: Is LBSL Accelerometry Feasible & Sensitive for Detecting the Progression of Disease Pathology #639604 (Amanda Smith-Ford)
LUNCH BREAK + POSTERS: 1) Deficits of the Nonparetic Upper Limb in Chronic Stroke Survivors #643878 (Alexander Barry) 2) User's Impressions of mRehab, a novel portable rehabilitation system for upper extremity #643940 (Sutanuka Bhattacharyya) 3) Upper Extremity Rehabilitation for Stroke Patients Using Fully Immersive Virtual Reality Game: A Preliminary Study #652132 (Seung-Hak Lee) 4) Clinical Characteristics That Impact OnabotulinumtoxinA Treatment Adherence in Spasticity Patients From ASPIRE #639455 (Alberto Esquenazi) 5) Semmes Weinstein Sensory Testing at the Fingertip: Should 2.83 be the Norm? #643546 (Patricia Siegel, Kaitlyn Casau, Michelle Winkelman, Elizabeth Madrid) 6) High-Resolution Manometry Visual Biofeedback Improves UES Pressure After Injury #637238 (Lauran Evans, Yvette Diaz)
SYMPOSIUM: Emerging Advances in the Applications of FES for Stroke and Spinal Cord Injury #602333 (Marcia Bockbrader, Jayne Knutson, Douglas Weber, Marc Slutzky, Gaurav Khosla)
LIGHTNING: Cognitive Multisensory Rehabilitation in Stroke: Brain Connectivity Changes Related to Sensorimotor Recovery #600436 (Ann Van de Winkel)
LIGHTNING: Short & Long Term Consequences of Critical Illness: An Unmet Rehabilitation Priority #635858
LIGHTNING: Sensory Neuromodulation to Improve Physical Function in Persons With Peripheral Neuropathy — New Technology #607479 (Lars Odsson, Helen Cohen, Diane Wisley)
LIGHTNING: Fatigue: Do We Know What it is and Can We Measure It? #586919 (John DeLuca)
LIGHTNING: Fronto-striatal Network Activation Leads to Less Fatigue in Multiple Sclerosis #586919 (Ekaterina Dobryakova)
LIGHTNING: The Utilization of Exercise to Alleviate Fatigue in MS #586919 (Helen Genova)
WRAP-UP: Steven Cramer to Close Intensive Cross-Cutting Session

THURSDAY 7 NOVEMBER
FOCUS: Changing the Narrative to Hope: Maximizing Brain Health, Function & Participation following Brain Injury

SYMPOSIUM: Active rehabilitation following concussion: Findings and experiences of randomized controlled trials #620518 (Nick Reed, Brad Kurowski, John Leddy, Karen McCulloch, Johna Register-Mihalik)
LIGHTNING: Efficacy of an evidence-based diabetes prevention program for people with TBI #600227 (Simon Driver)
LIGHTNING: Randomized Controlled Trial of a Brief Intervention for Substance Misuse following Moderate or Severe TBI #600227 (Jennifer Bogner)
LIGHTNING: Home-Based Verifiability Biofeedback in the Management of Social Participation and Emotional Well-being for Individuals with ABI #579206 (Sonya Kim) CIRM
LIGHTNING: Biofeedback Demonstration #579206 (Sonya Kim)
LUNCH BREAK + POSTER: A Technology Supported mRehab Intervention for Stress Management in TBI & PTSD: Pilot Study Results #624738 (Tracey Wallace, John Morris)
SYMPOSIUM: Biopsychosocial Model of Pediatric Brain Injury Recovery: Importance of Brain Health and Wellness #602396 (Brad Kurowski, Catherine Quatman-Yates, Vicki Anderson, Gary Bedell, Shari Wade)
LIGHTNING: Phototherapy to improve sleep efficiency after TBI #600227 (Kathleen Bell)
LIGHTNING: Evaluation of a Telephone-Based Weight Management Program for Community-Dwelling Adults with TBI (Project LIFT) #627266 (Laura Deren)
LIGHTNING: Neurophysiology of self-regulation post-ABI #579206 (Amy Herrold)
LIGHTNING: Emotional Regulation & Social Participation: Introducing a Group Oriented Problem Solving Intervention #579206 (Kristine Kingsley)
WRAP-UP DISCUSSION: Changing the Narrative to Hope: Implementation Discussion (Risa Richardson)

FRIDAY 8 NOVEMBER
FOCUS: Caregiving for Individuals with Chronic Illness or Injury

SYMPOSIUM: Engaging Caregivers in Research to Improve Health and Community Reintegration Outcomes for Veterans and Families #601662 (Powell-Cope, True, Cotner, Carlizzo, Melillo, Hahn)
LIGHTNING: Resilience Among Caregivers of Injured Service Members: Finding Strengths in Caregiving #627273 (Dreer, Cox)
LIGHTNING: Unmet Needs and Concerns of Caregivers Following Moderate and Severe Traumatic Brain Injury #600994 (Natalie Kreitzer)
LUNCH BREAK + POSTERS: 1) Factors Associated With Depressive Symptoms in Carepartners... #643699 (Blanton) 2) Improving Activity Engagement in Stroke Survivors and Care-Partners Through a Positive Psychophysiology Intervention #639723 (Terrell, Seforandakis, Emerson) 3) GET-Care: Development of a comprehensive education and training program for care-partners post-stroke #639213 (Emerson, Terrell) 4) Using the ICF to Classify and Describe the Problems Care Partners Face During Inpatient Rehabilitation #624819 (Osborne) 5) Multidisciplinary Educational Booklet for Healthcare Workers and Caregivers of Traumatic Brain Injury Patients #602201 (Siew Kwon Lui)
LIGHTNING: Feasibility of Early Problem-Solving Training for Care Partners of Individuals With Traumatic Injuries or Stroke #624369 (Shannon Juengst)
LIGHTNING: Building Positive Relationships Between Hired Personal Care Assistants and Clients with SCI #635784 (Jeanne Zanica, Denise Fyffe, John Morris)
LIGHTNING: Caregiving for Adolescents and Young Adults with Spinal Cord Injuries: Impacts of- and on Development #627000 (Carol Haywood)
LIGHTNING: Methods to Engage Family Carepartners in Home-Based Upper Extremity Rehabilitation #602541 (Blanton)
LIGHTNING: Carepartners' Perceptions and Experiences on a Web-Based, Family-focused Rehabilitation Program for Persons with Stroke #602541 (Krishnan)
LIGHTNING: Clinician Perspectives on Family Involvement in Rehabilitation for Individuals with Spinal Neglect #639160 (Chen, Zanica)
LIGHTNING: Measuring Growth in Care Partners of People with Multiple Sclerosis #602541 (Sonya Kim)
LIGHTNING: Caregiving needs for Older Mexican-Americans with Cognitive Impairment & Dementia #602541 (Brian Dwyer)
WRAP-UP DISCUSSION: Caregiving for Individuals with Chronic Illness or Injury: Implementation Discussion

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Helen Hoening, MD, MPH, Deputy Editor, Archives of Physical Medicine and Rehabilitation; Glenn Collins, BS, Managing Editor, ACRM ACRM.org/ops

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ACRM President: Deborah Backus, PT, PhD, FACRM, Director of Multiple Sclerosis Research, Eula C. and Andrew C. Carlos MS Rehabilitation and Wellness Program at Shepherd Center
"My favorite part about ACRM is the interdisciplinary nature & the high quality research" **Narumita Grungrasit**, PhD, OT/LL, Assistant Professor, Jefferson University, Spinal Cord Injury Interdisciplinary Special Interest Group Early Career Poster Award winner
"ACRM is a great organization for early career professionals to advance their career with limitless networking opportunities." **Monique Pappadis**, Med PhD, Univ. of Texas Medical Branch at Galveston
"ACRM is a place where I can meet face-to-face with collaborators, meet new people, welcome new early career individuals into the fold, help educate and collaborate. ACRM is a GREAT place to be." **Stephanie Kolakowsky-Hayner**, PhD, CBIST, FACRM, ACRM Program Committee Co-Chair, Icahn School of Medicine at Mount Sinai

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