

**ACRM**   
96<sup>th</sup> Annual  
Conference

**PROGRESS IN  
REHABILITATION  
RESEARCH**

TRANSLATION  
TO CLINICAL  
PRACTICE

 **ACRM**  
Annual Conference

**CHICAGO**  
**5-8 NOV 2019**

PRE-CONF: 3-5 NOV

**ACRM**



BRAIN INJURY



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MILITARY /  
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AFFAIRS



STROKE



PEDIATRIC  
REHABILITATION



TECHNOLOGY



EARLY CAREER



PAIN



HEALTH POLICY



MEASUREMENT



GERIATRIC  
REHABILITATION



ATHLETE  
DEVELOPMENT &  
SPORTS  
REHABILITATION



REHABILITATION  
TREATMENT  
SPECIFICATION



NEURODEGENERATIVE  
DISEASES



INTERNATIONAL



PHYSICIANS &  
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**welcome all!**  
*Everyone is invited!  
Researchers,  
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consumers, family  
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TRANSLATION TO CLINICAL PRACTICE

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this event



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13 disciplines



## CE WEEK AT-A-GLANCE

**WED**  
6 NOV

**THU**  
7 NOV

**FRI**  
8 NOV

### CORE CONFERENCE

#### PLENARY II: **David Putrino**

ACRM EXPO / Product  
Theater / Chat with Experts

Educational Sessions

Intensive Cross-Cutting  
Program

Lecture Luncheon

FEATURED SESSIONS:  
Federal Funding & Special  
Topic

Poster Grand Rounds

Paper Sessions / Poster  
Sessions

ACRM Community Group  
Meetings

RECEPTION II

ACRM EXPO RECEPTION



#### PLENARY III: **Peter Thomas**

ACRM EXPO / Product  
Theater / Chat with Experts

Educational Sessions

Intensive Cross-Cutting  
Program

Poster Grand Rounds

Paper Sessions / Poster  
Sessions

ACRM Community Group  
Meetings

ACRM Membership Meeting

Henry B. Betts Awards  
Dinner & Gala



Schedule subject to change 3 April 19

#### PLENARY IV: **Andrea Cheville**

Educational Sessions

Intensive Cross-Cutting  
Program

ACRM Community Group  
Meetings

A general certificate of  
attendance is  
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**CORE END TBD**

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Improving lives through  
interdisciplinary rehabilitation research



**ACRM**   
96<sup>th</sup> Annual Conference



### EARLY BIRD registration rates\* from:

2.5-DAY Pre-Conference Pass from \$229

3.5-DAY CORE Pass from \$449

6-DAY Conference Pass from \$649

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# the research is here



“ Your research matters. And the world needs to know. Come to ACRM and share it!

ACRM is a home where I can combine clinical interests with my research and interact with people who are making decisions about rehab research.

**DEBORAH BACKUS, PT, PhD, FACRM**

ACRM PRESIDENT

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“ The ACRM Conference is well attended by leaders from all over the field in every discipline

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**

ANNUAL CONFERENCE PROGRAM COMMITTEE CO-CHAIR  
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

## Join ACRM



Save the most by becoming an ACRM Member before you register. ACRM is a growing and vibrant interdisciplinary community offering outstanding opportunities to connect, learn and collaborate with colleagues from around the world. Members gain full access to 20+ interdisciplinary special interest groups, committees, task forces and networking groups, subscription to the *ARCHIVES of Physical Medicine & Rehabilitation* — the most-cited journal in rehabilitation, discounts on all ACRM events and publications and more. Visit [ACRM.org/join](http://ACRM.org/join) or contact [MemberServices@ACRM.org](mailto:MemberServices@ACRM.org).



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## WHO ATTENDS

Here's just a sample of some of the more common attendee types:

- › Administrators
- › Athletic Trainers
- › Bioengineers
- › Biomechanists
- › Caregivers
- › Case Managers
- › Clinical Epidemiologists
- › Clinical Researchers
- › Family, Spouses/Partners
- › Movement and exercise specialists
- › Neurologists
- › Neuropsychologists
- › Neurosurgeons
- › Nurses
- › Occupational Therapists
- › Psychiatrists
- › Physical Therapists
- › Physicians
- › Professors/Educators
- › Psychiatrists
- › Psychologists
- › Recreational Therapists
- › Rehabilitation Nurses
- › Rehabilitation Psychologists
- › Rehabilitation/Academic Researchers
- › School Administrators
- › School Nurses
- › Speech-Language Professionals
- › Students/Postdoctoral Fellows
- › Teachers
- › All members of the rehabilitation team
- › Those with disabling conditions and their families



“ACRM is a great organization for early career professionals to advance their career with limitless networking opportunities.”

—Monique Pappadis, MEd PhD,  
University of Texas Medical Branch  
at Galveston

“I feel great to be at ACRM.  
It's a great place to meet not  
just colleagues but also family.”

—Kristine Kingsley, PsyD, ABPP-R, Rusk  
Rehabilitation at NYU Langone Medical  
Center

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See video testimonials: [ACRM.org/vids](http://ACRM.org/vids)

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Session & faculty Details in  
Searchable Online Program  
[ACRM.org/onlineprogram](http://ACRM.org/onlineprogram)



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### OFFERING CME / CEUs FOR 13 DISCIPLINES

- 1)** Certified Case Managers (CCMC), **2)** Disability Management Specialists (CDMS),
- 3)** Healthcare Executives (ACHE), **4)** Massage Therapists (NCBTMB), **5)** Nurses (ANCC),
- 6)** Occupational Therapists (AOTA), **7)** Physical Therapists (FSBPT, and other states),
- 8)** Physicians (ACCME), **9)** Registered Dietitians (CDR), **10)** Rehabilitation Counselors (CRCC), **11)** Rehabilitation Psychologist (APA), **12)** Social Workers (NASW), **13)** Speech-Language-Hearing Therapists (ASHA)

[www.ACRM.org/credits](http://www.ACRM.org/credits)



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» \$212/night plus taxes: government room

Book using the link here: [ACRM.org/hotel](http://ACRM.org/hotel)

Or call: 1.877.865.5320. When calling, be sure to use the  
group codes "CRM" or for government rate: "CRMG"



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the benefits

# PRE-CONFERENCE INSTRUCTIONAL COURSES

DISCOVER THE DETAILS INCLUDING  
FACULTY ON THE FOLLOWING PGS  
AND ACRM.org/op

## SUNDAY 3 NOVEMBER

		FOCUS
2-DAY COURSE	IC 1: The Experience of Individuals with ABI & their Families: Family Intervention in...	INT, BI, ST
FULL DAY	IC 2: Manual Wheelchair Skills Assessment & Training: A Practical Workshop for Therapists	SCI, CP, Cross-Cutting
FULL DAY	IC 3: Moving & Living From the Inner Core: Integrating Alternative Health Principles to...	Cross-Cutting, CIRM, PAIN
FULL DAY	IC 4: Optimizing Pediatric NeuroRecovery: Benefits of early intervention & activity-based...	Cross-Cutting, PED
2-DAY COURSE	International Outcome Measurement Conference (IOMC 2019) / Day 1 of 2	MES, CP, HSR
2-DAY COURSE	ACRM Cognitive Rehabilitation Training Course / Day 1 of 2	BI, CP
2-DAY COURSE	Certified Brain Injury Training: The Official Academy Of Certified Brain Injury	BI, CP

## MONDAY 4 NOVEMBER

2-DAY COURSE	IC 1B: The Experience of Individuals with ABI & their Families: Family Intervention in...	INT, BI, ST
FULL DAY	IC 10: A Non Pharmacological Treatment Approach to Reduce Pain and Spasticity in...	CP, Cross-Cutting, PED
FULL DAY	IC 11: Evidence Based Multidisciplinary Approach to Adolescent Idiopathic Scoliosis	CP, PED, INT
FULL DAY	IC 12: Digging into Motivational Interviewing: A Practical Workshop for Rehabilitation...	Cross-Cutting, CP
AM SESSION	IC 13: TBI Expert Witness Boot Camp: What Brain Injury Rehabilitation Professionals..	BI, CP
AM SESSION	IC 14: Optimizing outcomes in neurorehabilitation: FES cycling & stepping across the...	Cross-Cutting, ND, CP
PM SESSION	IC 15: Get Your Paper Out! A Practical Course to Increase Your Academic Writing...	HSR, Cross-Cutting, CP
PM SESSION	IC 16: Improving balance control and preventing falls: Evidence-based approaches for	CP, SCI, ST
PM SESSION	IC 17: Rehabilitation Approaches for People with Severe MS	ND, CP
FULL DAY	IC 5: Interdisciplinary Perspectives to Functional Measurement and Assessment of...	ST, MES, CP
FULL DAY	IC 6: Wheelchairs & Seating: The Evaluation Process with Demonstration and...	TEC, CP, ST
AM SESSION	IC 7: Longitudinal Data Analysis & Practical Workshop Using R: Part I Introductory Topics	MES, Cross-Cutting
PM SESSION	IC 8: Longitudinal Data Analysis & Practical Workshop using R: Part II Advanced Topics	MES, Cross-Cutting
FULL DAY	IC 9: Integrated Mind-Body Rehabilitation Practice	PAIN, CP, NP
2-DAY COURSE	International Outcome Measurement Conference (IOMC 2019) / Day 2 of 2	MES, CP, HSR
2-DAY COURSE	ACRM Cognitive Rehabilitation Training Course/ Day 2 of 2	BI, CP
2-DAY COURSE	Certified Brain Injury Training: The Official Academy Of Certified Brain Injury	BI, CP

## TUESDAY 5 NOVEMBER CORE CONFERENCE BEGINS 12:45 PM

8:00AM - 3:00PM	 <b>ACRM Early Career Development Course: Promoting Your Science to Secure Collaborators,</b>	Cross-Cutting
AM SESSION	IC 18: Diagnosis and Management of Non-Sports Related Concussion (nSRC): An Interdisciplinary Approach	BI, CP
AM SESSION	IC 19: Building Your Toolkit to Address Sexuality and Intimacy After Brain Injury	BI, ST, CP
AM SESSION	IC 20: Functional Assessment & Prism Adaptation Treatment for Spatial Neglect after Stroke	ST, CP
AM SESSION	IC 21: ASIA (American Spinal Injury Association) 1/2 day at ACRM	SCI, CP, HSR
AM SESSION	IC 22: Comprehensive Management of Head & Neck Cancer: Optimizing Outcomes Through a Multi-Disciplinary Approach	CAN, CP
AM SESSION	IC 23: Early Diagnosis and Management of Cerebral Palsy	PED, CP
AM SESSION	IC 24: Management of the Frail Older Adult: Medical and Exercise Strategies for...	GER, CP, CIRM
AM SESSION	IC 25: Introduction to the Benefits of Virtual Reality for Neurological Rehabilitation	TEC, Cross-Cutting, NP
AM SESSION	IC 26: The Shower Bench in the Closet: End-User Acceptance of Rehabilitation Tech.	TEC, Cross-Cutting
AM SESSION	IC 27: Conceptualization & Application of Patient Reported Outcomes in Clinical & Research Venues	Cross-Cutting, CP, QUAL
AM SESSION	IC 28: Using Music to Recover Speech & Language: Inpatient to Community-Based	AN, CP, Cross-Cutting
AM SESSION	IC 29: How Alexander Technique Can Complement Rehabilitation Research & Clinical Interdisciplinary Care Practice	CIRM, Cross-Cutting, ND
AM SESSION	IC 30: Athlete Development: A Whole-Person Multidisciplinary Approach to Wellbeing	ADSR, CP
AM SESSION	IC 31: An Introduction to the NIH Toolbox's Suite of Neurobehavioral Tests and use in Rehab Settings	CP, MES, SCI
AM SESSION	IC 32: Bench to Bedside: A Guide for Implementing Evidence Based Interventions into Practice at Organizational Level	Cross-Cutting, CP, BI
AM SESSION	IC 33: Team Care and Interdisciplinary Coordination	Cross-Cutting, CP, QUAL

### KEY

**AM** = 8:30 AM - 12:30 PM **PM** = 1:30 PM - 5:30 PM **FULL DAY** = 8:30 AM - 5:30 PM with one hr break

**AN:** Arts & Neuroscience **ADSR:** Athlete Development & Sports Rehabilitation **BRAIN INJURY:** Brain Injury Rehabilitation **CAN:** CANcer rehabilitation

**CROSS-CUTTING:** Spanning Diagnoses **CIRM:** Complementary, Integrative, Rehabilitation Medicine **CP:** Clinical Practice **GER:** GERiatric

**Rehabilitation** **HSR:** Health Services Research **INT:** INTernational **LIMB RESTORATION:** Limb Restoration Rehabilitation **MES:** MEaSurement

**MIL:** MILitary/veterans affairs **ND:** Neurodegenerative Disease (e.g. MS, Parkinson's disease) **NP:** NeuroPlasticity (includes neuroscience)

**PAIN:** PAIN rehabilitation **PED:** PEDiatric rehabilitation **QUAL:** QUALity Improvement & Implementation Science **SCI:** Spinal Cord Injury

**ST:** Stroke Rehabilitation **TEC:** TECHNOLOGY (robotics, assistive technology, mHealth)



Separate registration required

 While this course is included in the WORLD PASS, this incredible Early Career course includes networking box lunch and has a separate pricing structure when purchased a la carte. Advance registration is required.

## SUNDAY 3 NOVEMBER

SUN 2-DAY COURSE **IC 1: The Experience of Individuals with ABI and their Families: Family Intervention in the Rehabilitation Setting / Day 1 of 2** **FOCUS:** INT, BI, ST **FACULTY:** Kristine Kingsley, Juan Carlos Arango Lasprilla, Anne Norup

Acquired brain injuries (ABI) can have deleterious effects on family life, often changing roles and routines, and fostering intense and prolonged caregiving duties. Individuals with ABI and their partners may experience increased familial distress, marital strain, reduced sexual intimacy and overall dissatisfaction with the relationship. Yet, healthcare professionals are unsure on how to most effectively intervene to improve problem solving, communication, affective responsiveness, affective involvement, and behavioral control within the family unit. This workshop aims to introduce a manualized culturally competent intervention approach of family systems developed by Juan Carlos Arango-Lasprilla, PhD. & colleagues, for use in the rehabilitation setting. **Details & register:** [ACRM.org/ic1](http://ACRM.org/ic1)

8:30 AM - 5:30 PM **IC 2: Manual Wheelchair Skills Assessment & Training: A Practical Workshop for Therapists** **FOCUS:** SCI, CP, Cross-Cutting **FACULTY:** Ronald Kirby, Lynn Worobey, Carrie Callahan

Research evidence has been accumulating that demonstrates the safety and superior effectiveness of a formal approach to the assessment and training of the wheelchair skills of wheelchair users and their caregivers. The low-tech, high-impact Wheelchair Skills Program includes useful tools to help practitioners translate this research evidence into clinical practice. This 8-hour workshop, will begin with a brief didactic introduction. The practical portion of the workshop will provide participants with an opportunity to practice adjustments in wheelchair set-up and experience a range of wheelchair skills including spotting techniques, assessment methods and training tips. **Details & register:** [ACRM.org/ic2](http://ACRM.org/ic2)

8:30 AM - 5:30 PM **IC 3: Moving & Living From the Inner Core: Integrating Alternative Health Principles to Support Clinical Outcomes** **FOCUS:** Cross-Cutting, CIRM, PAIN **FACULTY:** Shulung Wu, Tony Kwok

This workshop introduces and discusses how rehabilitation specialists integrate the concept of the "energetic inner core (DanTian)" into rehabilitative practices in order to enhance rehabilitation outcomes. It will focus on the clinical application of eastern medical theory and philosophy on clients with complex chronic pain conditions such as fibromyalgia, chronic fatigue syndrome, complex regional pain syndrome and adhesive capsulitis. Participants will engage in interactive activities to discover and utilize the inner core in their own daily life. Using the hands-on experiential knowledge learned and specific intervention techniques, participants will apply this knowledge to their specific clinical settings. **Details & register:** [ACRM.org/ic3](http://ACRM.org/ic3)

8:30 AM - 5:30 PM **IC 4: Optimizing Pediatric NeuroRecovery: Benefits of Early Intervention & Activity-based Therapy** **FOCUS:** Cross-Cutting, PED **FACULTY:** Rebecca Martin, Andrea Behrman, Harald Schubert, Eckhard Schoenau, Dagmar Siebold

Well-established evidence demonstrates that whole-body activity is essential for the development and repair of the CNS, yet traditional rehabilitation is insufficient to drive neural change. Activity-Based Therapy (ABT) offers high-intensity activation of the nervous system for recovery in early intervention and chronic care. In this course, past clinical assumptions will be compared to recent scientific evidence guiding development of ABT. We will describe various activity-based interventions with case study illustrations and supporting data. Special emphasis will be paid to the benefit of mechano-stimulation and emergent trunk control assessment tools with sufficient sensitivity to measure change in the very young patient. **Details & register:** [ACRM.org/ic4](http://ACRM.org/ic4)

2-DAY COURSE **IC 4: International Outcome Measurement Conference (IOMC 2019) / Day 1 of 2**

**FOCUS:** MES, CP, HSR **FACULTY:** Allen Heinemann, Trudy Mallinson, Nikolaus Bezruczko, Richard Smith

A conference program will be distributed as well as copies of individual presentation materials at the presenters' discretion. **Details & register:** [ACRM.org/ic4](http://ACRM.org/ic4)

2-DAY COURSE **ACRM Cognitive Rehabilitation Training Course / Day 1 of 2** **FOCUS:** BI, CP **FACULTY:**

TBD For the ultimate learning experience and the very latest interventions, attend a two-day LIVE training workshop, based on the Manual and presented by its authors. Includes 12.5 CME/CEUs, the MANUAL, and 24/7 ONLINE access. **Details & register:** [ACRM.org/cog](http://ACRM.org/cog)

2-DAY COURSE **Certified Brain Injury Training: The Official Academy Of Certified Brain Injury**

**Specialists (ACBIS) / Day 1 of 2** **FOCUS:** BI, CP **FACULTY:** TBD This ACBIS course and the CBIS Certification Exam are intended for direct-care paraprofessionals at all levels and experienced professionals who want a strong foundation in best practices for brain injury rehabilitation. This is designed to prepare participants to sit for the (optional) CBIS Certification Exam which will be offered at the end of the course. **Details & register:** [ACRM.org/acbis](http://ACRM.org/acbis)

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**STROKE:** Stroke Rehabilitation **TEC:** TEChnology (robotics, assistive technology, mHealth)

## MONDAY 4 NOVEMBER

2-DAY COURSE **IC 1B: The Experience of Individuals with ABI and their Families: Family Intervention in the Rehabilitation Setting / Day 2 of 2** FOCUS: INT, BI, ST FACULTY: Kristine Kingsley, Juan Carlos Arango Lasprilla, Anne Norup

Acquired brain injuries (ABI) can have deleterious effects on family life, often changing roles and routines, and fostering intense and prolonged caregiving duties. Individuals with ABI and their partners may experience increased familial distress, marital strain, reduced sexual intimacy and overall dissatisfaction with the relationship. Yet, healthcare professionals are unsure on how to most effectively intervene to improve problem solving, communication, affective responsiveness, affective involvement, and behavioral control within the family unit. This workshop aims to introduce a manualized culturally competent intervention approach of family systems developed by Juan Carlos Arango-Lasprilla, PhD. & colleagues, for use in the rehabilitation setting. Details & register: [ACRM.org/ic1](http://ACRM.org/ic1)

8:30 AM - 5:30 PM **IC 10: A Non Pharmacological Treatment Approach to Reduce Pain & Spasticity in the Pediatric Patient** FOCUS: CP, Cross-Cutting, PED FACULTY: Annie O'Connor, Melissa Watson, Roberta Oshea

This one day course will introduce a nonpharmacological exercise approach to decreasing pain and spasticity via lecture, case review, and participatory lab. The course includes a literature review of current pain and spasticity interventions, and introduces a reliable classification system for exercise selection using directional preference and neurodynamic exercise in the pediatric patient. Demonstration of the Pain Mechanism Classification System for pain and spasticity as a clinical reasoning guideline to drive intervention selection of patient education and active exercise. Video cases and live patient testimonies of patients will demonstrate how this PMCS impacts neurological pediatric clinical practice. Details & register: [ACRM.org/ic10](http://ACRM.org/ic10)

8:30 AM - 5:30 PM **IC 11: Evidence Based Multidisciplinary Approach to Adolescent Idiopathic Scoliosis** FOCUS: CP, PED, INT FACULTY: Stefano Negrini, Patrick Knott, Eric Parent, Luke Stikeleather

Adolescent Idiopathic Scoliosis (AIS) prevalence is 2-4%; a 20-40° curve has 52-58% probability of surgery; bracing and exercises can change this natural history. Published results, increased public knowledge, and growing awareness by surgeons is driving to requests of conservative (rehabilitation) services. A multidisciplinary team approach is a key to success according to the International Society on Scoliosis Orthopedic and Rehabilitation Treatment - SOSORT. Presenters of this introductory course will include 4 professions (MD, PT, CPO, PhD/PA-C), and 3 SOSORT past presidents. Topics: what AIS is, evaluation, current evidence, bracing and exercises schools, clinical cases: medical, physiotherapeutic and orthotic approach, Q&A. Details & register: [ACRM.org/ic11](http://ACRM.org/ic11)

8:30 AM - 5:30 PM **IC 12: Digging into Motivational Interviewing: A Practical Workshop for Rehabilitation Professionals** FOCUS: Cross-Cutting, CP FACULTY: Charles Bombardier, Carolyn Lemsky

This workshop will focus on understanding, observing, and practicing core Motivational Interviewing skills. As a rehabilitation professional, you may have already had some exposure to MI skills, processes, evidence base as well as how it applies to consultation and intervention. This workshop will provide an opportunity to dig more deeply into how MI really works, sharpen MI skills, capture MI spirit and become better able to implement MI into your clinical practice. This workshop is suitable for beginners and will cover core skills, but is only for practitioners who know MI is evidence-based. Details & register: [ACRM.org/ic12](http://ACRM.org/ic12)

8:30 AM - 12:30 PM **IC 13: TBI Expert Witness Boot Camp: What Brain Injury Rehabilitation Professionals Should Know** FOCUS: BI, CP FACULTY: Nathan Zasler, Arthur Ameis, Scott Bender

GENERAL OBJECTIVE: Familiarize attendees with various aspects of TBI medicolegal and expert witness work including medicolegal roles (treater, expert witness, peer reviewer, and consultant), ethics, business and legal issues of medicolegal involvement, and medicolegal examination, report and testifying recommendations. Details & register: [ACRM.org/ic13](http://ACRM.org/ic13)

8:30 AM - 12:30 PM **IC 14: Optimizing Outcomes In Neurorehabilitation: FES Cycling & Stepping Across the Lifespan** FOCUS: Cross-Cutting, ND, CP FACULTY: Deborah Backus, Brooke Meyer, Rebecca Martin, Wendy Warfield, Joy Williams

Presenters will discuss evidence supporting the use of functional electrical stimulation (FES) interventions to decrease impairment and improve function in adults and children with spinal cord injury (SCI) and multiple sclerosis (MS). Presenters will provide suggestions for successful translation of evidence-based principles into clinical practice for effective use of FES interventions for these populations. Case examples and hands-on lab session will introduce attendees to various FES devices and provide instruction on how to manage the parameters of the FES devices to elicit the greatest response and positive outcomes in people with MS and SCI. Details & register: [ACRM.org/ic14](http://ACRM.org/ic14)

1:30 PM - 5:30 PM **IC 15: Get Your Paper Out! A Practical Course to Increase Your Academic Writing Productivity** FOCUS: HSR, Cross-Cutting, CP FACULTY: Pat Camp

Clinicians and academics need to publish their research findings in peer-reviewed journals but can often struggle with finding the time and the commitment to meet this responsibility. Unfortunately, there are few resources available related to writing productivity to support academic writers. The purpose of this half-day workshop is to demonstrate practical strategies to increase writing productivity. Using a combination of short presentations, discussion sessions, and writing practice, participants will identify and address their barriers to writing productivity, learn practical strategies, and join a community of academic writers in rehabilitation science. Details & register: [ACRM.org/ic15](http://ACRM.org/ic15)

**Continued...**

....Continued

## MONDAY 4 NOV COURSES

1:30 PM - 5:30 PM **IC 16: Improving Balance Control And Preventing Falls: Evidence-Based Approaches for Adult Neurological Populations** **FOCUS:** CP, SCI, ST **FACULTY:** Janelle Unger, Hardeep Singh, Jean-François Lemay, Kristin Musselman **Details & register:** [ACRM.org/ic16](http://ACRM.org/ic16)

Falls and impaired balance are a significant concern for individuals living with neurological conditions, and neurological rehabilitation programs are evolving in order to target these issues. In this evidence-based instructional course you will learn how to: 1) implement a framework for an individualized assessment of fall risk; 2) develop individualized fall prevention strategies for people living with a neurological condition; 3) assess the various systems of balance control through bedside and instrumented approaches; and, 4) deliver comprehensive balance training and appreciate the ability of technology, such as functional electrical stimulation, to augment these training approaches.

1:30 PM - 5:30 PM **IC 17: Rehabilitation Approaches for People with Severe MS**

**FOCUS:** MS, ND, CP **FACULTY:** Deborah Backus, Bonnie Schauder, Ian Flannery, Joy Williams, Rebecca Shivers  
People with severe MS have significant motor, sensory and/or cognitive impairments that limit their health and function, and thus their participation and quality of life. Although disease modifying therapies may prevent relapses and delay disease progression in people, many deficits remain that impair function and limit physical activity in people with MS. This session will provide the rationale for including rehabilitation in a comprehensive management model for people with severe MS. Evidence will be presented related to various rehabilitation strategies, and case studies will be used to show the integration of this evidence into clinical practice. **Details & register:** [ACRM.org/ic17](http://ACRM.org/ic17)

8:30 AM - 5:30 PM **IC 5: Interdisciplinary Perspectives to Functional Measurement and Assessment of the Stroke Survivor** **FOCUS:** ST, MES, CP **FACULTY:** Michelle Armour, Maria Cecilia Alpasan, Veronica Rowe, Sarah Herron, Christina Hanson, Jeanne Langan, Eric Larson

Stroke is one of the leading causes of disability in the United States. Given stroke can affect all aspects of bodily function and abilities, multiple measurements and assessments are administered across disciplines. These measurements are critical in evaluating function and providing effective care for the stroke survivor. Clinical knowledge of various standardized assessments is required of all medical professionals to create effective goals for stroke patients to achieve functional outcomes. **Details & register:** [ACRM.org/ic5](http://ACRM.org/ic5)

8:30 AM - 5:30 PM **IC 6: Wheelchairs & Seating: The Evaluation Process with Demonstration and Justification of Recommended Products** **FOCUS:** TEC, CP, ST **FACULTY:** Jessica Presperin Pedersen, Deborah Pucci, Esmeralda Vazquez, Julie Wolenski **Details & register:** [ACRM.org/ic6](http://ACRM.org/ic6)

The purchase of a wheelchair and seating products is a critical step for many non-ambulatory individuals. This hands-on course provides evaluation techniques, product demonstration, and funding criteria for individuals of all ages having a variety of neurological or orthopedic diagnoses. It will provide a step-by-step overview beginning with the medical intake and information gathering pertaining to physical and functional parameters for decision making. The mat evaluation and measurements, will be covered. Participants will learn how to perform an evaluation, fill out a detailed form with medical justification of the products, and trial mobility bases, cushions, and supports.

8:30 AM - 12:30 PM **IC 7: Longitudinal Data Analysis & Practical Workshop Using R: PART I**  
**INTRODUCTORY TOPICS** **FOCUS:** MES, Cross-Cutting **FACULTY:** Allan Kozlowski, Keith Lohse

This combination lecture and hands-on workshop will introduce clinicians and researchers to longitudinal model building using linear mixed effects regression (LMER) in the R statistical environment. Rehabilitation outcomes are better suited to multi-level longitudinal modeling than to pre-post regression or repeated measures analysis of variance (RM-ANOVA). LMER has real advantages over RM-ANOVA in terms of flexibility and statistical power. Following the course, learners will be able to appraise existing data for suitability to LMER, discuss the relevance of such models with statistical consultants, and plan for data collection in future projects which are suited to modeling outcomes longitudinally. **Details & register:** [ACRM.org/ic7](http://ACRM.org/ic7)

1:30 PM - 5:30 PM **IC 8: Longitudinal Data Analysis & Practical Workshop Using R: PART II**  
**ADVANCED TOPICS** **FOCUS:** MES, Cross-Cutting **FACULTY:** Allan Kozlowski, Keith Lohse

Rehabilitation researchers and clinicians often deal with outcomes that evolve over time and are not suited to binary categorization of pre- post-assessments, as is common in other areas of medicine and healthcare. This course will build on our previously offered introduction to modeling longitudinal outcomes in a lecture and practical workshop format. Advanced topics include methods to assess data and model structure visually, statistically, and conceptually; and to fit more complex models and outcome types. While not a prerequisite, course participants will benefit from having a working knowledge of the introductory course content and of the R environment. **Details:** [ACRM.org/ic8](http://ACRM.org/ic8)

8:30 AM - 5:30 PM **IC 9: Integrated Mind-Body Rehabilitation Practice** **FOCUS:** PAIN, CP, NP

**FACULTY:** Matt Erb, Noshene Ranjbar

Move beyond lip-service to integrative care... and into the application of practical tools for evidence-based mind-body integration in rehabilitation. The chronic pain and opioid epidemics underscore a need for improved capacity to engage a whole-person model of care. The historical splitting of mind, body, environment and social context continues to negatively impact the delivery of care. The inter-related fields of psychoneuroimmunology and mind-body medicine demonstrate the role of toxic stress on processes of autonomic dysregulation, central sensitization, and other biological underpinnings of pain and chronic health challenges. Person-centered mind-body self-care can help. Join us — biopsychosocial practice starts now. **Details & register:** [ACRM.org/ic9](http://ACRM.org/ic9)

2-DAY COURSE **International Outcome Measurement Conference (IOMC 2019) / Day 2 of 2****FOCUS:** MES, CP, HSR **FACULTY:** Allen Heinemann, Trudy Mallinson, Nikolaus Bezruczko, Richard SmithA conference program will be distributed as well as copies of individual presentation materials at the presenters' discretion. Details & register: [ACRM.org/iomc](http://ACRM.org/iomc)2-DAY COURSE **ACRM Cognitive Rehabilitation Training Course / Day 2 of 2** **FOCUS:** BI, CP **FACULTY:****TBD** For the ultimate learning experience and the very latest interventions, attend a two-day LIVE training workshop, based on the Manual and presented by its authors. Includes 12.5 CME/CEUs, the MANUAL, and 24/7 ONLINE access. Details & register: [ACRM.org/cog](http://ACRM.org/cog)2-DAY COURSE **Certified Brain Injury Training: The Official Academy Of Certified Brain Injury Specialists (ACBIS) / Day 2 of 2** **FOCUS:** BI, CP **FACULTY:** TBD This ACBIS course and the CBIS Certification Exam are intended for direct-care paraprofessionals at all levels and experienced professionals who want a strong foundation in best practices for brain injury rehabilitation. This is designed to prepare participants to sit for the (optional) CBIS Certification Exam which will be offered at the end of the course. Details & register: [ACRM.org/acbis](http://ACRM.org/acbis)**TUESDAY 5 NOVEMBER****CORE Conference begins 12:45 PM**8:00 AM - 3:00 PM **ACRM Early Career Development Course: Promoting Your Science to Secure Collaborators, Funding & Tenure/Promotion** **FOCUS:** Cross-Cutting **FACULTY:** Reza Ehsanian, Amy Herrold, Monique Pappadis, Stephanie Kolakowsky-Hayner, Ralph Nitkin Details: [ACRM.org/ecdc](http://ACRM.org/ecdc)The Early Career Development Course is a perennial favorite at ACRM that connects early career rehabilitation researchers with seasoned professionals. This year's course focuses on tools for "Promoting Your Science to Secure Collaborators, External Funding, and Tenure/Promotion." The course will provide opportunities to learn from experts in public speaking, funding agency representatives, and distinguished scientists who will provide insights through didactic presentations, panel discussions, one-on-one networking, and small group discussions. Details & register: [ACRM.org/ecdc](http://ACRM.org/ecdc)8:30 AM - 12:30 PM **IC 18: Diagnosis and Management of Non-Sports Related Concussion (nSRC): An Interdisciplinary Approach** **FOCUS:** BI, CP **FACULTY:** Lee Shuping, Karen McCulloch, Marie Curtis, Amber Corbin, Matthew Harris, Brett Miller An interdisciplinary group of professionals will discuss the diagnosis and management of concussion and post-concussion syndrome, highlighting some of the unique difficulties associated with treating non-Sports Related Concussion (nSRC). From diagnosis and initial management to return to work/school strategies, the challenges associated with treating this often misunderstood diagnosis will be discussed. Speakers from a variety of professions, including medicine, the allied health professions, psychology, and optometry will be featured. Details & register: [ACRM.org/ic18](http://ACRM.org/ic18)8:30 AM - 12:30 PM **IC 19: Building Your Toolkit to Address Sexuality & Intimacy After Brain Injury** **FOCUS:** BI, ST, CP **FACULTY:** Kathryn Farris, Marisa King This workshop on sexuality and intimacy in brain injury rehabilitation has been developed to reduce stigma and build knowledge, imparting an increase in comfort leading to action. CONTENT INCLUDES: biopsychosocial factors, sexual dysfunction and the impact on the person with a brain injury and their partners, cultural and interpersonal aspects to consider, and communication strategies to employ. Throughout the workshop, attendees will participate in reflection on current practice and potential biases, as well as institutional practices and policies. Upon completion of the workshop, attendees will come away with tools to facilitate change in practice within their organization. Details & register: [ACRM.org/ic19](http://ACRM.org/ic19)8:30 AM - 12:30 PM **IC 20: Functional Assessment and Prism Adaptation Treatment for Spatial Neglect after Stroke** **FOCUS:** ST, CP **FACULTY:** Peii Chen, Kimberly Hreha, Kelsey WattersIn this instructional course, we will first discuss the definition of spatial neglect and emphasize the clinical impact on stroke survivors. Next, we will explain the KF-NAP and offer participants the opportunity to practice using the assessment through access to patient cases via video. After, the KF-PAT will be introduced. Small groups will now learn to administer this treatment protocol by actually practicing with the equipment. Conclusions will be a discussion the practical implications of using both protocols in an inpatient rehabilitation facility. Details: [ACRM.org/ic20](http://ACRM.org/ic20)8:30 AM - 12:30 PM **IC 21: ASIA (American Spinal Injury Association) 1/2 day at ACRM****FOCUS:** SCI, CP, HSR **FACULTY:** Cristina Sadowsky, Suzanne Groah, Cody Unser, Mary Schmidt, Brittany SniderThe "ASIA 1/2 at ACRM" course attempts to introduce and educate participants in: **1)** Primary care services models that are suited and optimized for use in individuals with SCI related paralysis; educating healthcare providers familiar with individuals with SCI how to deploy the models to primary care providers delivering infrequent care to this population. **2)** Assessing neurologic function utilizing the International standards for neurological classification of spinal cord injury (ISNCSCI), especially when confronted with challenging cases. **3)** Becoming familiar with ASIA's educational offerings through its eLearning Center. The sessions are planned to be interactive and solicit audience feedback. Details & register: [ACRM.org/ic21](http://ACRM.org/ic21)**Continued...****KEY****AN:** Arts & Neuroscience **ADSR:** Athlete Development & Sports Rehabilitation **BRAIN INJURY:** Brain Injury Rehabilitation **CAN:** CANcer rehabilitation**CROSS-CUTTING:** Spanning Diagnoses **CIRM:** Complementary, Integrative, Rehabilitation Medicine **CP:** Clinical Practice **GER:** GERiatric**Rehabilitation HSR:** Health Services Research **INT:** INTernational **LIMB RESTORATION:** Limb Restoration Rehabilitation **MES:** MEaSurement**MIL:** MILitary/veterans affairs **ND:** Neurodegenerative Disease (e.g. MS, Parkinson's disease) **NP:** NeuroPlasticity (includes neuroscience)**PAIN:** PAIN rehabilitation **PED:** PEDiatric rehabilitation **QUAL:** QUALity Improvement & Implementation Science **SCI:** Spinal Cord Injury**STROKE:** Stroke Rehabilitation **TEC:** TEChnology (robotics, assistive technology, mHealth)

....Continued

## TUESDAY 5 NOV COURSES

8:30 AM - 12:30 PM **IC 22: Comprehensive Management of Head and Neck Cancer: Optimizing Outcomes Through a Multi-Disciplinary Approach** **FOCUS:** CAN, CP **FACULTY:** Jonas Sokolof, Laurie Kilmartin, Matina Balou, Holly Cohen, Tamar Press, Kenneth Hu

Approximately 30,000 head and neck cancers (HNC) are diagnosed annually in the United States, accounting for 6 percent of all malignancies. With medical advances, the life span of these patients is increasing. Oncology-related complications are becoming more prevalent and can significantly affect function and quality of life. Multi-disciplinary rehabilitation management can improve outcomes for this patient population but its benefits are poorly understood. This course will provide current evidence-based information about HNC medical diagnosis and treatment. Comprehensive and innovative rehabilitation strategies for assessment and treatment will be presented with a focus on maximizing outcomes using a team approach. **Details & register:** [ACRM.org/ic22](http://ACRM.org/ic22)

8:30 AM - 12:30 PM **IC 23: Early Diagnosis and Management of Cerebral Palsy** **FOCUS:** PED, CP **FACULTY:** Jessica Prunte, Deborah Gaebler, Raye-Ann O de Regnier, Colleen Peyton, Jennifer Larson, Angeline Bowman

Cerebral palsy is the most common disability in the pediatric population at a rate of 2-3 per 1000 live births. Recent guidelines published in JAMA pediatrics suggest a framework to ensure early diagnosis when possible. This presentation will review the guidelines for early diagnosis, physical and cognitive outcomes after NICU hospitalization, utilization of the General Movement Assessment (GMA), Hammersmith Infant Neurologic Examination (HINE) and developmental assessments, structuring of a NICU follow up clinic, and the added value of physiatry when CP is diagnosed early. **Details & register:** [ACRM.org/ic23](http://ACRM.org/ic23)

8:30 AM - 12:30 PM **IC 24: Management of the Frail Older Adult: Medical and Exercise Strategies for Evaluation and Treatment** **FOCUS:** GER, CP, CIRM **FACULTY:** Margaret Danilovich, Megan Huisingsh-Scheetz, Katherine Thompson

The likelihood of having the frailty syndrome increases with advanced age. The focus of this workshop will be on the medical, exercise, and nutritional management of older adults with frailty. If you are a clinician working with older adults, this workshop will provide the resources to evaluate and treat those with frailty effectively following the latest evidence-based guidelines for multi-disciplinary interventions. **Details & register:** [ACRM.org/ic24](http://ACRM.org/ic24)

8:30 AM - 12:30 PM **IC 25: Introduction to the Benefits of Virtual Reality for Neurological Rehabilitation** **FOCUS:** TEC, Cross-Cutting, NP **FACULTY:** Veena Somareddy, Brian Wood, Henry Weber, Arik Yates, Chris Vasquez Overview of the advances in virtual reality for healthcare and introduction to use cases and research into the benefits of immersive virtual environments for neurological rehabilitation. Leveraging real time data, programming functional goals and controlling the cognitive load experienced by patients for better outcomes. **Details & register:** [ACRM.org/ic25](http://ACRM.org/ic25)

8:30 AM - 12:30 PM **IC 26: The Shower Bench in the Closet: End User Acceptance and Uptake of Rehabilitation Technology** **FOCUS:** TEC, Cross-Cutting **FACULTY:** Rachel Proffitt, Tracey Wallace

Technology development in rehabilitation has progressed rapidly in the past five years. However, the question remains: "Will these rehabilitation technologies eventually be accepted by and regularly utilized by consumers?" This session, through a combination of presentations, demonstrations, and a panel, will address many of these concepts and provide real-world examples of technologies in various phases of development and implementation. **Details & register:** [ACRM.org/ic26](http://ACRM.org/ic26)

8:30 AM - 12:30 PM **IC 27: Conceptualization and Application of Patient Reported Outcomes in Clinical and Research Venues** **FOCUS:** Cross-Cutting, CP, QUAL **FACULTY:** Jeffrey Wertheimer, Pamela Roberts, Maria Cecilia Alpasan, Richard Riggs, Matt Woodard Emanuel, Deborah Backus

This course will focus on the use of patient reported outcomes (PROs) in clinical and research rehabilitation settings. An introduction to psychometric properties associated with PROs, selection of appropriate PRO measurements, and the significance of the inclusion of PROs in the care of the rehabilitation patient is discussed. Examples are provided to highlight lessons learned in systematizing outcome collection and integration into the electronic health record. **Details & register:** [ACRM.org/ic27](http://ACRM.org/ic27)

8:30 AM - 12:30 PM **IC 28: Using Music to Recover Speech & Language: Inpatient to Community-Based Approaches of Neurologic Music Therapy** **FOCUS:** AN, CP, Cross-Cutting **FACULTY:** Caitlin Hyatt, Chrissy Stack, Jerry Kaplan, Hannah Gibbon

Recent clinical research has demonstrated the strong neural sharing between music, speech, and language. This research has informed the clinical application Neurologic Music Therapy interventions for speech and language impairments. This presentation will cover the neuroanatomy of speech and language, the neuroscience of music, and the interventions for speech and language disorders. Presenters will also discuss the different treatment approaches from an inpatient to community-based program for a variety of populations, including Stroke, TBI, PD, and MS. The attendees will have an opportunity to workshop the interventions reviewed and learn how to apply these principles in their own practice. **Details & register:** [ACRM.org/ic28](http://ACRM.org/ic28)

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**8:30 AM - 12:30 PM IC 29: How Alexander Technique Can Complement Rehabilitation Research and Clinical Interdisciplinary Care Practice** **FOCUS:** CIRM, Cross-Cutting, ND **FACULTY:** Monika Gross, Andrew McCann, Rachelle Tsachor

Alexander technique (AT) is an educational cognitive approach. Adapted Alexander-based programs show clients how to choose functional patterns that are thought to result in more efficient and optimal use of postural muscles in everyday activities, and how to transform stressful reactions into responses that increase positive rehabilitation outcomes and long-term recovery and prevention. This course identifies AT training as a tool to enhance patient ability to be more active partners in their own care and recovery; the role of the AT specialist in interdisciplinary care; and an overview of research on clinical impact of AT training. Course includes experiential learning. **Details & register:** [ACRM.org/ic29](http://ACRM.org/ic29)

**8:30 AM - 12:30 PM IC 30: Athlete Development: A Whole-Person Multidisciplinary Approach to Wellbeing** **FOCUS:** ADSR, CP **FACULTY:** Shelly Massingale, Tamara McLeod, Jamie Pardini, Bridgett Wallace, Jennifer Wethe, Angela Veneziano

Abbreviated Program Description: This instructional course will outline basic tenets of athlete development, with a focus on the adolescent athlete. Presenters will outline current knowledge about the contributions of physical and emotional health, social development, academic development, and advanced athletic skills to whole-person athlete development. Gaps in knowledge and targets for intervention will be identified through presentation of the Athlete Development Model (ADM) and introduction of the Athlete Development Monitoring Tool. **Details & register:** [ACRM.org/ic30](http://ACRM.org/ic30)

**8:30 AM - 12:30 PM IC 31: An Introduction to the NIH Toolbox's Suite of Neurobehavioral Tests and use in Rehab Settings** **FOCUS:** CP, MES, SCI **FACULTY:** Julie Hook, Richard Gershon, Jerry Slotkin, David Tulsky, Allen Heinemann, Cindy Novinski, Pamela Kisala

The NIH Toolbox® workshop presents updated research and hands-on demonstration of this cutting edge measurement system to assess neurological and behavioral function. The advantages of employing common measures across rehabilitation research and clinical practice will be addressed. Recent findings with the NIH Toolbox in spinal cord injury, stroke and traumatic brain injury will be described. Participants will acquire the basics of computer adaptive testing and modern psychometric approaches and the building blocks for administration of the NIH Toolbox® measures for emotional, cognitive, sensory and motor function via an iPad. **Details & register:** [ACRM.org/ic31](http://ACRM.org/ic31)

**8:30 AM - 12:30 PM IC 32: Bench to Bedside: A Guide for Implementing Evidence Based Interventions into Practice at Organizational Level** **FOCUS:** Cross-Cutting, CP, BI **FACULTY:** Larissa Swan, Christopher Carter, April Groff, Frank Becker, Anne-Margrethe Linnestad

Implementation of evidence based interventions (EBI) has proven to be a challenge in the rehabilitation community. Literature indicates that the integration of EBI into consistent practice can take 17 or more years. Therefore, individuals are not benefitting from interventions evidence has shown will enhance the rehabilitation process. This workshop will provide an overview of Knowledge Implementation theory, the Knowledge-to-Action cycle. Participants will have an opportunity to work in facilitated groups to begin a preliminary analysis of their own organization to develop plans as to how to capitalize on facilitators and overcome barriers to implementing EBI as a practice standards. **Details & register:** [ACRM.org/ic32](http://ACRM.org/ic32)

**8:30 AM - 12:30 PM IC 33: Team Care and Interdisciplinary Coordination** **FOCUS:** Cross-Cutting, CP, QUAL **FACULTY:** Dale Strasser, Elisabeth Preston-Hsu, Jane Holl

Over the last 25 years a growing body of evidence shows that patient outcomes improve with organizational and process interventions targeting rehabilitation service delivery. This workshop aims to provide participants with the skills and knowledge to address problematic areas in team functioning (TF) and interdisciplinary coordination (IC). Woven into the workshop are relevant concepts derived from organization theory including Tacit Knowledge (TK) and Knowledge in Practice (KIP). Participants will examine how TF and IC impact patient outcomes in a variety of circumstances and develop both diagnostic skills and interventional strategies to optimize team work and staff coordination. **Details & register:** [ACRM.org/ic33](http://ACRM.org/ic33)

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# PLENARIES

WELCOME REMARKS & COULTER AWARD  
PRESENTATION NOV 5: 4:45 – 5:15PM

## PLENARY I



**MACDONELL**

NOV 5 5:15 – 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



Through an international lens we will explore our awareness of how person centered practices are used to create the meaningful plan to return persons served to a quality of life not just a discharge destination. Billie Jean King once stated: "I think self awareness is probably the most important thing towards being a champion." All of the rehabilitation and research community need to examine their self-awareness of the lives of those we serve to become their champions. Through stories of success, failure, and resilience we will become more self aware and make the necessary change to practice.

## PLENARY II



**PUTRINO**

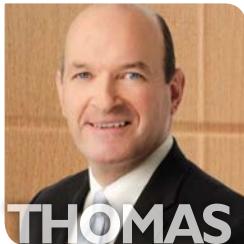
NOV 6 8:30AM - 9:30AM

*Rehabilitation for a New Generation: Technology, Innovation and the 21st Century*

**DAVID PUTRINO, PT, PhD, Director of Rehabilitation Innovation & Assistant Professor of Rehabilitation Medicine, Icahn School of Medicine at Mt Sinai**

The field of rehabilitation medicine is poised to be fundamentally disrupted by emerging technologies. However, many of these exciting technologies fail to succeed in healthcare. The Abilities Research Center (ARC) is a new department that has been developed with a single goal: to take innovative technologies from the bench to the bedside in the shortest amount of time possible. In this presentation, we will discuss a range of technologies including mobile applications, virtual and augmented reality solutions, rehabilitation robotics, neuro-modulation and more. This is a how-to guide for anyone who wishes to develop clinical trials for exciting new technologies and how to integrate new technology into your current practice.

## PLENARY III



**THOMAS**  
NOV 7 8:30AM - 9:30AM

*Rehabilitation Policy's Impact on Providers & People with Physical Disabilities*

**PETER W. THOMAS, JD, Principal, Powers Pyles Sutter & Verville**

Federal policy often drives clinical practice. This presentation will provide an overview of policies that impact a wide range of rehabilitation providers and their beneficiaries. The presentation will begin with an overview of developments in post-acute care (PAC) and will also focus on Medicare audits and appeals and tactics to limit access to rehabilitation. Finally, the overview will discuss the importance of the Affordable Care Act and the recent efforts leading to an erosion of the federal protections particularly for people with disabilities and chronic medical conditions. A small panel of individuals who have experienced comprehensive rehabilitation will discuss challenges they have encountered with the health care system.

# PLENARIES

## PLENARY IV



**CHEVILLE**  
NOV 8 8:30 AM - 9:30 AM

### Pragmatically Using Electronic Patient Reported Measures to Drive Proactive Rehabilitation Care: Our Future?

**ANDREA L. CHEVILLE, MD**, Director of Cancer Rehabilitation and Lymphedema Services, Mayo Clinic

Rehabilitation has a pressing need to demonstrate value in the era of health care cost containment. Finding ways to use electronic health care records to facilitate appropriate and timely care is the greatest opportunity for our field to show its value in the health care continuum. The Mayo Clinic was awarded a grant from the Biden Cancer moonshot initiative towards addressing cancer treatment-related symptom management and disability. Part of the grant includes an Enhanced, EHR-facilitated Cancer Symptom Control (E2C2) pragmatic clinical trial enrolling patients with all types and stages of cancer. This session will provide an aspirational vision of the relevance of this work to the greater field of rehabilitation medicine.

## SPECIAL SYMPOSIA

Here's a sneak peak at the SPECIAL SYMPOSIA that are being scheduled.  
Check the Online Program for details: [ACRM.org/op](http://ACRM.org/op)

**FEAURED SESSION: SCAMABILITATION:**  
The Wild World of Medical Misinformation  
#945437 **Caulfield, Gunter, Vox**

**FEAURED SESSION: Federal Funding Opportunities and Initiatives for Rehabilitation**  
#945437 **Cernich, Dorn, Miller, Grover**

Personalized Connectome Profiling for Rehabilitation Patients with Neural Injury & Neurodegenerative Disorder #914117 **Heyn, Irimia, Nalder**

Biomarkers in Stroke Recovery & Rehabilitation Research #914111 **Roberts, Cramer**

Aging with & into Disability: State of the Science and Rehabilitation Implications #914118 **Nalder, Janicki, Santos, Heller, Heyn**

Are We Ready for Brain Derived Neurotrophic Factor as a Clinical Outcome Biomarker? #914115 **Hirsch, Heyn, Van Wegen, Ng, Carollo, Newman**

3rd ACRM Women in Rehabilitation Science Symposium #914113 **Hirsch, Barnes, Sisto, Heyn, Cogan, York, Backus**

Rehabilitation of Functional Neurological Disorders #914107 **Mark, Perez, Fabian**

Repetitive Transcranial Magnetic Stimulation for Depression in Traumatic Brain Injury #914109 **Oberman**

Variations on Patient-Centered Approaches to Community Reintegration: Meeting Individuals Where They Are #914112 **Dillahunt-Aspilla, Pogoda, Otoomanelli, Bilingsley, Eshel, Graham, Carlson**

**BRUCKER SYMPOSIUM: Capacity-Building in Low-Resource Regions: Lessons Learned From Global Mental Health** #914120 **Verdeli**

A New Era in Bringing Bionics to Humans #915141 **Boxtel, Grufstedt**

Cancer Rehabilitation Guideline Development Update #914110 **Sleight, Stout, Marshall, Pergolotti, Alfano, Lyons, Virani**

Critical Examination of the Rehabilitation Health Services Research Workforce #914119 **Frogner, Mroz, Karmarkar, Graham**

Drumming & Movement — Art Meets Science #914114 **Harris, Hirschberg**

Incorporating Consumer Perspectives in Measuring and Managing Urinary Health Among Those with SCI #914116 **Groah**

National Survey of Children's Health #914102 **Kogan**

The Public Health Burden of Traumatic Brain Injury #914105 **Corrigan, Haarbauer-Krupa**

What is the Evidence for Neurofeedback for Attention-deficit/hyperactivity Disorder? #914108 **Arnold**

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