Welcome to ACRM — all rehabilitation professionals, administrators, researchers, clinicians, consumers, family members, and caregivers.

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Everyone is welcome at ACRM — all rehabilitation professionals, administrators, researchers, clinicians, consumers, family members, and caregivers.

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INTERDISCIPLINARY PRE-CONFERENCE

Instructional Courses

ACRM COGNITIVE REHABILITATION TRAINING
TWO-DAY COURSE

CERTIFIED BRAIN INJURY TRAINING
OFFICIAL ACADEMY OF CERTIFIED BRAIN INJURY SPECIALISTS (ACBIS) COURSE
TWO-DAY COURSE

Instructional Courses

Early Career Development Course
ACRM Community Group Meetings

CORE START 12:45 PM

Educational Sessions / LaunchPad
Lecture Luncheon
EARLY CAREER & FIRST-TIME ATTENDEE WELCOME to ACRM
Welcome Remarks + Coulter Award Presentation
PLENARY I Coulter Award Lecturer: Chris MacDonell
ACRM EXPO OPENING RECEPTION
Poster Viewing
Chairs Council Meeting (by invitation only)

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13 disciplines

CE WEEK AT-A-GLANCE

WED 6 NOV

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

THU 7 NOV

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

FRI 8 NOV

PLENARY IV:
Andrea Cheville
Educational Sessions
Intensive Cross-Cutting Program
ACRM Community Group Meetings

Schedule subject to change 3 April 19

CORE END TBD

ACRM
AMERICAN CONGRESS OF REHABILITATION MEDICINE
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5 - 8 NOV 2019
PRE-CONF: 3 - 5 NOV

ACRM.org/2019

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ACRM 96th Annual Conference

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DEBORAH BACKUS, PT, PHD, FACRM
ACRM PRESIDENT
EULA C. AND ANDREW C. CARLOS MS REHABILITATION AND WELLNESS PROGRAM AT SHEPHERD CENTER

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

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WHO ATTENDS

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› 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
› Physiatrists
› 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

“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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Session & faculty Details in Searchable Online Program
ACRM.org/onlineprogram

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SUNDAY 3 NOVEMBER

2-DAY IC 1: The Experience of Individuals with ABI & their Families: Family Intervention in...  
FOCUS  
INT, BI, ST

FULL IC 2: Manual Wheelchair Skills Assessment & Training: A Practical Workshop for Therapists  
SCI, CP, Cross-Cutting

FULL IC 3: Moving & Living From the Inner Core: Integrating Alternative Health Principles to...  
Cross-Cutting, CIRM, PAIN

FULL IC 4: Optimizing Pediatric NeuroRecovery: Benefits of early intervention & activity-based...  
Cross-Cutting, PED

2-DAY International Outcome Measurement Conference (IOMC 2019) / Day 1 of 2  
MES, CP, HSR

2-DAY ACRM Cognitive Rehabilitation Training Course / Day 1 of 2  
MES, CP

2-DAY Certified Brain Injury Training: The Official Academy Of Certified Brain Injury  
BI, CP

MONDAY 4 NOVEMBER

2-DAY IC 1B: The Experience of Individuals with ABI & their Families: Family Intervention in...  
INT, BI, ST

FULL IC 10: A Non Pharmacological Treatment Approach to Reduce Pain and Spasticity in...  
CP, Cross-Cutting, PED

FULL IC 11: Evidence Based Multidisciplinary Approach to Adolescent Idiopathic Scoliosis  
CP, PED, INT

FULL IC 12: Digging into Motivational Interviewing: A Practical Workshop for Rehabilitation...  
Cross-Cutting, CP

AM IC 13: TBI Expert Witness Boot Camp: What Brain Injury Rehabilitation Professionals...  
BI, CP

AM IC 14: Optimizing outcomes in neurorehabilitation: FES cycling & stepping across the...  
Cross-Cutting, ND, CP

PM IC 15: Get Your Paper Out! A Practical Course to Increase Your Academic Writing...  
HSR, Cross-Cutting, CP

PM IC 16: Improving balance control and preventing falls: Evidence-based approaches for...  
CP, SCI, ST

PM IC 17: Rehabilitation Approaches for People with Severe MS  
ND, CP

FULL IC 5: Interdisciplinary Perspectives to Functional Measurement and Assessment of...  
ST, MES, CP

FULL IC 6: Wheelchairs & Seating: The Evaluation Process with Demonstration and...  
TEE, CP, ST

AM IC 7: Longitudinal Data Analysis & Practical Workshop Using R: Part I Introductory Topics  
MES, Cross-Cutting

AM IC 8: Longitudinal Data Analysis & Practical Workshop using R: Part II Advanced Topics  
MES, Cross-Cutting

FULL IC 9: Integrated Mind-Body Rehabilitation Practice  
PAIN, CP, NP

2-DAY International Outcome Measurement Conference (IOMC 2019) / Day 2 of 2  
MES, CP, HSR

2-DAY ACRM Cognitive Rehabilitation Training Course/ Day 2 of 2  
BI, CP

2-DAY Certified Brain Injury Training: The Official Academy Of Certified Brain Injury  
BI, CP

TUESDAY 5 NOVEMBER

8:00AM - 3:00PM ACRM Early Career Development Course: Promoting Your Science to Secure Collaborators,  
Cross-Cutting

AM IC 18: Diagnosis and Management of Non-Sports Related Concussion (nSRC): An Interdisciplinary Approach  
BI, CP

AM IC 19: Building Your Toolkit to Address Sexuality and Intimacy After Brain Injury  
BI, ST, CP

AM IC 20: Functional Assessment & Prism Adaptation Treatment for Spatial Neglect after Stroke  
ST, CP

AM IC 21: ASIA (American Spinal Injury Association) 1/2 day at ACRM  
SCI, CP, HSR

AM IC 22: Comprehensive Management of Head & Neck Cancer: Optimizing Outcomes Through a Multi-Disciplinary Approach  
CAN, CP

AM IC 23: Early Diagnosis and Management of Cerebral Palsy  
PED, CP

AM IC 24: Management of the Frail Older Adult: Medical and Exercise Strategies for...  
GER, CP, CIRM

AM IC 25: Introduction to the Benefits of Virtual Reality for Neurological Rehabilitation  
TEE, Cross-Cutting, NP

AM IC 26: The Shower Bench in the Closet: End-User Acceptance of Rehabilitation Tech.  
TEE, Cross-Cutting

AM IC 27: Conceptualization & Application of Patient Reported Outcomes in Clinical & Research Venues  
Cross-Cutting, CP, QUAL

AM IC 28: Using Music to Recover Speech & Language: Inpatient to Community-Based  
AN, CP, Cross-Cutting

AM IC 29: How Alexander Technique Can Complement Rehabilitation Research & Clinical Interdisciplinary Care Practice  
CIRM, Cross-Cutting, ND

AM IC 30: Athlete Development: A Whole-Person Multidisciplinary Approach to Wellbeing  
ADSR, CP

AM IC 31: An Introduction to the NIH Toolbox’s Suite of Neurobehavioral Tests and use in Rehab Settings  
CP, MES, SCI

AM IC 32: Bench to Bedside: A Guide for Implementing Evidence Based Interventions into Practice at Organizational Level  
Cross-Cutting, CP, BI

AM 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  
ADS: Athlete Development & Sports Rehabilitation  
BRAIN INJURY: Brain Injury Rehabilitation  
CAN: CAMer 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  
PEDIATRIC rehabilitation  
QUALITY Improvement & Implementation Science  
SCI: Spinal Cord Injury  
ST: Stroke Rehabilitation  
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.

ACRM 96th Annual Conference  
3 – 8 NOV 2019 CHICAGO HILTON

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SUNDAY 3 NOVEMBER

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

2-DAY COURSE 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

2-DAY COURSE IC 3: Moving & Living From the Inner Core: Integrating Alternative Health Principles to Support Clinical Outcomes  
FOCUS: Cross-Cutting, CIRM, PAIN  
FACULTY: Shuling Wu, Tony Kwock

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

2-DAY COURSE IC 4: International Outcome Measurement Conference (IOMC 2019) / Day 1 of 2  
FOCUS: ME, CP, HSR  
FACULTY: Allen Heinemann, Trudy Mallinson, Nikolaus Bezručko, 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

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

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

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secure your seat

register

KEY
AN: Arts & Neuroscience  
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CANCer rehabilitation  
CROSS-CUTTING: Spanning Diagnoses  
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LIM: LIMb RESTORATION  
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PEDIatric rehabilitation  
QUAL: QUALity Improvement & Implementation Science  
SCI: Spinal Cord Injury  
STROKE: Stroke Rehabilitation  
TEC: TECHNOlogy (robotics, assistive technology, mHealth)
MONDAY 4 NOVEMBER

2-DAY COURSE  IC1B: 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, health-care 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/ic1b

8:30 AM - 5:30 PM  IC 10: A Non Pharmacological Treatment Approach to Reduce Pain & Spasticity in the Pediatric Patient  FOCUS: CP, PED, INT  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 testimonials of patients will demonstrate how this PMCS impacts neurological pediatric clinical practice. Details & register: ACRM.org/ic10


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

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 Lemskey

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


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

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

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

Continued...
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

Falls and impaired balance are a significant concern for individuals living with neurological conditions, and neuro-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 Schaude, 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. Since disease modifying therapies may prevent relapses and delay disease progression in people, many deficits remain that impair function and limit physical activity in people 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

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

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

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  
**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

1:30 PM - 5:30 PM  **IC 8:** Longitudinal Data Analysis & Practical Workshop Using R: PART II  
**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

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
INSTRUCTIONAL COURSES

PRE-CONFERENCE

2-DAY COURSE  
International Outcome Measurement Conference (IOMC 2019) / Day 2 of 2  
FOCUS: NES, CP, HSR  
FACULTY: Allen Heinemann, Trudy Mallinson, Nikolaus Bezruckz, Richard Smith  
A conference program will be distributed as well as copies of individual presentation materials at the presenters’ discretion.  
Details & register: 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

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

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/ecdcc

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/ecdcc

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 McCallloch, 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

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

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 Watters  
In 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 KP-NAP and offer participants the opportunity to practice using the assessment through access to patient cases via video. After, the KP-NAP will be introduced. Small groups will now learn to administer this treatment protocol by actually practicing with the equipment. Conclusions will be a discussion on the practical implications of using both protocols in an inpatient rehabilitation facility.  
Details: 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 Snider  
The “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

KEY  
AN: Arts & Neuroscience  
ADDS: Athlete Development & Sports Rehabilitation  
BRAIN INJURY: Brain Injury Rehabilitation  
CAN: CanCer rehabilitation  
CROSS-CUTTING: Spanning Diagnoses  
CRRM: Complementary, Integrative, Rehabilitation Medicine  
CP: Clinical Practice  
GER: GERiatric Rehabilitation  
HSR: Health Services Research  
INT: INternational  
LIMB RESTORATION: Limb Restoration Rehabilitation  
MES: MEASUREmore  
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)
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

IC 23: Early Diagnosis and Management of Cerebral Palsy

FOCUS: PED, CP
FACULTY: Jessica Puente, Deborah Gaebler, Raye-Ann O de Reignier, 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 phyasiotry when CP is diagnosed early.

Details & register: ACRM.org/ic23

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

IC 25: Introduction to the Benefits of Virtual Reality for Neurological Rehabilitation

FOCUS: TEC, Cross-Cutting, NP

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

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

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

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

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IC 29: How Alexander Technique Can Complement Rehabilitation Research and Clinical Interdisciplinary Care Practice

Focus: CPR, Cross-Cutting, NQ
Faculty: Monika Gross, Andrew McCann, Rachelle Tsacher

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

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

IC 31: An Introduction to the NIH Toolbox’s Suite of Neurobehavioral Tests and use in Rehab Settings

Focus: CP, NS, SCI
Faculty: Julie Hook, Richard Gershon, Jerry Slotkin, David Tulsly, Allen Heinemann, Cindy Nowinski, 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

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 (EIBI) 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

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/ic31

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PLENARIES

PLENARY I

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

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

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.
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.