

Progress in Rehabilitation Research

2010 ACRM-ASNR Joint Educational Conference

October 20-23, 2010

Preliminary Program

Montreal at night

Jointly Sponsored by



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SCHOOL OF MEDICINE

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Progress in Rehabilitation Research

October 20-23, 2010 • Montreal • Quebec • Canada

2010 ACRM–ASNR Joint Educational Conference



Joseph T. Giacino,
PhD, FACRM
ACRM President

Open Invitation and Greeting

The 87th Annual Meeting of the American Congress of Rehabilitation Medicine is being held in conjunction with the 17th Annual Meeting of the American Society of Neurorehabilitation, October 20-23, 2010 at the Hilton Montreal Bonaventure Hotel in Montreal, Quebec, Canada. It gives us great pleasure to announce that this joint meeting will be called "Progress in Rehabilitation Research" to reflect the cutting-edge content and allow easier reference to the event. This exciting educational experience will offer you the opportunity to interact with representatives from rehabilitation science and the clinical community.

All attendees will choose from plenary symposia featuring nationally and internationally recognized speakers, symposia covering methodology and technology; practice, policy and reimbursement; neuroscience and neurorehabilitation; and musculoskeletal, aging, and development. In addition, there are an Early Career

Course on Wednesday, a Chautauqua, Stroke Networking Group, research roundtables, Coulter Lecture featuring Carolyn Baum, PhD,

OTR/L, FAOTA; paper presentations, and poster displays that will provide you with a wide array of educational activities. There are three pre-conference symposia this year entitled: "Enhancing Outcome Measurement in Rehabilitation Settings," "Rehabilitation Robotics: Role in Neurological Recovery," and "An Experience-Based Discussion of Challenges to Conducting Multi-Center Clinical Trials in Rehabilitation." There will also be technical exhibitors featuring state-of-the-art equipment and services for the rehabilitation professional. As always, there is the opportunity to meet new friends and greet old ones.

ACRM Program Co-Chair

Virginia M. Mills, MS, PT, CCM, LicNHA
President, Community Rehab Care, Inc.
Newton, MA



Michael J. Reding, MD
ASNR President

ASNR Program Co-Chair

George Wittenberg, MD, PhD
Staff Physician, GRECC, Deputy Director, VA Maryland Exercise & Robotics
Center of Excellence; Associate Professor, University of Maryland

ACRM - The American Congress of Rehabilitation Medicine is a multidisciplinary organization dedicated to rehabilitation research. Our membership is comprised of individuals from a variety of disciplines and work settings engaged in clinical activities, both basic and clinical research, academic activities, administration, as well as advocacy efforts for the field and the patients we serve. Our focus is to serve people with disabling conditions by promoting rehabilitation research and facilitating information dissemination and the transfer of technology. We value rehabilitation research that promotes health, independence, productivity, and quality of life for people with disabling conditions. We are committed to research that is relevant to consumers, educates providers to deliver best practices and supports advocacy efforts that ensure adequate public funding for our research endeavors. Membership information is available on our website: www.acrm.org.

ACRM Board of Governors: Joseph T. Giacino, PhD, FACRM, President; Gary R. Ulicny, PhD, President Elect; Tamara Bushnik, PhD, FACRM, Vice President; Wayne A. Gordon, PhD, ABPP/Cn, FACRM, Past President; Sue Ann Sisto, PT, MA, PhD, Secretary; Gregory Worsowicz, MD, MBA, Treasurer; Members at Large - Angela Colantonio, PhD; Marcel Dijkers, PhD, FACRM; Tessa Hart, PhD, FACRM; Douglas Katz, MD, FACRM; Christine MacDonell; James Malec, PhD, FACRM; J. Preston Harley, PhD, FACRM, BI-ISIG Representative; Jeffrey R. Basford, MD, PhD, Editor-in-Chief, *Archives of PM&R*.

ASNR - The American Society of Neurorehabilitation is a medical specialty society established to advance the discipline of neurorehabilitation. The ASNR is committed to the prevention of further disability and disease in our patients and achievement of maximal functional outcomes, the advancement of scientific and technological innovations impacting neurologic disability and disease, the scientific understanding of neurologic injury and recovery, and the promotion of evidence-based clinical practice in this field. The ASNR works to promote basic science and clinical research in neurorehabilitation, evidence-based clinical practice, and access to healthcare and social opportunities for all individuals with chronic disabling neurologic conditions. Our educational mission includes specialty training in neurorehabilitation at the fellowship level and continuing medical education of neurorehabilitation professionals. Membership information is available on our website: www.asnr.com.

ASNR Board of Directors: Michael J. Reding, MD, President; Anna Barrett, MD, Vice President; Krish Sathian, MD, PhD, Treasurer/Secretary; David C. Good, MD, Past President; Board Members - Gary Abrams, MD; David Alexander, MD; Judith Deutsch, PhD, PT; Joel Feigenson, MD; Randolph Nudo, PhD; Stephen J. Page, PhD; Rajiv Ratan, MD, PhD; Robert Wagenaar, MD; Barbara Weissman, MD; Steven Wolf, PhD, PT; Stuart Yablom, MD; Nathan Zasler, MD, FAAPM&R, FAADEP, CBIST; Bruce Dobkin, MD; Editor-in-Chief, *Neurorehabilitation and Neural Repair*.

ACRM–ASNR Program Committee: Virginia Mills, MS, PT, CCM, ACRM Co-Chair; George Wittenberg, MD, PhD, ASNR Co-Chair; Deborah Backus, PhD, PT; Tamara Bushnik, PhD, FACRM; Cathrin Bütetfisch, MD; S. Thomas Carmichael, MD, PhD; Pablo A. Celnik, MD; Leonardo G. Cohen, MD; Michael Dimyan, MD; Kelli Williams Gary, PhD, MPH, OTR/L; David Geldmacher, MD; J. Preston Harley, PhD, FACRM; Michelle Harris Love, PhD; Timea Hodics, MD; Mike Jones, PhD; Kathy Kalmar, PhD; Amy Karas, MS, CCC/SLP; Doug Katz, MD; John Krakauer, MD; James V. Lynskey, PT, PhD; Monica Perez, PT, PhD; Mike Reding, MD; Judy Reuter; Lumy Sawaki, MD, PhD; Ron Seel, PhD; Robert Wagenaar, MD; Sandra McCombe Waller PT, PhD; Michael Weinrich, MD; Barbara Weissman, MD; Shannon Wild.

General Information

Hotel

Hilton Montreal Bonaventure
900 de La Gauchetière W.
Montreal, Quebec, Canada H5A 1E4
Phone: +1.514.878.2332
Fax: +1.514.878.3881



Room Rates: CAD \$199.00 single / double

*Subject to Tax at a total of 15.5%.

Note: This room rate is non-commissionable to travel agents.

Hotel Reservation Instructions

The ACRM rate will be offered 3 DAYS before and after the meeting based on availability. **The ACRM negotiated room rate is guaranteed until September 27, 2010.** After September 27, 2010, please contact the hotel directly to determine availability. As is the case with all associations, the ACRM and ASNR are liable for picking up a contracted room block at our headquarter hotel. **Please show your support of our annual conference by booking your room at the Hilton Montreal Bonaventure.**

Reservations can be made directly to the Hotel by:

Phone: +1.514.878.2332 Toll Free: +1.800.267.2575
Fax: +1.514.878.3881

Go to (click on link): www.hilton.com/en/hi/groups/personalized/YULBH-HF-ACR-20101017/index.jhtml?WT.mc_id=POG

Check In Time: 15:00 Check Out Time: 12:00

Hotel Cancellation Policy:

Credit cards are needed to guarantee reservations, and reservations cancelled 24 hours prior to arrival will receive a full refund of their deposit. Any reservation cancelled after 24 hours prior to arrival or no shows will forfeit 1 night's room and tax revenue.

High Speed Internet Access in Sleeping Rooms: 24 hours @ CAD \$9.95 for wired connection.

Transportation:

Montreal-Trudeau International Airport (YUL)

Distance from hotel: 12km/7.5mi Drive time: 20min

Shuttle/Bus: CAD \$15.00

Taxi: CAD \$38.00

Self-Parking: CAD \$19.00

Daily Valet Parking Charge at Hotel: CAD \$26.00

No Smoking Policy

To ensure the comfort and health of all attendees, smoking is not permitted at any of the ACRM–ASNR Joint Educational Conference functions.

Visas

The following countries do not need a Visa to visit Canada: Citizens of Andorra, Antigua and Barbuda, Australia, Austria, Bahamas, Barbados, Belgium, Botswana, Brunei, Costa Rica, Cyprus, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Israel (National Passport holders only), Italy, Japan, Liechtenstein, Luxembourg, Malta, Mexico, Monaco, Namibia, the Netherlands, New Zealand, Norway, Papua New Guinea, Portugal, Republic of Korea, St. Kitts and Nevis, St. Lucia, St. Vincent, San Marino, Singapore, Solomon Islands, Spain, Swaziland, Sweden, Slovenia, Switzerland, United States, and Western Samoa; See <http://www.cic.gc.ca/english/visit/visas.asp> for more information.

Medical Equipment Requests

Attendees who require special medical equipment (scooters, wheelchairs, etc.) during the conference may contact Maison Andre Viger, 6700 Saint-Denis Street, Montreal, Quebec H2S 2S2

Ph: +1.514.274.7560 Toll Free: +1.800.363.6703

Email: info@andreviger.qc.ca Website: www.andreviger.qc.ca

Technical Exhibition

In association with the ACRM–ASNR Joint Educational Conference, we will be hosting a technical exhibition. You will have the opportunity to meet face-to-face with representatives from a variety of companies that will provide a means to view firsthand many products and services available. There will be a Welcome Reception with the Exhibitors on Thursday, October 21 at 7:00 PM.

Poster Display

You will have the opportunity to view posters displaying a variety of research topics. These posters, arranged in order of topic area, will be on display from Thursday, October 21 at 12:00 PM through Friday, October 22 at 6:30 PM.

Conference Registration Cancellation Policy

Registration cancellations and/or changes must be in writing and received on or before Monday, **October 18, 2010** and sent to Michelle Lee via email at MichelleL@hgmp.com. No cancellations will be accepted by phone. Substitutions must be received and approved by October 18, 2010.

All cancellations and substitutions for the main conference will be charged a US \$150 fee. For cancellations, ACRM members will receive an automatic 6-month extension of their membership and non-members will receive a 6-month ACRM or ASNR membership with a subscription to their respective journal, which will be effective upon cancellation. Cancellations will be accepted until October 18, 2010. For substitutions, the individual attending the meeting will be charged US \$150 and receive a 6-month ACRM or ASNR membership or a 6-month extension of an existing ACRM or ASNR membership. Cancellations to any of the Pre-conference or Early Career Development courses will be charged US \$45 per course.

Conference Highlights

Thursday, October 21, 2010

8:30 AM – 10:00 AM

Plenary

Research and Policy Working Together to Improve the Lives of People With Disabilities Worldwide

Faculty: Alana Officer

From “Transfer” to “Engagement:” Rethinking Knowledge Translation

Faculty: Sarah Bowen, PhD

10:30 AM – 12:00 PM

Mitchell Rosenthal Memorial Lecture

Engagement In Rehabilitation – A Key Component of Services That Work?

Course Director: Kathryn McPherson, PhD

Faculty: Kathryn McPherson, PhD, Nicola Kayes, MA, Gerben DeJong, PhD, FACRM, Michael Sullivan, PhD

12:00 PM – 1:30 PM

Bernard Brucker Memorial International Lunch

Organized by the ACRM International Committee, this luncheon is specifically organized for attendees from outside the United States. This is a ticketed event.

1:30 PM – 3:00 PM

Sheldon Berrol Memorial Chautauqua

So You Say You Practice a Person-Centered Approach to Rehab - How Do You Really Know If You Are?

Course Director: Christine MacDonell

Faculty: Christopher Poulos, MD, Angela Kwok, MSWRS, Lorraine Riche, BMR, PT, Christine MacDonell

Friday, October 22, 2010

8:00 AM – 9:30 AM

Plenary

Bilateral Arm Movements: From Neurophysiology to Therapeutic Interventions

Course Director: Monica A. Perez, PT, PhD

Faculty: Demetris Soteropoulos, PhD, Monica Perez, PT, PhD, Steven Wolf, PT, PhD, FAPTA, FAHA, Andreas Luft, PhD

10:00 AM – 11:30 AM

ASNR Awards & Lecture

2010 Outstanding Neurorehabilitation Clinician Scientist Award

Lecturer: Pablo Celnik, MD

Understanding and Augmenting Motor Learning for the Benefit of Neurological Rehabilitation

2010 Kenneth Viste, Jr., MD Memorial Lectureship

Lecturer: Alexander Dromerick, MD

5:30 PM – 6:30 PM

Reception

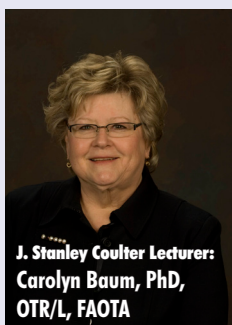
Networking Above the 49th Parallel – Discover Rehabilitation Research in Quebec (CRIR-CIRRIS-REPAR)

Open to all conference attendees with support from the Centre for Interdisciplinary Research in Rehabilitation, the Centre for Interdisciplinary Research in Rehabilitation and Social Integration (CIRRIS), and the Quebec Rehabilitation Research Network (REPAR)

7:00 PM – 9:00 PM

ACRM and ASNR Awards Recognition Dinner

This offsite ticketed event will be held at McGill University's Faculty Club. Join members of the ACRM and ASNR as they recognize the 2010 Award winners and fellows from each society.



J. Stanley Coulter Lecturers:
Carolyn Baum, PhD,
OTR/L, FAOTA

Saturday, October 23, 2010

12:30 PM – 2:30 PM

John Stanley Coulter Lecture Luncheon

This distinguished lectureship was created to honor John Stanley Coulter, MD in celebration of his many contributions to rehabilitation. To be named the Coulter Lecturer is to be recognized for professional achievements that have contributed significantly to the field of rehabilitation.

This year's lecturer is Carolyn Baum, PhD, OTR/L, FAOTA who is the Elias Michael Director and Professor of Occupational Therapy and Neurology at Washington University School of Medicine, a title she has held since 2004.

Her peer-reviewed publications reflect sustained interests in promoting the quality of life of older adults, caregiver burden across stages of dementia, environmental factors that affect participation, the relation of neuropsychological test performance to performance of functional tasks, the rehabilitation of patients with progressive multiple sensory losses, promoting activity

Fulfilling the Promise: Supporting Participation in Daily Life

for cognitively impaired low income inner city residents, and executive functioning assessment. Her research has been supported by the J.S. McDonnell Foundation for a project titled "Linking Neuroscience to Everyday Life," the McDonnell Center for Higher Brain Function for a project titled "Enhanced Image Access and Web-Based Data Access," and for a component of a NIDRR-funded RRTC project titled "Enhancing the Functional and Employment Outcomes of Individuals Who Experience Stroke." She has served as a collaborator on numerous other projects.

Dr. Baum's generous contribution of time and energy to professional, governmental, and community organizations, her native intelligence, warmth, infectious enthusiasm and fundamental concern with improving the quality of life of persons with disabilities fulfills ACRM's goal of honoring Dr. Coulter through excellence in rehabilitation research.

ACCREDITATION INFORMATION

Accreditation Statement: This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Indiana University School of Medicine, the American Congress of Rehabilitation Medicine (ACRM) and the American Society for Neurorehabilitation (ASNR). The Indiana University School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Designation Statement: The Indiana University School of Medicine designates this educational activity for a maximum of **25.75 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Faculty Disclosure Statement: In accordance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Commercial Support, educational programs sponsored by Indiana University School of Medicine (IUSM) must demonstrate balance, independence, objectivity, and scientific rigor. All faculty, authors, editors, and planning committee members participating in an IUSM-sponsored activity are required to disclose any relevant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services that are discussed in an educational activity.

Note: While it offers the CME credit hours noted above, this activity is not intended to provide extensive training or certification in the field.

Certificates will be awarded to those participants who attend the conference, sign the session rosters, and complete an evaluation form. The number of continuing education units (CEUs) awarded will be based upon the number of conference hours attended and the requirements of the specific accrediting organizations.



JFK Johnson Rehab Institute is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is offered for 2.5 ASHA CEUs (Intermediate level, Professional area).

Applications for CEUs are being made to the following accreditation organizations:

Commission for Case Manager Certification
 Certified Rehabilitation Counselor Certification
 Certification of Disability Management Specialists Commission

The American Congress of Rehabilitation Medicine is co-sponsoring this event with APA Division 22 (American Psychological Association, Rehabilitation Psychology). Division 22 (Rehabilitation Psychology) is approved by the American Psychological Association to sponsor continuing education for psychologists. Division 22 (Rehabilitation Psychology) maintains responsibility for this program and its content.

Note: *Symposia that are approved for APA credit are marked with an asterisk (*) on pages 9-15.*

Application for CEU's are being made for the following disciplines not already described: physical therapy, occupational therapy and rehab nurses.



2010 Early Career Course Communicating your Science: Speaking, Writing, and All that Jazz

Keynote Speakers:

Daniel Corcos, PhD, Director, Motor Control and Learning Program in the School of Kinesiology and Professor of Movement Sciences, Neurology, Physical Therapy, and Bioengineering, University of Illinois. "Communicating with Study Sections"

Stacieann C. Yuhasz, PhD, Editor, *Journal of Rehabilitation Research and Development*, Baltimore, MD. "Communicating with Peer Review Journals"

The Early Career Course, co-sponsored by ACRM and the ASNR, will convene the evening of October 19 and all day October 20 during the ACRM-ASNR Joint Educational Conference. In addition to the annual early career course, the mentoring program will be a part of the course. This program involves matching each early career attendee with a mentor who will work with a small group of mentees during the Early Career Course and the educational conference.

All 2010 early career course sessions will incorporate a pre-course assignment that each attendee is expected to complete prior to arriving at the course. Each attendee will prepare a one-page written sample of their work, a 5-min. powerpoint presentation of their research interests and a poster (previously presented work is encouraged).

The 2010 course will kick-off with a Tuesday evening social (October 19). During the social each attendee will meet their mentor, other attendees and the Early Career Committee. At this time, the mentor and his/her mentees should schedule their educational conference mentoring activities. Each mentoring group should select one lecture/presentation from the educational conference. The group should attend this lecture together and participate in a short post-lecture discussion. Each mentoring group is also expected to, as a group, attend and walk through one of the two poster sessions.

Wednesday morning, October 20, one day prior to the educational conference, the Early Career course will start with the first keynote speaker Daniel Corcos who will present on his experience as a study section chair at the NIH. A 30-min. didactic session will follow on presenting

science through writing, emphasizing elements such as providing the context of your research; importance of a logical outline; how to write an abstract; suggesting reviewers; responding to journal-reviewer feedback and authorship responsibilities. This will be followed by a 90-min. breakout session where pairs of mentors and their mentees will discuss written samples attendees have prepared in advance, giving attendees an opportunity to hone their written skills with feedback from mentors and fellow attendees.

Box lunches will be distributed for the lunch time keynote speaker, Stacieann Yuhasz who will discuss her experience as a journal editor, with ample time for questions. Dr. Yuhasz will be available throughout the course to meet with interested attendees to discuss publishing science.

After a brief break we will reconvene for another 30-min. didactic session on orally communicating your science, emphasizing elements such as speaking skills; use of mikes; modulating your tone; slide format; integrating visuals; and keeping the audience engaged. This will be followed by a 90-min. breakout session where pairs of mentors and their mentees will meet and mentees will present a 5-min. powerpoint presentation on their research interests, giving attendees an opportunity to hone their oral presentation skills with feedback from mentors and fellow attendees.

After a brief break, we will reconvene for a 30-min. open session on people telling their own stories of how their career unfolded. Directly following will be a final 30-min. didactic session on visually presenting your science through posters, emphasizing elements such as visual formatting; readability; visual fatigue; use of figures and tables; risks of presenting key data in poster format; use of a poster to elicit advice on a work in progress; taking someone through your poster; and use of a poster for networking and self-promotion. A final 90-min. breakout session will follow where pairs of mentors and their mentees will round posters, giving attendees an opportunity to hone their poster presentation skills with feedback from mentors and fellow attendees.

The 2010 Early Career Course theme is "Communicating your Science: Speaking, Writing, and All that Jazz." At the conclusion of the course, participants should be able to: Identify key elements of good communication in written, oral and visual forms. Integrate feedback from mentors and fellow attendees given during breakout sessions into their own personal communication style.

Preliminary Faculty Highlights

Rachid Aissaoui, PhD, Chaire Industrielle CRSNG sur les aides techniques la posture, Dept de Génie Mécanique, Ecole Polytechnique de Montreal, Montreal, Quebec, Canada.

David Alexander, MD, UCLA, Santa Monica, CA.

Philippe Archambault, Assistant Professor, School of Physical and Occupational Therapy, McGill University, Montreal, Quebec, Canada.

Teresa Ashman, PhD, Associate Director of Psychology Research, Rusk Institute of Rehabilitation Medicine NYU Langone Medical Center, New York, NY.

Duncan Babbage, PhD, Director, Psychology Clinic at Wellington, Senior Lecturer, Massey University, Auckland, New Zealand.

Emilia Bagiella, PhD, Associate Professor of Clinical Biostatistics, Mailman School of Public Health, Columbia University, New York, NY.

Carolyn Baum, PhD, OTR/L, FAOTA, Professor, Occupational Therapy and Neurology, Elias Michael Washington University School of Medicine, St. Louis, MO.

Mark Bayley, MD, Faculty of Medicine, University of Toronto, Toronto Rehab Institute, Toronto, Ontario, Canada.

Simon Beaulieu-Bonneau, PhD, Ecole de Psychologie, Université Laval, Quebec, Canada.

Kathleen Bell, MD, Department of Physical Medicine and Rehabilitation, University of Washington Medical Center, Seattle, WA.

Stacey II Berner, MD, Advanced Centers for Orthopaedic Surgery & Sports Medicine, Owings Mills, MD.

Francois Bethoux, MD, Mellen Center, MP&R, Cleveland Clinic, Cleveland, OH.

Richard Bohannon, PT, DPT, EdD, Professor, Department of Physical Therapy, University of Connecticut, Storrs, CT.

Kathryn Boschen, PhD, MA, Research Department, University of Toronto, Toronto, Ontario, Canada.

Sarah Bowen, PhD, Associate Professor, School of Public Health, Department of Public Health Services, University of Alberta, Edmonton, Canada.

JoAnn Brockway, PhD, Clinical Associate Professor, Rehabilitation Medicine, University of Washington; Attending Psychologist, Comprehensive Outpatient Rehabilitation Program, Harborview Medical Center, Seattle, WA.

Tamara Bushnik, PhD, FACRM, Director of Research, Associate Professor Rusk Institute for Rehabilitation Medicine, NYU Langone Medical Center, New York, NY.

Joshua Cantor, PhD, Assistant Professor, Department of Rehabilitation Medicine, Mount Sinai School of Medicine, Senior Researcher, Rehabilitation Research

and Training Center on TBI Interventions, The New York TBI Model System and Mount Sinai Injury Control Research Center, New York, NY.

Noelle Carlozzi, PhD, Research Scientist, Outcomes and Assessment Research, Kessler Foundation Research Center, University of Medicine and Dentistry of New Jersey-New Jersey Medical School, West Orange, NJ.

S. Thomas Carmichael, MD, PhD, Associate Professor, Department of Neurology, Geffen School of Medicine at UCLA, Los Angeles, CA.

Pablo Celnik, MD, Johns Hopkins Hospital, Baltimore, MD.

Félix Chénier, PhD, Université du Québec, Montreal, Quebec, Canada.

Allison Clark, PhD, Brain Injury Research Center, Houston, TX.

Lisa Connor, PhD, Rehabilitation Institute of Saint Louis, St. Louis, MO.

Daniel Corcos, PhD, Director, Motor Control and Learning Program in the School of Kinesiology and Professor of Movement Sciences, Neurology, Physical Therapy, and Bioengineering, University of Illinois, Chicago, IL.

Nora Cullen, MD, MS, FRCPC, Faculty of Medicine, University of Toronto, Toronto Rehab Institute, Toronto, Ontario, Canada.

Kristen Dams-O'Connor, PhD, Post-Doctorate Fellow Mt. Sinai School of Medicine, New York, NY.

Gagnon Dany, PT, PhD, Rehab Engineering Lab, Lyndhurst Center, Université de Montreal, Montreal Rehabilitation Institute Montreal, Quebec, Canada.

Gerben DeJong, PhD, FACRM, Director, Center for Post-acute Studies, Senior Fellow, National Rehabilitation Hospital, Washington, DC.

Paula Denison, PT, Rehabilitation Institute of Michigan, Detroit, MI.

Anne Deutsch, RN, PhD, CRRN, Clinical Research Scientist, Center for Rehabilitation Outcomes Research, Rehabilitation Institute of Chicago, Chicago, IL.

Judith Deutsch, RN, PhD, CRRN, UMDNJ-SHRP, Newark, NJ.

Marcel Dijkers, PhD, FACRM, Research Professor, Department of Rehabilitation Medicine, Mount Sinai School of Medicine, New York, NY.

Bruce Dobkin, MD, Department of Neurology, University of California LA, Los Angeles, CA.

Alexander Dromerick, MD, Associate Medical Director, National Rehabilitation Hospital; Professor, Rehabilitation Medicine and Neurology, Vice-Chair and Chief of Rehabilitation, Georgetown University School of Medicine; Research Scientist, DC VAMC, Washington, DC.

Cyril Duclos, PhD, Center for Interdisciplinary Research in Rehabilitation of Greater Montreal, Montreal Rehabilitation Institute Montreal, Quebec, Canada.

Linda Ehrlich-Jones, PhD, RN, Clinical Research Scientist, CROR, Rehabilitation Institute of Chicago, Chicago, IL.

Joanna Fadyl, Research Officer, Health Sciences, Auckland University of Technology, Auckland, NZ.

Philippe Fait, Université Laval and Centre Interdisciplinaire de Recherche en Readaptation et Intégration Sociale, Quebec, Canada.

Robert Fucetola, PhD, Washington University, St. Louis, MO.

Isabelle Gagnon, PhD, McGill University, Montreal Children's Hospital, Montreal, Quebec, Canada.

Caron Gan, RN, MScN, AAMFT, Bloorview Kids Rehabilitation, Toronto, Ontario, Canada.

Richard Gershon, PhD, Vice Chairman, Department of MSS, Department of PM&R, Northwestern University, Feinberg School of Medicine, Chicago, IL.

Rebecca Gewurtz, McMasters University, Hamilton, Ontario, Canada.

Joseph Giacino, PhD, FACRM, Director of Rehabilitation Neuropsychology, Spaulding Rehabilitation Hospital, Boston, MA.

Emilie Godwin, PhD, Virginia Commonwealth University, Richmond, VA.

Wayne Gordon, PhD, ABPP/Cn, FACRM, Jack Nash Professor & Associate Director, Department of Rehabilitation Medicine, Chief, Rehabilitation Psychology and Neuropsychology Service, Mount Sinai School of Medicine, New York, NY.

Nadia Gosselin, PhD, Centre d'études Avancées en médecine du sommeil, Hôpital du Sacre-Coeur de Montreal, Montreal, Quebec, Canada.

Dave Gray, PhD, Associate Professor, Occupational Therapy and Neurology, Washington University School of Medicine, St. Louis, MO.

Robin Green, PhD, CPsych, Toronto Rehabilitation Institute, University of Toronto, Toronto, Ontario, Canada.

Charlene Hafer-Macko, MD, Assistant Professor of Neurology, Veteran Affairs of Maryland, Health Care System, University of Maryland, Baltimore, MD.

Hamilton Hall, MD, Professor of Medicine, University of Toronto, Toronto, Ontario, Canada.

Eric Harness, Director of Research and Development Research of SCI Recovery, Carlsbad, CA.

Tessa Hart, PhD, FACRM, Institute Scientist, Moss Rehabilitation Research Institute, Research Associate Professor, Department of Rehabilitation Medicine, Jefferson Medical College, Elkins Park, PA.

Preliminary Faculty Highlights

Allen Heinemann, PhD, ABPP (RP), FACRM, Professor, Physical Medicine and Rehabilitation, Feinberg School of Medicine, Northwestern University; Director, Center for Rehabilitation Outcomes Research, Rehabilitation Institute of Chicago, Chicago, IL.

Ed Hernandez, OT, Dynasplint Systems, Neural Division, Houston, TX.

Holly Hollingsworth, PhD, Statistician, Program in Occupational Therapy, Washington University School of Medicine, St. Louis, MO.

Friedhelm Hummel, MD, University Medical Center Hamburg-Eppendorf, Hamburg, Germany.

Hermano Igo Krebs, PhD, Principal Research Scientist and Lecturer, Massachusetts Institute of Technology Cambridge MA.

Alan Jette, PhD, MPH, Director, Health and Disability Research Institute, Boston University, Boston, MA.

Michael Jones, PhD, Vice President, Research and Technology, Director, Virginia C. Crawford Research Institute, Shepherd Center, Atlanta, GA.

Darryl Kaelin, MD, Medical Director and Medical Research Director, Acquired Brain Injury, Co-Investigator, Acquired Brain Injury, Shepherd Center, Atlanta, GA.

William Kaiser, PhD, Faculty Electrical Engineering Department, University of California at Los Angeles Los Angeles, CA.

Clayton Karr, MS, OTR/L, Director of Clinical Services, The Rehabilitation Institute of St. Louis, St. Louis, MO.

Nicola Kayes, MA, Science, Senior Rehabilitation Research Officer, AUT University, Auckland, New Zealand.

Michelle Keightley, PhD, Assistant Professor, Department of Occupational Science and Occupational Therapy, University of Toronto, Toronto, Ontario, Canada.

James Kelly, MD, National Intrepid Center of Excellence, Bethesda, MD.

John Krakauer, MD, Associate Professor of Neurology and Co-Director, Motor Performance Lab at the Neurological Institute, Columbia University College of Physicians and Surgeons, New York, NY.

Jeffrey Kreutzer, PhD, ABPP, FACRM, Professor and Director of the Rehabilitation Psychology and Neuropsychology Service, Department of Physical Medicine and Rehabilitation, VCU School of Medicine, Richmond, VA.

Angela Kwok, MSWRS, BC Centre for Ability, Vancouver, British Columbia, Canada.

Jenny Lai, MD, The Methodist Hospital Research Institute, Houston, TX.

Christianne Lane, PhD, Biostatistician, Keck School of Medicine, USC, Los Angeles, CA.

Catherine Lang, PT, PhD, Washington University St. Louis, MO.

Ronald Lazar, PhD, Professor of Clinical Neuropsychology in Neurology and Neurological Surgery, Director, Levine Cerebral Localization Lab, Division of Stroke Columbia University, NY.

Giovanna Lazzeri, MD, Centro Giusti Private Institute of PM&R, Firenze, Italy.

William Levack, PhD, University of Otago, Wellington, New Zealand.

Mindy Levin, PhD, PT, Professor of Physical and Occupational Therapy, McGill University, Center for Interdisciplinary Research in Rehabilitation, Montreal, Quebec, Canada.

Alexander Libin, PhD, Training Director, RRTC on SCI, National Rehabilitation Hospital at the MedStar Research Institute, Assistant Professor, Department of Rehabilitation Medicine, Georgetown University Medical Center, Washington, DC.

Andreas Luft, PhD, Centre for Neurology, Hertie-Institute for Clinical Brain Research, Department of General Neurology University of Zurich, Zurich, Switzerland.

Christine MacDonell, Managing Director, Medical Rehabilitation and International Aging Services/Medical Rehabilitation, Washington, DC.

Stephen Macciocchi, PhD, ABPP, Director, Rehabilitation Psychology and Neuropsychology, Shepherd Center, Atlanta, GA.

Richard Macko, MD, Professor of Neurology Veteran Affairs of Maryland, Health Care System, University of Maryland, Baltimore, MD.

Susan Magasi, PhD, Research Scientist, Center for Outcomes, Research, and Education, Northwestern University, Evanston, IL.

James Malec, PhD, ABPP-Cn, Rp, FACRM, Research Director, Rehabilitation Hospital of Indiana, Adjunct Professor of Physical Medicine and Rehabilitation, School of Medicine, Indiana University, Indianapolis, IN.

Victor Mark, MD, Associate Professor, Department of Physical Medicine and Rehabilitation, University of Alabama at Birmingham, Birmingham, AL.

Shawn Marshall, MD, Associate Professor, Ottawa Hospital of Research, Ottawa Hospital Rehab Centre, Faculty of Medicine, The University of Ottawa, Ottawa, Ontario, Canada.

Randolph Marshall, MS, MD, Professor of Clinical Neurology, Columbia University, New York, NY.

Marissa McCarthy, MD, VA Medical Center PM&R University of South Florida, Tampa, FL.

Bradford McFadyen, PhD, Universite Laval and Centre Interdisciplinaire de Recherche en Readaptation et Integration Sociale, Montreal, Quebec, Canada.

Greg McIntosh, CBI, Health Group Research Department, Toronto, Ontario, Canada.

Kathryn McPherson, PhD, AUT University, Auckland, New Zealand.

Mary-Kay Messier, Cascade Sports, Greenwich, CT.

Sylvie Nadeau, PhD, Faculté de Médecine, École de réadaptation, CRIR - Institut de réadaptation Gingras-Lindsay de Montréal, Montréal, Québec, Canada.

Risa Nakase-Richardson, PhD, James A. Haley Veterans Hospital, Tampa, FL.

Monica Nelsen, DPT, Program Manager, Division of Biokinisiology & Physical Therapy, USC, Los Angeles, CA.

Dawn Neumann, PhD, Department of PM&R Carolinas Rehab, Charlotte, NC.

Sally Nikolaj, PhD, President, Nikolaj Consulting Edmonton, Alberta, Canada.

Alana Officer, Coordinator, Disability and Rehabilitation, World Health Organization (WHO), Geneva, Switzerland.

Marie-Christine Ouellet, PhD, Centre Interdisciplinaire de recherche en Readaptation et Integration Sociale, Ecole de Psychologie Univer Laval, Quebec, Quebec, Canada.

Monica Perez, PT, PhD, Assistant Professor, Department of Physical Medicine and Rehabilitation, University of Pittsburgh, Pittsburgh, PA.

Milos Popovic, PhD, MSc, MASc, Scientist, Toronto Rehab, Associate Professor, Institute of Biomaterials and Biomedical Engineering, University of Toronto, Toronto, Ontario, Canada.

Christopher Poulos, MD, Senior Staff Specialist, Port Kembla Hospital, Warrawang, New South Wales, Australia.

Richard Preuss, PhD, MSc, MSc, Assistant Professor, McGill University, Montreal, Quebec, Canada.

Alain Prito, PhD, Montreal Neurological Institute & McGill University, Montreal, Quebec, Canada.

Michael Reding, MD, Director, Stroke Rehabilitation Program, Burke Rehabilitation Center, White Plains, NY; Associate Professor, Neurology, Weill Cornell Medical College, New York, NY.

Lorraine Riche, BMR, PT, Senior Director, Inova Health Care, Fairfax, VA.

Rose Marie Rine, PT, PhD, Director VBGL, University of North Florida, Jacksonville, FL.

Preliminary Faculty Highlights

Angelle Sander, PhD, Assistant Professor, Department of Physical Medicine and Rehabilitation, The Institute for Rehabilitation and Research, Baylor College of Medicine, Houston, TX.

Ronald Seel, PhD, Director, Brain Injury Research, Crawford Research Institute, Shepherd Center, Atlanta, GA.

Adam Seidner, MD, MPH, National Medical Director Travellers Insurance, Hartford, CT.

Mark Sherer, PhD, ABPP-CN, FACRM, Director of Research and Neuropsychology, TIRR Memorial Hermann; Clinical Professor, Department of Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX.

Suzanne Snyder, PT, Carolinas Rehabilitation, Charlotte, NC.

Demetris Soteropoulos, PhD, Research Associate Newcastle University, Newcastle, UK.

Margaret Struchen, PhD, Assistant Professor, Department of Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX.

Mary Stuart, ScD, University of Maryland, Veterans Affairs of Maryland, Health Care System, Baltimore, MD.

Michael Sullivan, PhD, Professor, Department of Psychology, McGill University, Montreal, Quebec, Canada.

Heidi Sveistrup, PhD, MA, BeD, Professor of Rehabilitation Sciences, University of Ottawa, Ottawa, Ontario, Canada.

Robert Teasell, MD, FRCPC, Medical Director, Stroke Rehab Program, Lawson Health Research Institute, Department of PM&R, Schulich School of Medicine The University of Western Ontario, London, Ontario, Canada.

Candy Tefertiller, MSPT, Clinical Coordinator Beyond Therapy, Shepherd Center, Atlanta, GA.

Lance Trexler, PhD, HSPP, Program Director, Neurobehavioral Services, Rehabilitation Hospital of Indiana, Indianapolis, IN.

Theodore Tsaousides, PhD, Assistant Professor Rehabilitation Medicine, Mt. Sinai School of Medicine New York, NY.

David Tulskey, PhD, Vice President, Outcomes & Assessment Research, Director, Spinal Cord Injury Research, Kessler Research Center, Associate Professor, Physical Medicine and Rehabilitation, UMDNJ-NJMS, West Orange, NJ.

Richard van Emmerik, PhD, Amherst College, Boston, MA.

Molly Verrier, MHSC, Associate Professor, Department of Rehabilitation, University of Toronto, Toronto Rehabilitation Institute Toronto, Ontario, Canada.

Robert Wagenaar, MSc, PhD, Department of Physical Therapy/Athletic Train, Boston University, Boston, MA.

Michael Weinrich, MD, National Center for Medical Rehabilitation Research, NICHHD/NIH, Bethesda, MD.

John Whyte, MD, PhD, FACRM, Director, Moss Rehabilitation Research Institute Professor, Department of Rehabilitation Medicine, Thomas Jefferson University, Philadelphia, PA.

Barry Willer, PhD, Professor, Psychiatry, Rehabilitation Sciences, University at Buffalo, Buffalo, NY.

E Buck Willis, PhD, University of Phoenix, Axia College and Dynasplint Systems, San Marcos, TX.

Carolee Winstein, PhD, Professor, Biokinesiology and Physical Therapy, Associate Professor of Neurology, Director, Motor Behavior and Neurorehabilitation Laboratory University of Southern California, Los Angeles, CA.

Catherine Wiseman-Hakes, PhD, Graduate Department of Rehabilitation Science, University of Toronto, Toronto, Ontario, Canada.

George Wittenberg, MD, PhD, Staff Physician, GRECC, Deputy Director, VA Maryland Exercise & Robotics Center of Excellence; Associate Professor, University of Maryland, Baltimore, MD.

Steven Wolf, PT, PhD, FAPTA, FAHA, Center for Rehab Medicine, Emory University, Atlanta, GA.

Stuart Yablon, MD, Methodist Rehab Center, Jackson, MS.

Stacieann C. Yuhasz, PhD, Editor, Journal of Rehabilitation Research and Development, Baltimore, MD.

Jeanne Zanca, PhD, MPT, Assistant Professor, Department of Rehabilitation Medicine, Mount Sinai School of Medicine, New York, NY.

Nathan Zasler, MD, FAAPM&R, FAADP, CBIST, CEO & Medical Director, Concussion Care Centre of Virginia, Ltd.; CEO & Medical Director, Tree of Life Services, Inc, Henrico, VA.

Barbra Zupan, PhD, Associate Professeur, Brock University, St. Catherines, Canada.

Progress in Rehabilitation Research

2010 ACRM–ASNR Joint Educational Conference

Tuesday, October 19

5:45 PM – 8:00 PM Early Career Kick-Off Social

This social event is a kick-off for registered participants of the Early Career Symposium starting Wednesday, October 20.

Wednesday, October 20

8:00 AM – 5:00 PM Registration Desk Open

8:30 AM – 5:15 PM Pre-Conference Symposia

*Enhancing Outcome Measurement in Rehabilitation Settings

Course Director: Allen Heinemann, PhD, ABPP (Rp), FACRM

Faculty: Linda Ehrlich-Jones, PhD, RN, Richard Gershon, PhD, Dave Gray, PhD, Allen Heinemann, PhD, ABPP (Rp), FACRM, Holly Hollingsworth, PhD, Susan Magasi, PhD, Jeanne Zanca, PhD, MPT

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the features of the NIH Assessment Center, a dynamic application that allows researchers to centralize instrument development, study administration, data management, and storage of statistical analysis results. Define methods and instruments to measure community participation and meaningful environments for participation. Evaluate clinicians' outcome assessment needs and methods to fulfill their instrumentation needs.

Rehabilitation Robotics: Role in Neurological Recovery

Faculty: George Wittenberg, MD, PhD, Hermano Igo Krebs, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Identify existing rehabilitation robots for upper and lower extremities, their design choices, and limitations. Discuss key clinical results on the use of therapeutic robotics for stroke rehabilitation. Discuss the potential of rehabilitation robotics as an evaluation tool.

*An Experience-Based Discussion of Challenges to Conducting Multi-Center Clinical Trials in Rehabilitation

Course Director: Joseph Giacino, PhD, FACRM

Moderator: Mark Sherer, PhD, ABPP-CN, FACRM

Faculty: Joseph Giacino, PhD, FACRM, John Whyte, MD, PhD, FACRM, Kathy Bell, MD, JoAnn Brockway, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Outline the key elements of a well-designed randomized controlled trial. Identify three challenges to clinical trials design that are common to rehabilitation research. Describe three strategies to prevent or mitigate protocol violations and other threats to successful study completion.

8:30 AM – 3:45 PM..... Early Career Course

Communicating Your Science: Speaking, Writing, and All That Jazz
Course Director: Claire Kalpakjian, PhD, Steven Wolf, PT, PhD, FAPTA, FAHA
Faculty: Daniel Corcos, PhD, Stacieann Yuhasz, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Identify key elements of good communication in written, oral and visual forms. Integrate feedback from mentors and fellow attendees given during breakout sessions into their own personal communication style.

4:00 PM – 6:00 PM Stroke Networking Group

4:00 PM – 5:45 PM Early Career Poster Session

4:00 PM – 6:00 PM..... Stroke Networking Group

6:00 PM – 8:00 PM ASNR Board Meeting

Thursday, October 21

7:00 AM – 5:00 PM Registration Desk Open

8:00 AM – 8:30 AM Opening Remarks

Joseph Giacino, PhD, FACRM
ACRM President

Michael Reding, MD
ASNR President

8:30 AM – 10:00 AM Plenary

*Research and Policy Working Together to Improve the Lives of People With Disabilities Worldwide

Faculty: Alana Officer

Coordinator, Disability and Rehabilitation, World Health Organization (WHO), Geneva, Switzerland

Clinical/Research Objectives:

At the conclusion of the session, participants should be able to: Identify key issues related to evidence-based policy in rehabilitation. Describe the relevance and influence of current research on health and rehabilitation policies. Discuss how research can be more influential.

*From "Transfer" to "Engagement:" Rethinking Knowledge Translation

Faculty: Sarah Bowen, PhD

Associate Professor, School of Public Health, Department of Public Health Services, University of Alberta, Edmonton, Canada

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Identify limitations of common strategies intended to promote use of evidence in healthcare. Describe the differences between "end of project" and "integrated" KT. Identify three potential benefits of greater engagement between researchers and research users.

10:00 AM – 10:30 AM Break

10:30 AM – 12:00 PMMitchell Rosenthal Memorial Lecture

20 *Engagement In Rehabilitation – A Key Component of Services That Work?

Course Director: Kathryn McPherson, PhD

Faculty: Kathryn McPherson, PhD, AUT University, Auckland, New Zealand; Nicola Kayes, MA, AUT University, Auckland, New Zealand; Gerben DeJong, PhD, FACRM, Center for Post-acute Studies, National Rehabilitation Hospital, Washington, DC; Michael Sullivan, PhD, Department of Psychology, McGill University, Montreal, Quebec, Canada

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the rationale for supporting an explicit focus on interventions to promote engagement as a part of rehabilitation. Outline the current level of evidence about engagement across a diverse array of rehabilitation patients (e.g., those with neurologic conditions, chronic musculoskeletal pain). Consider areas of their own practice/service that might facilitate or pose barriers to patient/client engagement.

10:30 AM – 12:00 PM Concurrent Symposia

12 Interdisciplinary Comprehensive Arm Rehabilitation Evaluation (ICARE) Stroke Trial: Rationale, Challenges, and Opportunities for a Phase III RCT in Neurorehabilitation

Course Director: Carolee Winstein, PhD

Faculty: Carolee Winstein, PhD, Alex Dromerick, MD, Steven Wolf, PT, PhD, FAPTA, FAHA, Christianne Lane, PhD, Monica Nelsen, DPT

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Delineate the critical components of a definitive RCT in neurorehabilitation. Describe the unique characteristics of a complex behavioral intervention in neurorehabilitation. List the most important ingredients for a successful neurorehabilitation clinical trial, including opportunities for all team members to participate.

9 *Resource Facilitation: Methodologies and Methods of Enhancing Community Participation After Brain Injury

Course Director: Lance Trexler, PhD, HSPP

Faculty: Lance Trexler, PhD, HSPP, Joanna Faydl, James Malec, PhD, ABPP-Cn, RP, FACRM, Tessa Hart, PhD, FACRM

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe at least two different post-acute models of intervention that enhance community participation and the research methods utilized to derive these findings. Describe and discuss the process of and possible measures for engagement in promoting community participation. Describe at least two different research methodologies that might be used for studies examining the effects of interventions targeting the level of participation.

42 *Unveiling the NIH Toolbox – Instrument Development, Validation, Demonstration, and Implications for Disability and Rehabilitation Research

Course Director: Susan Magasi, PhD

Faculty: Susan Magasi, PhD, David Tulskey, PhD, Richard Bohannon, PT, DPT, EdD, Richard Gershon, PhD, Victor W. Mark, MD, Rose Marie Rine, PT, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the scope and structure of the NIH Toolbox. Identify the cognitive, motor, sensory and emotional domain content and the instruments psychometric properties. Discuss the implications and opportunities of the NIH Toolbox for disability and rehabilitation research.

11:30 AM – 1:30 PM.....NNR Editorial Board Meeting

12:00 PM – 1:30 PM.....Poster Viewing

12:00 PM – 1:30 PM..... Brucker International Lunch
(ticketed event)

Organized by the ACRM International Committee, this luncheon is specifically organized for attendees from outside the United States. Guest speaker will be Alana Officer, Coordinator, Disability and Rehabilitation Health Organization (WHO).

1:30 PM – 3:00 PMSheldon Berrol Memorial Chautauqua

31 *So You Say You Practice a Person Centered Approach to Rehab - How Do You Really Know If You Are?

Course Director: Christine MacDonell

Faculty: Christopher Poulos, MD, Port Kembla Hospital, Warrawong, New South Wales, Australia; Angela Kwok, MSWRS, BC Centre for Ability, Vancouver, British Columbia, Canada; Lorraine Riche, BMR, PT, Inova Health Care, Fairfax, VA; Christine MacDonell, Medical Rehabilitation and International Aging Services/Medical Rehabilitation, Washington, DC

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Identify research that supports person-centered approaches. Discuss solutions to areas that are problematic in person-centered approaches. Discuss potential measures of person-centered approaches.

1:30 PM - 3:00 PM Concurrent Symposia

***Community-Based Rehabilitation (CBR) and Physical and Rehabilitation Medicine – What Should Be the Links?**

Faculty: Alana Officer

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Discuss CBR and how it has evolved since it was developed by WHO in the 70's. Discuss new guidelines developed for program managers implementing CBR. Explore what links exist between physical and rehabilitation medicine and CBR and how these should evolve.

1 *The Role of Qualitative Metasynthesis in Evidence-Based Rehabilitation

Course Director: William Levack, PhD

Faculty: William Levack, PhD, Kathryn McPherson, PhD, Nicola Kayes, MA, Joanna Fadyl, Rebecca Gewurtz, Gerben DeJong, PhD, FACRM

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe what qualitative metasynthesis is, the key features of its methodology, and what it could offer evidence-based practice in rehabilitation settings. Provide examples of at least two recent qualitative metasyntheses and what these have contributed to research on evidence-based rehabilitation. Describe the key challenges facing qualitative metasynthesis that need

to be addressed if it is to gain greater credibility as a method relevant to evidence-based rehabilitation in the future.

25 *Advances in Outcome Measures for Neurologic Disorders

Course Director: Allen Heinemann, PhD, ABPP, FACRM

Faculty: Allen Heinemann, PhD, ABPP, FACRM, Noelle Carlozzi, PhD, Francois Bethoux, MD, Alan Jette, PhD, MPH, David Tulsy, PhD, Kathryn Boschen, MA, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the purpose and methods of IRT and CAT approaches to assessing persons with neurologic disorders. Discuss issues in developing unidimensional item banks. Describe opportunities to apply IRT/CAT and short form assessment for persons with neurologic disorders.

27 *Improving Interpersonal Competence in Individuals With TBI

Course Director: Barry Willer, PhD

Faculty: Barry Willer, PhD, Angelle Sander, PhD, Duncan Babbage, PhD, Allison Clark, PhD, Dawn Neumann, PhD, Margaret Struchen, PhD, Barbra Zupan, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe evidence-based interventions aimed to improve interpersonal skills in persons with TBI. Describe the interactions between specific impairments and interpersonal competence. Discuss the relationship of social competence to community integration.

3:00 PM – 3:30 PM..... Break

3:30 PM – 5:00 PM.....BI-ISIG Business Meeting

3:00 PM – 5:00 PM.....SCI-SIG Business Meeting

3:30 PM – 5:00 PM..... Concurrent Symposia

10 *Virtual Reality and Game Applications for Motor Rehabilitation

Course Director: Mindy Levin, PhD

Faculty: Mindy Levin, PhD, Philippe Archambault, Heidi Sveistrup, PhD, Judith Deutsch, PhD, PT

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe current and developing virtual reality and game technologies used or with potential for use in rehabilitation. Discuss the attributes of virtual reality applications that can be used to augment traditional rehabilitation approaches such as repetitive practice, individually graded exercise, ecological validity, controlled environments, participant engagement, etc. Identify facilitators and obstacles to the implementation of virtual reality applications in a clinical milieu.

30 *Research Approaches to Acute and Chronic Low Back Pain Assessment and Treatment

Course Director: Christine MacDonell

Faculty: Hamilton Hall, MD, Greg McIntosh, CBI, Sally Nikolaj, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Identify the reliability and validity of specific spine care approaches that classifies low back pain in four distinct subgroups. Describe recent studies in the

literature that addresses Lower back pain treatment effectiveness. Describe a prognostic method for determining possible outcome.

4 *Assessing the Quality and Applicability of Systematic Reviews – A Systematic Approach

Course Director: Marcel Dijkers PhD, FACRM

Faculty: Tamara Bushnik, PhD, FACRM, Marcel Dijkers, PhD, FACRM, Allen Heinemann, PhD, ABPP (Rp), FACRM, Alexander Libin, PhD, Mark Sherer, PhD, FACRM

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the importance of systematic reviews in contemporary clinical care, research and program administration. Elucidate the components of the checklist and why they are there. Implement the checklist, applying it to a published systematic review.

7:00 PM – 9:00 PM..... Welcome Reception With Exhibitors

Friday, October 22

6:45 AM – 5:00 PM.....Registration Desk Open

6:45 AM – 8:00 AM Continental Breakfast

6:45 AM – 4:30 PM.....Poster Viewing

7:00 AM – 8:00 AM Breakfast Symposia

8 *Development and Evaluation of Empirically-Based Interventions for Families After Adult and Adolescent Brain Injury

Course Director: Jeffrey Kreutzer, PhD, ABPP, FACRM

Faculty: Jeffrey Kreutzer, PhD, ABPP, FACRM, Caron Gan, RN, MScN, AAMFT, Emilie Godwin, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe scholarly research relating to family needs and adjustment after pediatric and adult brain injury. Describe the empirical formulation and development of two standardized interventions, one designed for families of adolescents, the other for families of adults with brain injury. Present and discuss quantitative and qualitative evaluation methods, data derived from the interventions, analysis of findings, and implications for future research.

47 *Post-Traumatic Movement Disorders: Assessment and Management

Faculty: Nathan Zasler, MD, FAAPMR, FAADEP, CBIST

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Explain the classification, incidence and prevalence of movement disorders following TBI. Examine the pathoanatomic correlates of post-traumatic movement disorders. Describe the assessment methodologies and treatment options for post-traumatic movement disorders.

34 Functional Implications of Changes in Coordination Dynamics of Walking in Neurological Disabled Individuals

Course Director: Robert Wagenaar, MSc, PhD

Faculty: Robert Wagenaar, MSc, PhD, Richard van Emmerik, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe new developments in the evaluation, diagnostics and treatment of gait and postural disorders and the implications for current practice. Explain the assumptions of the theory of dynamical systems and the relevant tools for studying human movement. Describe how visual spatial function disorders in PD influence gait coordination.

32 *Neuro-Imaging During Rehabilitation: Evaluating Changes in Stroke and TBI Patients

Faculty: David Alexander, MD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Recognize the difference between CT and MR images. Describe the common findings seen on CT and MR imaging of TBI and stroke. Discuss the types of CNS complications seen on a rehabilitation unit post TBI.

8:00 AM – 6:30 PM..... Exhibit Hall Open

8:00 AM – 9:30 AM Plenary

21 Bilateral Arm Movements: From Neurophysiology to Therapeutic Interventions

Course Director: Monica A. Perez, PT, PhD

Faculty: Demetris Soteropoulos, PhD, Newcastle University, Newcastle, UK; Monica Perez, PT, PhD, Department of Physical Medicine and Rehabilitation, University of Pittsburgh, Pittsburgh, PA; Steven Wolf, PT, PhD, FAPTA, FAHA, Center for Rehab Medicine, Emory University, Atlanta, GA; Andreas Luft, PhD, Centre for Neurology, Hertie-Institute for Clinical Brain Research, Department of General Neurology University of Zurich, Zurich, Switzerland

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe current experimental evidence supporting the involvement of different brain regions in the coordination of bimanual arm movement in non-human primates. Discuss specific electrophysiological markers used to assess crossed interactions occurring at the cortical and spinal cord level in humans during bilateral arm voluntary movements. Describe the evidence supporting the use of constraint-induced movement therapy and bilateral arm training to enhance upper-limb motor function in individuals with motor disorders.

9:30 AM – 10:00 AM Break

10:00 AM – 11:30 AMASNR Award & Lecture

2010 Outstanding Neurorehabilitation Clinician Scientist Award

Lecturer: Pablo Celnik, MD

Johns Hopkins Hospital, Baltimore, MD

Understanding and Augmenting Motor Learning for the Benefit of Neurological Rehabilitation

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: List three basic processes that take place during motor learning. Describe the neural substrates underlying different motor learning processes. Explain one of the main neurophysiological mechanisms associated with motor learning.

2010 Kenneth Viste, Jr., MD Memorial Lectureship

Lecturer: Alexander Dromerick, MD

National Rehabilitation Hospital; Rehabilitation Medicine and Neurology, Georgetown University School of Medicine; DC VAMC, Washington, DC

Lecture title: TBD

11:30 AM – 12:30 PM..... Research Roundtables

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Generate ideas for collaborative research and future course proposals. Establish formal networking groups and opportunities for continued collaboration. Discuss controversial and relevant issues in the area of rehabilitation through an informal setting.

12:45 PM – 1:45 PM.....ACRM Membership Meeting

Presidential Address by Joseph T. Giacino, PhD, FACRM

1:45 PM – 2:45 PM.....ASNR Membership Meeting

2:30 PM – 3:00 PM..... Break

3:00 PM – 5:00 PM Paper Presentations & Deborah L. Wilkerson Award Presentation

3:00 PM – 4:30 PM Concurrent Symposia

2 *Does Amantadine Hydrochloride Work in Promoting Recovery of Function Following Severe Brain Injury: Results of a Multi-center Prospective Randomized Controlled Trial

Course Director: Joseph Giacino, PhD, FACRM

Faculty: Joseph Giacino, PhD, FACRM, John Whyte, MD, PhD, FACRM, Emilia Bagiella, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Determine the effectiveness of amantadine hydrochloride in patients with disorders of consciousness. Describe the indications and contraindications for use of amantadine hydrochloride. Specify the most common adverse effects of amantadine hydrochloride.

11 *Measuring the Quality of Rehabilitation Care: Opportunities and Challenges

Course Directors: Anne Deutsch, PhD, RN, CRRN, Gerben DeJong, PhD, FACRM

Faculty: Anne Deutsch, PhD, RN, CRRN, Gerben DeJong, PhD, FACRM, Suzanne Snyder, PT, Christopher Poulos, MD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe three key organizations involved in health care quality efforts. Identify two implications for medical rehabilitation practice, competition and payments. Identify three challenges to measuring the quality of rehabilitation care.

44 *Exercise After Stroke: Clinical Models, Cardiometabolic Health, & Community Translation

Course Director: Richard Macko MD

Faculty: Richard Macko, MD, Charlene Hafer-Macko, MD, Mary Stuart, ScD, Michael Weinrich, MD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Define key physiological and functional targets for exercise rehabilitation after stroke and their relevance to rehabilitation and cardiovascular health outcomes. Recognize the unique structural and metabolic abnormalities that contribute to poor cardiovascular fitness levels and insulin resistance after stroke, and the potential for exercise to reduce CVD and diabetes risk. Identify models of adaptive physical activity that can be implemented at the community level as a health and wellness promoting resource to stroke survivors.

5:30 PM – 6:30 PM.....Reception**Networking Above the 49th Parallel – Discover Rehabilitation Research in Quebec (CRIR-CIRRIS-REPAR)**

Open to all conference attendees.

7:00 PM – 9:00 PM.....ACRM and ASNR Awards and Recognition Dinner

This offsite ticketed event will be held at McGill University's Faculty Club. Join members of the ACRM and ASNR as they recognize the 2010 Award winners and fellows from each society.

Saturday, October 23**6:45 AM – 4:00 PM.....Registration Desk Open****7:00 AM – 8:15 AM Continental Breakfast & Awards****8:30 AM – 10:30 AM Exhibit Hall Open****8:30 AM – 10:00 AM Concurrent Symposia****26 *The Case for Very Early Stroke Rehabilitation**

Course Director: Randolph Marshall, MS, MD

Faculty: S. Thomas Carmichael, MD, PhD, Randolph Marshall, MS, MD, Friedhelm Hummel, MD, Ronald Lazar, PhD, John Krakauer, MD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the basic science and imaging evidence for neuroplasticity after stroke. Report the current evidence for efficacy of transcranial direct current stimulation and behavioral interventions for motor and language recovery. Delineate the potential risks and benefits of early rehabilitation after acute stroke.

50 Contracture Reduction, Head to Toe

Course Director: F. Buck Willis, PhD

Faculty: F. Buck Willis, PhD, Stacey Il Berner, MD Jenny Lai, MD, Ed Hernandez, OT

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the molecular aspects of contracture which are common to contracture of neural, orthopaedic or idiopathic origin. Explore protocols' ability to accomplish contracture reduction. Examine recent studies (Level of Evidence I and II) in contracture reduction to understand effective outcome measures in contracture reduction.

19 *Activity-Based Therapies in Spinal Cord Injury: Clinical Focus and Evidence-Based Approach in Four Independent Programs

Course Director: Michael Jones, PhD

Faculty: Michael Jones, PhD, Candy Tefertiller, MSPT, Eric Harness, Paula Denison, PT, Giovanna Lazzeri, MD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the theoretical basis for activity-based therapy. Describe the treatment modalities and decision rules for tailoring modalities to participants. Describe and contrast the approaches used in four different activity-based therapy programs.

36 *Sleep-Wake Disturbances Following Traumatic Brain Injury.

Course Director: Marie-Christine Ouellet, PhD

Faculty: Marie-Christine Ouellet, PhD, Joshua Cantor, PhD, Simon Beaulieu-Bonneau, PhD, Nadia Gosselin, PhD, Catherine Wiseman-Hakes, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Recognize and differentiate insomnia, fatigue, excessive daytime sleepiness and problems with vigilance in survivors of brain injury. Identify evidence-based tools to subjectively and objectively evaluate post-TBI sleep-wake disturbances in their clients or research participants. Recognize the importance of treating sleep-wake disturbances and of documenting their results through research in order to counter the paucity of evidence-based interventions in this population.

8:30 AM – 10:00 AM NIDRR Paper Presentations**10:00 AM – 10:30 AM Break****10:30 AM – 12:00 PM..... Symposia****29 *Wearable Sensors and Algorithms to Identify the Type, Quantity, and Quality of Everyday Physical Activities**

Course Director: Bruce Dobkin, MD

Faculty: Bruce Dobkin, MD, William Kaiser, PhD, Robert Wagenaar, MSc, PhD

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe how inexpensive sensor technologies can provide valuable data through new Bayesian and other machine-learning algorithms. Discuss new procedures to monitor rehabilitation interventions and outcomes in daily practice. Apply new monitoring and measurement tools to monitor and assess clinically relevant outcomes for clinical trials.

24 *Acute Rehabilitation of Persons With Disorders of Consciousness: Outcomes From Three Multi-Center Studies

Course Director: Risa Nakase-Richardson, PhD

Faculty: Risa Nakase-Richardson, PhD, Joseph Giacino, PhD, FACRM, Marissa McCarthy, MD, Stuart Yablon, MD, John Whyte, MD, PhD, FACRM, James Kelly, MD, Adam Seidner, MD, MPH

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the prevalence of recovery of conscious behaviors across three multi-system studies. List functional outcome measures sensitive to change in persons with disorders of consciousness in multi-system studies. List socio-economic outcomes of persons in acute neurorehabilitation with disorders of consciousness.

22 *Executive Plus, a Comprehensive Neurorehabilitation Program: Theoretical Foundations and Clinical Implementation

*Course Director: Wayne Gordon, PhD, ABPP/Cn, FACRM
Faculty: Wayne Gordon, PhD, ABPP/Cn, FACRM, Teresa Ashman, PhD, Theodore Tsoulosides, PhD, Kristen Dams-O'Connor, PhD, Joshua Cantor, PhD*

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the theoretical and conceptual foundations that underlie the core components of CNP. Discuss implementation of core components/techniques of CNP in individual and group settings and related challenges. Describe primary findings and knowledge gained from a recent RCT on CNP and identify directions for future exploration.

13 Trunk Control and Its Implications on Spinal Cord Injury Rehabilitation

*Course Director: Milos Popovic, PhD
Faculty: Milos Popovic, PhD, Rachid Aissaoui, PhD, Sylvie Nadeau, PhD, Molly Verrier, MHSC, Gagnon Dany, PT, PhD, Richard Preuss, PhD, Cyril Duclos, PhD, Félix Chénier, PhD*

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Discuss latest findings pertaining to kinematic and dynamic behavior of the trunk and trunk muscles during: a) quiet and perturbed sitting, b) reaching, c) transfers, and d) wheeling. Discuss effects of trunk impairments on: a) quiet and perturbed sitting, b) reaching, c) transfers, and d) wheeling. Present state of the art experimental setups and techniques for measuring and evaluating trunk postural control.

12:30 PM – 2:30 PM..... J. Stanley Coulter Lecture Lunch
(ticketed event)

***Fulfilling the Promise: Supporting Participation in Daily Life**
*Coulter Lecturer: Carolyn Baum, PhD, OTR/L, FAOTA
Occupational Therapy and Neurology, Elias Michael Washington University School of Medicine, St. Louis, MO*

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Discuss rehabilitation science as the link between biomedical science and population health. Describe the need to expand rehabilitation outcomes from measures of function to measures of participation in home, work and community life. Discuss the knowledge generated by rehabilitation scientists to improve the daily lives of people with chronic conditions and impairments that can result in disability without comprehensive rehabilitation.

2:30 PM – 4:00 PM..... Symposia

40 *Clinical Considerations in the Diagnosis and Treatment of Major Depression After Moderate to Severe TBI

*Course Director: Ronald Seel, PhD
Faculty: Ronald Seel, PhD, Stephen Macciocchi, PhD, ABPP, Darryl Kaelin, MD*

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Identify diagnostic features and risk factors for major depression following TBI. Make informed differential diagnosis of major depression and other common psychiatric and cognitive disorders following TBI. Acquire up to date knowledge on evidence basis for medication, behavioral, and cognitive therapies for major depression following TBI.

3 *The Brain Recovery Core: Building a Model System for Organized Stroke Rehabilitation

*Course Director: Catherine Lang, PT, PhD
Faculty: Catherine Lang, PT, PhD, Robert Fucetola, PhD, Lisa Connor, PhD, Clayton Karr, MS, OTR/L*

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Discuss the fragmentation of rehabilitation services across the continuum of care. Evaluate clinical measurement and information sharing needs for rehabilitation services delivered at various time points along the continuum of care. Describe the benefits and challenges of implementing systematic assessments across institutions.

7 *The Need for Early and Accurate Diagnosis of Mild Traumatic Brain Injury and Advances in Behavioral and Neuroimaging Diagnostic Research

*Course Directors: Robin Green, PhD, CPsych, Bradford McFadyen, PhD
Faculty: Robin Green, PhD, CPsych, Mary-Kay Messier, Alain Pfito, PhD, Philippe Fait, MSc, Michelle Keightley, PhD, Bradford McFadyen, PhD, Isabelle Gagnon, PhD*

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Articulate the clinical problem. Describe recent advances in behavioral research. Describe recent advances in neuroimaging research.

35 *Application of Best Evidence in Acquired Brain Injuries. The ERABI: A Research Synthesis of Interventions for Moderate to Severe Acquired (Traumatic) Brain Injuries: 5th Edition

*Course Director: Robert Teasell, MD, FRCPC
Faculty: Robert Teasell, MD, FRCPC, Mark Bayley, MD, Nora Cullen, MD, MS, FRCPC, Shawn Marshall, MD*

Clinical/Research Objectives:

At the conclusion of this session, participants should be able to: Describe the evidence-base for assessments and interventions used in the rehabilitation of acquired brain injuries. Utilize a web-based research synthesis of assessments and interventions used in the rehabilitation of acquired brain injuries. Apply best evidence in the management of acquired brain injuries clinical simulations.

4:00 PM – 6:45 PM.....ACRM Board of Governors Meeting

Sunday, October 24

8:00 AM – 12:00 PM.....ACRM Board of Governors Meeting

*Symposia approved for APA credit.

Progress in Rehabilitation Research

2010 ACRM-ASNR Joint Educational Conference Registration Form

First Name: _____ Last Name _____

Badge Name: (First Name as you would like it to appear on badge) _____ Degree(s): _____

Please check all that apply: ACRM Member ASNR Member ACRM & ASNR Member *Non-Member
 *Non-Members please select an organization to receive a complimentary 6-month membership: ACRM Member ASNR Member

Email (required for registration confirmation): _____ Tel: _____

Title/Work Function: _____ Specialty: _____

Facility/Organization: _____ Dept: _____

Address: _____ Apt/Suite: _____

City: _____ Province/State: _____ Postal Code: _____ Country: _____

[Check here to opt out of providing your email address to conference sponsors and exhibitors](#)

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(A) Wednesday Pre-Conference

	Until 30 June	1 Jul- 31 Aug	1 Sept- 17 Oct	After 17 Oct
<input type="checkbox"/> Enhancing Outcome Measurement in Rehabilitation Settings				
Member	\$95.00	\$125.00	\$145.00	\$195.00
Non-Member	\$145.00	\$175.00	\$195.00	\$245.00
Student	\$45.00	\$55.00	\$65.00	\$95.00
<input type="checkbox"/> An Experience Based Discussion of Challenges to conducting Multi-Center Clinical Trials in Rehabilitation				
Member	\$95.00	\$125.00	\$145.00	\$195.00
Non-Member	\$145.00	\$175.00	\$195.00	\$245.00
Student	\$45.00	\$55.00	\$65.00	\$95.00
<input type="checkbox"/> Rehabilitation Robotics: Role in Neurological Recovery				
Member	\$95.00	\$125.00	\$145.00	\$195.00
Non-Member	\$145.00	\$175.00	\$195.00	\$245.00
Student	\$45.00	\$55.00	\$65.00	\$95.00
<input type="checkbox"/> Early Career Development (MUST register for Full Conference to attend)				
	\$45.00	\$55.00	\$65.00	\$95.00

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(B) Full Conference:

	Until 30 June	1 Jul- 31 Aug	1 Sept- 17 Oct	After 17 Oct
Member	\$395.00	\$495.00	\$555.00	\$695.00
Non-Member (Includes 6-month ACRM membership)	\$545.00	\$645.00	\$695.00	\$845.00
Student/Resident/Fellow	\$150.00	\$175.00	\$175.00	\$195.00
Day Registration: (Circle One) Thursday / Friday / Saturday	\$195.00	\$245.00	\$295.00	\$350.00
Host Country Rate (Must live or work in Canada)	\$395.00	\$495.00	\$555.00	\$695.00

(C) Additional Sessions or Events I plan to attend:

<input type="checkbox"/> Wednesday: Stroke Networking Group				\$0.00
<input type="checkbox"/> Thursday: Brucker International Lunch (Limit 50)				\$12.00
<input type="checkbox"/> Thursday: Chautauqua				\$0.00
<input type="checkbox"/> Thursday: Spinal Cord Injury Networking Group				\$0.00
<input type="checkbox"/> TBD: Outcomes Measurement Networking Group				\$0.00
<input type="checkbox"/> Friday: Canadian Reception				\$0.00
<input type="checkbox"/> Friday: Awards Recognition Dinner				
	Until 30 June	1 Jul- 31 Aug	1 Sept- 17 Oct	After 17 Oct
	\$45.00	\$55.00	\$65.00	\$95.00
<input type="checkbox"/> Saturday: Coulter Luncheon (Limit 75)				
	Until 30 June	1 Jul- 31 Aug	1 Sept- 17 Oct	After 17 Oct
	\$45.00	\$55.00	\$65.00	\$95.00

Total A – Wednesday Pre-Conference: _____ USD

Total B – Full Conference: _____ USD

Total C – Additional Events: _____ USD

TOTAL AMOUNT in USD: _____ USD

Progress in Rehabilitation Research

2010 ACRM-ASNR Joint Educational Conference Registration Form

To Register, please do ONE of the following:

Complete registration online at:

<http://www.certain.com/system/form/895471>

Email your completed form with credit card information to Michelle Lee at MichelleL@hgmp.com

Fax your completed form with credit card information to +1.714.730.8413

Mail your completed form with check or money order (US funds only) made payable to **ACRM** to:
2010 ACRM-ASNR Joint Educational Conference
9531 Valparaiso Court, Suite A
Indianapolis, IN 46268

Type of Payment Enclosed

Check/Money Order (US Funds Only) Check # _____

Make check payable to: ACRM

Credit Card (fill out information below)

MasterCard Visa American Express Discover

Credit Card Number: _____ Exp: _____

Print Name as it appears on Card: _____

Cardholder's Signature: _____

Please note if your credit card is declined you will be notified and asked for an alternative payment method. A US \$20 charge will be applied for returned checks and/or rebilling of a credit card.

Special Needs (list – accommodations, dietary, etc): _____

Emergency Contact

Contact Name: _____

Contact Tel: _____

Cancellation Policy:

I have read the Cancellation Policy below. (Please check.)

- All cancellations and substitutions for the main conference will be charged a US \$150 fee. For cancellations, Members will receive an automatic 6-month extension of their membership and Non-members will receive a 6-month ACRM or ASNR membership with a subscription to the organization's journal, which will be effective upon cancellation. Cancellations will be accepted until **October 18, 2010**. For substitutions, the individual attending the meeting will be charged US \$150 and receive a 6-month ACRM or ASNR membership or a 6-month extension of an existing ACRM or ASNR membership.
- Cancellations to any of the Pre-conference or Early Career Development courses will be charged US \$45 per course.

Please Note:

- You must be an active ACRM (not BI-ISIG only) or ASNR member at time of registration to receive the Member Rate.
- Non-members who live and/or work in Canada can now register at the Host Country Rate. Proof of Canadian citizenship or a business card MUST be presented at the registration desk.
- The Non-Member Rate includes a 6-month ACRM or ASNR membership with a subscription to the organization's journal, which will be effective upon completion of registration.

Please contact Christine Zahuranec at +1.317.471.8460 for special pricing if you are an Emeritus Member, unemployed, a Consumer with a disability, interested in a group rate of 5 or more, or traveling from an LDC.