PM&R NOW 2017 Spring Writing Cycle: Topics open for application

Topics highlighted in **Yellow are available for refresh** and topics in **Blue are NEW TOPICS** that need to be developed from scratch. Please click on the link next to any highlighted topics to be directed to the application webpage. Please note that this is an abbreviated Table of Contents. The full TOC can be viewed here:

http://me.aapmr.org/kn/toc.html

**Rehabilitation of Central Nervous System Disorders**

- **Disorders of the Brain**
  - Traumatic brain injury
  - Cerebrovascular disorders
  - Hypoxic
    - Metabolic brain injury
    - Hypoxic brain injury
      - [Hypoxic brain injury](#)
      - [Pediatric anoxic brain injury](#)
    - [Metabolic encephalopathies](#)
  - Cerebral neoplasm

- **Spinal Cord Injury and Disorders**
  - Traumatic spinal cord disorders
    - SCI Traumatic part 1 (Disease/Disorder, Essentials of Assessment)
    - SCI Traumatic part 2 (Management and Treatment, Cutting edge concepts in practice, Gaps in evidence-based knowledge)
  - Non-traumatic myelopathies
    - Spondylosic myelopathy
      - [Cervical Spondylosic Myelopathy](#)
    - Neurodegenerative
      - [Spinal Muscular Atrophy (SMA)](#)
    - Infectious disorders of the spinal cord
    - Spinal tumors
      - [Spinal tumors](#)

- **Immune Mediated and Neurodegenerative Disorders**
  - Multiple Sclerosis
  - Extrapyramidal/movement disorders
    - Idiopathic Parkinson Disease
- **Idiopathic Parkinson Disease**
  - Other extrapyramidal movement disorders, Parkinson plus syndrome (excluding idiopathic Parkinson disease)
    - Other extrapyramidal movement disorders
    - Freidreich's ataxia
    - Amyotrophic lateral sclerosis

- **Complications and Consequences of Brain and Spinal Cord Disorders**
  - Syndromes of impaired consciousness
  - Autonomic and cardiovascular complications
    - Autonomic Dysreflexia
      - Autonomic Dysreflexia in Spinal Cord Injury
    - Orthostatic hypotension
      - Orthostatic Hypotension in SCI
      - Impaired thermoregulation
  - Pulmonary complications
  - Musculoskeletal complications
    - Overuse injuries in disorders of the central nervous system
    - Heterotopic ossification
      - Heterotopic ossifications
Medical Rehabilitation

- Cardiovascular and Pulmonary Diseases
  - Cardiac diseases
    - Cardiac rehabilitation before and after cardiac transplantation
  - Amputation and Wounds
    - Amputation
      - Upper limb amputations
        - Upper limb amputations
      - Lower limb amputations
        - Peri-operative management
          - Peri-Operative Management
      - Upper limb prosthetics
        - Upper limb prosthetics
      - Lower limb prosthetics
        - Lower limb prosthetics
  - Cancer, Organ Transplant and Immune-compromised Patients
    - Cancers
      - Exercise effects and fatigue in cancer patients
      - Side effects of treatment (surgery, chemotherapy, radiation therapy)
        - Radiation plexopathy
      - Rehabilitation of specific organ system cancers
        - Brain tumor
          - Intracranial Neoplasms
        - Bone tumor
          - Rehabilitation interventions for metastatic bone tumors
    - Organ transplantation
      - Solid Organ Transplant Rehabilitation
      - Mixed connective tissue (face/hand)
        - Mixed connective tissue (face and hand)
  - Polytrauma, Debility and Burns
    - Rehabilitation of patients in critical care settings
    - Orthostatis (other than related to spinal cord injury)
  - Geriatric and Gender-specific Disorders
    - Geriatric rehabilitation
      - Polypharmacy in the elderly
        - Polypharmacy
      - Delirium and dementia
        - Fall Prevention in the Elderly
      - Geriatric gait and balance disorders
Musculoskeletal Medicine

- Disorders of the Spine
  - Cervical
  - Thoracic
    - Thoracic radiculopathy / myelopathy
      - [Click Here To Apply]
    - Cervical and Thoracic Zygapophysial joint arthropathy and costotransverse joint arthropathy
      - [Cervical and Thoracic Zygapophysial joint arthropathy]
    - Thoracic compression fracture
      - [Compression Fractures of the Spine]
  - Lumbar
    - Lumbar stenosis
      - [Lumbar stenosis]
    - Lumbar spondylosis/spondylolysis (without myelopathy)
      - [Lumbar spondylosis without myelopathy]
    - Lumbar zygapophyseal joint arthropathy
      - [Lumbar zygapophyseal joint arthropathy]
    - Lumbar spondylolisthesis
      - [Lumbar spondylolisthesis]
      - [Lumbar Strain]

- Disorders of the Upper Limb
  - Shoulder
    - Shoulder tendon and muscle injuries
      - [Shoulder tendon and muscle injuries]
    - Shoulder fractures, separation/dislocation, and other soft tissue injuries
      - [Shoulder fractures, separation/dislocation, and other soft tissue injuries]
    - Greater tuberosity fractures
      - [Shoulder instability, dysfunction and scapular dyskinesis]
  - Elbow
  - Wrist and Hand

- Disorders of the Lower Limb
  - Pelvis, hip, and thigh
    - Hip and pelvic arthropathies and labral tears
      - [Hip and pelvic arthropathies and labral tears]
    - Hip osteoarthritis
    - Femoral acetabular syndrome
      - [Femoral acetabular syndrome]
    - Hip and pelvis neuropathies and plexopathies
      - [Proximal lower extremity mononeuropathies]
- Other pelvic and hip disorders
  - Knee
    - Meniscus injuries of the knee
    - Cruciate ligament injuries
      - Anterior cruciate ligament injuries
        - ACL Injury and Rehabilitation
      - Posterior cruciate ligament (PCL) injuries
    - Patellofemoral syndrome
      - Patellofemoral syndrome
    - Knee overuse disorders
      - Knee overuse disorders
    - Patellofemoral syndrome
    - Popliteus tendinopathy
      - Tendinopathy
    - Septic arthritis of the knee
  - Ankle and foot
    - Ankle and foot overuse disorders
      - Ankle and foot overuse disorders
    - Achilles tendinopathy
      - Achilles tendinopathy
    - Chronic ankle instability
    - Pes planus/cavus
      - Pes planus/cavus

- Gender-specific Disorders and Sports Medicine
  - Endocrine abnormalities affecting the musculoskeletal system
    - Endocrine abnormalities affecting the musculoskeletal system
  - Osteopenia and osteoporosis
    - Osteoporosis in Rehabilitation
    - Osteogenesis Imperfecta
Pain / Neuromuscular Medicine Rehabilitation

**Pain Medicine / Chronic Pain**
- Central and central nervous system pain states
- Peripheral Pain Disorders
  - Spinal/paraspinal or cervical/thoracic/lumbosacral pain
    - Post-laminectomy pain
  - Discogenic pain
    - Lumbar disc disorders
    - Discogenic Lumbar Pain
  - Lumbar Strain
- Painful medical diseases
  - Neurological diseases
    - Multiple sclerosis
      - Multiple Sclerosis
    - AIDP/CIDP Part 1: Evaluation and Diagnosis
    - AIDP/CIDP Part 2: Treatment
  - Human immune virus/acquired immune deficiency syndrome
    - Lyme Disease
    - Porphyria
- Psychological pain components
  - Somatiform disorders
    - Somatization disorder
      - Somatization disorder
      - Somatic Symptom Disorder

**Neuromuscular Medicine**
- Clinical neuromuscular conditions
  - Nerve root/radiculopathy
  - Peripheral nerve
    - Median nerve mononeuropathies
      - Carpal Tunnel Syndrome
    - Lower extremity peripheral nerve injuries
    - Distal lower extremity mononeuropathies
      - Distal lower extremity mononeuropathies
    - Tibial
      - Main trunk
      - Fibular (peroneal)
    - Generalized peripheral nerve disorders
      - Inherited
        - Hereditary Motor Sensory Neuropathy (HMSN)
      - Autonomic peripheral nerve disorders
      - Immune mediated
- HIV in Children and Adolescents
- Immune Mediated Neuropathies
- Peripheral neuropathies associated with systemic disease

**Muscle**

- Dystrophies (adolescent and adult onset)
  - Part 1: Adult and adolescent onset muscular dystrophies: evaluation and diagnosis
  - Part 2: Adult and adolescent onset muscular dystrophies: treatment
    - [Part 1: Adult and adolescent onset muscular dystrophies: evaluation and diagnosis](Click Here To Apply)
    - Limb girdle
      - [Limb Girdle Muscular Dystrophies](Click Here To Apply)
    - Facioscapulohumeral
      - [Adult and Geriatric Muscle Disease](Click Here To Apply)
- Myotonic dystrophy types
  - Congenital
    - [Congenital Myotonic Dystrophy](Click Here To Apply)
  - Adult onset
    - [Myotonic Disorders of Muscle](Click Here To Apply)
- Congenital myopathies
  - Hereditary and sporadic inclusion body myositis
    - Hereditary and sporadic inclusion body myositis
      - [Hereditary and sporadic inclusion body myositis](Click Here To Apply)
  - [Adult and Geriatric Muscle Disease](Click Here To Apply)
- Metabolic myopathies
  - [Adult and Geriatric Muscle Disease](Click Here To Apply)
- Mitochondrial myopathies
  - [Adult and Geriatric Muscle Disease](Click Here To Apply)
- Nondystrophic myotonia and periodic paralysis
  - [Click Here To Apply](Click Here To Apply)
- Rhabomyolysis
- Inflammatory myopathies
  - Polymyositis
    - Polymyositis
    - [Adult and Geriatric Muscle Disease](Click Here To Apply)
- Toxic myopathy
  - Toxic myopathy
    - [Click Here To Apply](Click Here To Apply)
Pediatric Rehabilitation

- **Neurological Disorders**
  - Central Neurological - Brain and Spinal Cord
  - Central Neurological - Spinal Cord
    - Congenital
      - Spinal dysraphisms
        - Myelomeningocele
          - Myelomeningocele (Spina Bifida)
      - Pediatric syringomyelia
      - Genetic conditions
        - Spinal Muscular Atrophy (SMA)
        - Tethered cord syndrome
          - Tethered Cord Syndrome
    - Acquired
      - Traumatic spinal cord injury
        - Traumatic spinal cord injury
      - Spinal cord injury without radiological abnormality
  - Neuromuscular Disorders
    - Muscle disorders
      - Congenital
        - Dystrophies
          - Limb girdle muscular dystrophy
            - Limb Girdle Muscular Dystrophies
          - Duchenne muscular dystrophy
            - Duchenne and Becker Muscular Dystrophy
          - Beckers muscular dystrophy
            - Duchenne and Becker Muscular Dystrophy
          - Part 1: Adult and adolescent onset muscular dystrophies: evaluation and diagnosis
        - Emery Driefuss muscular dystrophy
      - Myotonic disorders
    - Acquired
      - Inflammatory
        - Dermatomyositis
        - Polymyositis
        - Polymyositis
      - Pediatric infectious myositis
      - Toxin mediated myositis in children
        - Toxic myopathy
    - Other
      - Torticollis

- **Musculoskeletal Disorders**
  - Amputation/limb deficiency
    - Acquired
    - Pediatric acquired upper and lower limb deficiency
  - Congenital
    - Congenital Upper Limb Deficiency
    - Congenital Lower Limb Deficiency
- Soft Tissue
  - Congenital
    - Ehler-Danlos syndrome
  - Other spinal disorders in children
    - Pediatric spondylolysis and spondylolisthesis
    - Klippel-Feil syndrome
    - Scheuermann's disease
      - Scheuermann's disease
  - Scoliosis
    - Scoliosis
      - Pediatric Idiopathic Scoliosis
      - Pediatric Neurogenic Scoliosis
- **Cancer and Organ Transplantation**
  - Rehabilitation in blood malignancies including leukemia and lymphoma
    - [Click Here To Apply]
  - Neurofibromatosis
    - Type 1
      - [Click Here To Apply]
    - Type 2
      - [Click Here To Apply]
- **Pain Disorders**
  - Fibromyalgia
    - Fibromyalgia
  - Complex regional syndromes types 1 and 2
    - Complex regional pain syndrome Part 1: Essentials of Assessment and Diagnosis
    - Complex regional pain syndrome Part 2: Management and Treatment
  - Adolescent pain disorders
    - Rehabilitation Approach to Adolescent Pain
Essentials of Rehabilitation Practice and Science

Specialized Physiatric Assessment and Management Strategies

- **Specialized Physiatric Assessment and Management Strategies**
- **Procedures**
  - **Diagnostic**
    - Physiatric approaches to physical examination
      - Neurological examination and classification of SCI [Click Here To Apply]
      - Cognitive/behavioral/neuropsychological testing [Click Here To Apply]
      - Specialized musculoskeletal examination
        - Specialized musculoskeletal examination
  - **Imaging**
    - Imaging
      - MRI and CT scanning NEW TOPICS [Click Here To Apply]
      - Plain radiology NEW TOPICS [Click Here To Apply]
      - Ultrasound Imaging of Musculoskeletal Disorders [Click Here To Apply]
  - **Principles of pharmalogic treatments**
    - Injectable agents
      - Injectable agents
    - Analgesics
      - Non-opioids
        - Non-steroidal anti-inflammatory agents
          - Nonsteroidal Anti-Inflammatory Medications
        - Anticonvulsants [Click Here To Apply]
      - Other adjuvant agents
    - Opioids
      - Opioid Management for Chronic Pain
  - **Physiatric therapeutics**
    - **Exercise**
      - Exercise prescription and basic principles of therapeutic exercise
        - Exercise prescription and basic principles of therapeutic exercise
      - Endurance
        - Cardiovascular
          - Cardiac issues in sports medicine [Click Here To Apply]
      - Integrative approaches to therapeutic exercise
        - Manual treatments
        - Upper and lower limb orthoses and therapeutic footwear
- Upper and lower limb orthoses and therapeutic footwear
  - Cervico lumbar and spinal orthoses
    - Cervical/thoracic
    - Lumbosacral/pelvic
    - Cervical, Thoracic and Lumbosacral Orthoses
- Environmental evaluation
  - Environmental evaluation
  - Virtual reality/robotic applications in rehabilitation
    - Administrative rehabilitation medicine
      - Systems based practice
        - Administrative Rehabilitation Medicine--Systems-based Practice
    - Palliative care
- Rehabilitation team functioning
  - Rehabilitation team functioning
  - Outcome measurement in rehabilitation
  - Disability evaluation
  - Quality improvement/patient safety issues relevant to rehabilitation
  - Compliance issues relevant to rehabilitation
  - Regulatory and accreditation requirements in rehabilitation
  - Medico-legal considerations/risk management in rehabilitation
    - Medico-legal considerations / risk management in rehabilitation
  - Patient advocacy in rehabilitation
  - Clinical informatics in rehabilitation practice
  - Communication issues relevant in rehabilitation
    - Communication Issues in Physical Medicine and Rehabilitation
    - Electronic medical record/electronic health record
    - Medical reconciliation/hand-offs of care
      - Transition of Care/Medication Reconciliation
- Basic Science Concepts
  - Neurological recovery and regeneration
    - Central
      - Natural Recovery and Regeneration of the Central Nervous System
    - Peripheral
      - Peripheral neurological recovery and regeneration
  - Models of learning and behavioral modification in rehabilitation