

UW Medicine

UW SCHOOL
OF MEDICINE

29th Annual Review Course in

Physical Medicine and Rehabilitation

March 25-31, 2012

Hotel Deca Seattle

4507 Brooklyn Ave NE

Seattle, WA 98105



Sponsored by the University of Washington School of Medicine
Department of Rehabilitation Medicine • Office of Continuing Medical Education

Physical Medicine and Rehabilitation

March 25-31, 2012

WHO SHOULD ATTEND

Senior residents and recent graduates in PM&R preparing for Board certification or other physicians preparing for re-certification within the specialty of Physical Medicine and Rehabilitation, or any health care professional seeking to update their knowledge of PM&R.

COURSE DESCRIPTION

This course is designed as a comprehensive review for physicians preparing for ABPM&R Part 1 or 2 Board Certification or re-certification examinations. The curriculum is divided into modules chaired by expert faculty. Teaching methodology is primarily via lectures, with interactive waveform analysis for EMG review and the opportunity to participate in Mock Oral Examinations.

COURSE OBJECTIVES

Upon completion of this program, attendees should be able to:

- Demonstrate proficiency in the anatomic, diagnostic, and management concepts across the entire spectrum of Physical Medicine and Rehabilitation
- Describe new developments in the field of physical medicine and rehabilitation
- Take Part 1 and Part 2 of the American Board of Physical Medicine and Rehabilitation Certification Examination OR be prepared to take Board re-certification

ACCREDITATION

The University of Washington School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Washington School of Medicine designates this live activity for a maximum of 47.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CANCELLATION POLICY

The Office of Continuing Medical Education must receive written notification of your cancellation by March 15, 2012. A \$50.00 processing fee will be deducted from refund requests received by this date. No refunds will be issued following March 15, 2012. The Office of Continuing Medical Education reserves the right to cancel this course twenty (20) days prior to the course date when a minimum enrollment is not met or for other reasons that prevent the University from holding the course. Each registrant will be notified by telephone followed by written notification and a full refund. The University of Washington is not responsible for any other costs incurred such as non-refundable airline tickets or hotel penalties. Contact CME Registrar with questions. Call (206) 543-1050, fax (206) 221-4525 or email cme@uw.edu.

ATTENDANCE POLICY

Course activities are exclusively reserved for course attendees. Badges provided at registration are required for entrance into all functions and will be strictly enforced.

FEES AND REGISTRATION

The fee for this course includes catering, all instruction materials and transcript of Category 1 credit. To ensure enrollment, please complete the enclosed registration form and forward it with the appropriate tuition. Allow up to fifteen working days to receive your email confirmation of enrollment. If you have not received confirmation prior to your departure for the course, please contact the Continuing Medical Education office at 206-543-1050. Continuing Medical Education will not be responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the course.

	FULL COURSE		PER DAY
	before 3/1	after 3/1	4 days or less
MD/DO/PhD	\$945.00	\$1045.00	\$210.00
Resident/ Fellow/ Allied Health	\$795.00	\$895.00	\$210.00
UW Resident	\$150.00	\$250.00	n/a

CONFERENCE SYLLABUS IS GOING GREEN

Handout materials for the conference will be provided online (for registrants only) at: <http://rehab.washington.edu/pmrreview.asp>
Materials will be available to print or view from March 19, 2012 to September 7, 2012. The password for the handout website will be sent with your confirmation email. A booklet with the conference agenda and pages for note-taking will be provided at the conference.

SPECIAL SERVICES

Continuing Medical Education at the University of Washington is a totally self-sustaining unit and does not depend on or receive public monies in support of its educational efforts. Fees for this course are estimated to cover the costs of conducting this course. These costs include salaries, registration and credit, handouts, record keeping, faculty planning and evaluation and may include food, alcohol, taxes and gratuities to vendors.

The University of Washington reaffirms its policy of equal opportunity regardless of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or status as a disabled veteran or Vietnam era veteran in accordance with University policy and applicable federal and state statutes and regulations. The University of Washington is committed to providing access and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation in the application process contact the department at: 206-543-1050 or the Disability Services Office at least ten days in advance.

Contact Disability Services Office

Voice: 206-543-6450
TTY: 206-543-6452
Fax: 206-685-7264
e-mail: dso@uw.edu

COURSE CO-CHAIRS

Thomas McNalley, MD
Assistant Professor
Rehabilitation Medicine

Karen Barr, MD
Associate Professor
Rehabilitation Medicine

GUEST FACULTY

David Hanscom, MD
Swedish Neuroscience Specialists
Seattle, WA

Heikki Uustal, MD
Clinical Assistant Professor
Physical Medicine and Rehabilitation
Director of Prosthetics and Orthotics
JFK Johnson Rehabilitation Institute
Edison, NJ

HOTEL ACCOMMODATIONS

\$139.00

Deluxe room
(tax excluded)

The University of Washington has contracted for special rates at the conference hotel.

You must mention the "*University of Washington, Rehabilitation Medicine Course*" to receive this rate. The rate quoted does not include applicable taxes. Please make your reservation early. **After March 12, 2012**, this rate and accommodations may no longer be available. The University of Washington accepts no further responsibility for lodging.

Hotel Deca
4507 Brooklyn Avenue NE
Seattle, WA 98105

800-899-0251

206-634-2000

email: reservations@hoteldeca.com

www.hoteldeca.com

Faculty

Daniel Abrahamson, CPO, LPO
Lecturer
Rehabilitation Medicine

Majeed Al-Mateen, MD
Clinical Associate Professor
Department of Neurology
Attending Neurologist
Seattle Children's Hospital

Kathleen R. Bell, MD
Professor
Rehabilitation Medicine

Sandee Bristow, MD
Acting Assistant Professor
Rehabilitation Medicine &
Anesthesiology & Pain Medicine

Edward Clafin, MD
Acting Assistant Professor
Rehabilitation Medicine

Wendy Cohen, MD
Professor
Neuroradiology

Leah Concannon, MD
Clinical Assistant Professor
Rehabilitation Medicine

Deborah Crane, MD
Acting Assistant Professor
Rehabilitation Medicine

Claire Creutzfeldt, MD
Acting Assistant Professor
Neurology

Jennifer Devine, MD
Acting Instructor/Senior Fellow
Rehabilitation Medicine

Jane Distad, MD
Associate Professor
Neurology

Peter Esselman, MD
Professor and Chair
Rehabilitation Medicine

Jesse Fann, MD
Associate Professor
Psychiatry & Behavioral Sciences

Alfred Gellhorn, MD
Clinical Assistant Professor
Rehabilitation Medicine

Barry Goldstein, MD, PhD
Professor
Rehabilitation Medicine

Kevin Hakimi, MD
Assistant Professor
Rehabilitation Medicine

Mark Harrast, MD
Clinical Associate Professor
Rehabilitation Medicine

Ileana Howard, MD
Clinical Assistant Professor
Rehabilitation Medicine

Catherine Q. Howe, MD, PhD
Acting Assistant Professor
Psychiatry & Behavioral
Sciences

Grant Hughes, MD
Assistant Professor
Rheumatology

Mark Jensen, PhD
Professor
Rehabilitation Medicine

Shana Johnson, MD
Assistant Professor
Rehabilitation Medicine

George Kraft, MD, MS
Professor
Rehabilitation Medicine

Heather Kroll, MD
Clinical Assistant Professor
Rehabilitation Medicine

Lisa McPeak, MD
Clinical Associate Professor
Rehabilitation Medicine

David Morgenroth, MD
Acting Assistant Professor
Rehabilitation Medicine

Mary Pepping, PhD, ABPP-CN
Professor
Rehabilitation Medicine

Janet Powell, PhD, OTR/L
Associate Professor
Rehabilitation Medicine

Katerina Radkevich, MD
Senior Fellow
Rehabilitation Medicine

Ashwin Rao, MD
Clinical Assistant Professor
Family Medicine

Maria R. Reyes, MD
Assistant Professor
Rehabilitation Medicine

James Robinson, MD, PhD
Clinical Professor
Rehabilitation Medicine

Arthur Rodriguez, MD
Associate Professor Emeritus
Rehabilitation Medicine

Irakli Soulakvelidze, MD
Assistant Professor
Anesthesiology & Pain Medicine

Chris Standaert, MD
Clinical Associate Professor
Rehabilitation Medicine

Steven Stiens, MD
Associate Professor
Rehabilitation Medicine

Alison Stout, DO
Acting Assistant Professor
Rehabilitation Medicine

Jelena Svircev, MD
Clinical Assistant Professor
Rehabilitation Medicine

Stephanie Van Hoff, DPT
Physical Therapist
Department of Veterans Affairs

Karen Wooten, MD
Clinical Assistant Professor
Rehabilitation Medicine

Annette Wundes, MD
Assistant Professor
Neurology

Jennifer Zumsteg, MD
Senior Fellow/Acting Instructor
Rehabilitation Medicine

Sunday, March 25, 2012

7:15 Registration and Coffee

8:00 Welcome and Introduction

Musculoskeletal

Module Chair: Leah Concannon, MD

8:05 Cervical and Thoracic Spine
Alison Stout, DO

9:05 Lumbar Spine
Chris Standaert, MD

10:05 Break

10:20 Review of Upper Extremity
Barry Goldstein, MD, PhD

11:05 Review of Upper Extremity - continued
Alfred Gellhorn, MD

12:05 Lunch (on your own)

1:05 Rheumatology
Grant Hughes, MD

2:05 Review of Lower Extremity - Hip and Knee
Ashwin Rao, MD

3:05 Break

3:20 Review of Lower Extremity - Foot and Ankle
Mark Harrast, MD

4:05 Adjourn

Monday, March 26, 2012

7:30 Coffee and Sign In

Amputee Gait and Orthotics

Module Chair: Edward Clafin, MD

8:00 Normal and Pathologic Gait
Heikki Uustal, MD

9:00 Lower Extremity Orthotics
Heikki Uustal, MD

10:00 Break

10:15 Upper Extremity Orthotics
Heikki Uustal, MD

11:15 Spinal Orthotics
Deborah Crane, MD

12:00 Lunch (on your own)

Amputee Rehabilitation and Prosthetics

Module Chair: David Morgenroth, MD

1:00 Rehabilitation Approach to Lower Extremity Amputees
Kevin Hakimi, MD

1:45 Transtibial Prosthetic Components
Daniel Abrahamson, CPO, LPO

2:30 Break

2:45 Transfemoral Prosthetic Components
Daniel Abrahamson, CPO, LPO

3:30 Prosthetic Alignment and Transtibial Amputee Gait
David Morgenroth, MD

4:15 Upper Extremity Amputee Rehabilitation and Prosthetics
Heikki Uustal, MD

5:15 Adjourn

Tuesday, March 27, 2012

7:30 Coffee and Sign In

EMG and Neuromuscular Disease

Module Chair: Karen Barr, MD

8:00 Principles of EMG
George Kraft, MD, MS

8:50 Review of Radiculopathy
Kevin Hakimi, MD

9:40 Break

10:00 Entrapments and Traumatic Neuropathies
Arthur Rodriquez, MD

10:50 Polyperipheral Neuropathies
Karen Barr, MD

11:40 Lunch (on your own)

1:00 Motor Neuron Disease
Jane Distad, MD

1:50 Neuromuscular Junction Testing
Kevin Hakimi, MD

2:40 Break

3:00 Myopathies
Arthur Rodriquez, MD

3:50 Wave Form Review
Arthur Rodriquez, MD and Kevin Hakimi, MD

4:15 Break

Test Prep/Mock Orals

Module Chair: Karen Wooten, MD

4:30 Study Strategies
Karen Wooten, MD

5:00 Mock Orals
Course Faculty

6:00 Adjourn

Wednesday, March 28, 2012

7:30 Coffee and Sign In

Pain

Module Chair: Jim Robinson, MD, PhD

8:00 Introduction/ Models of Chronic Pain
Jim Robinson, MD, PhD

8:30 Surgical Decision-Making in Low Back Pain
David Hanscom, MD

8:55 Opioids
Jim Robinson, MD, PhD

9:15 Introduction to Interventional Pain Management
Jim Robinson, MD, PhD

9:25 Interventional Pain Management
Sandee Bristow, MD

9:55 Break

10:10 Exercise Therapy in Chronic Pain
Heather Kroll, MD

10:30 Psychological Treatments
Mark Jensen, PhD

10:55 Complex Regional Pain Syndrome
Irakli Soulakvelidze, MD

11:20 Psychotropic Medications
Catherine Howe, MD, PhD

11:45 Lunch (on your own)

Cardiopulmonary/Burns/Cancer

Module Chair: Kevin Hakimi, MD

1:00 Burn Rehabilitation
Peter Esselman, MD

1:55 Cardiac Rehabilitation
Kevin Hakimi, MD

2:45 Break

3:00 Cancer Rehabilitation
Karen Barr, MD

Pediatrics, Section 1

Module Chair: Thomas McNalley, MD

4:00 Muscular Dystrophy
Majeed Al-Mateen, MD

5:00 Adjourn

Thursday, March 29, 2012

7:30 Coffee and Sign In

Pediatrics, Section 2

Module Chair: Thomas McNalley, MD

8:00 Cerebral Palsy
Thomas McNalley, MD

9:00 Myelodysplasia
Thomas McNalley, MD

10:00 Break

Spinal Cord Injury

Module Chair: Jelena Svircev, MD and Deborah Crane, MD

10:15 SCI Epidemiology and International Standards for Classification
Katerina Radkevich, MD

11:15 Acute Treatment of SCI
Jelena Svircev, MD

11:45 Wheelchair Basics
Stephanie Van Hoff, DPT

12:30 Lunch (on your own)

1:30 Medical Complications of Acute SCI
Jelena Svircev, MD

2:15 Medical Complications in Chronic SCI
Maria R. Reyes, MD

3:15 Break

3:30 Outcomes and Chronic Neurological Complications of SCI
Deborah Crane, MD

4:15 Urologic Management in SCI
Jelena Svircev, MD

4:45 The GI Tract after SCI
Steven Stiens, MD

5:15 Adjourn

Friday, March 30, 2012

7:30 **Coffee and Sign In**

Traumatic Brain Injury and Multiple Sclerosis

Module Chair: Kathy Bell, MD

8:00 Epidemiology and Acute Management of Traumatic Brain Injury
Jennifer Devine, MD

8:30 Radiographic Evaluation of the Brain
Wendy Cohen, MD

9:45 **Break**

10:00 Medical Complications of Traumatic Brain Injury
Jennifer Zumsteg, MD

11:00 Mild Traumatic Brain Injury
Kathleen Bell, MD

11:45 **Lunch (on your own)**

1:00 Neuropharmacology of Traumatic Brain Injury
Jesse Fann, MD

1:45 Neuropsychological Examination and Cognitive Rehabilitation
Mary Pepping, PhD, ABPP-CN

2:45 **Break**

3:00 Introduction to MS
George Kraft, MD, MS

3:10 Multiple Sclerosis - Update on Disease Modification
Annette Wundes, MD

3:45 Rehabilitation Principles in Multiple Sclerosis
Shana Johnson, MD

4:40 Panel: Future of MS and Rehabilitation and Q & A
George Kraft, MD, MS, Annette Wundes, MD and Shana Johnson, MD

5:00 **Adjourn**

Saturday, March 31, 2012

7:30 **Coffee and Sign In**

Stroke

Module Chair: Ileana Howard, MD

8:00 Acute Evaluation and Management of Stroke, Secondary Stroke Prevention
Claire Creutzfeldt, MD

9:00 Medical Complications and Prognosis Following Stroke
Ileana, Howard, MD

10:00 **Break**

10:15 Neurorehabilitation: Principles and Practice
Lisa McPeak, MD

11:00 Emerging Therapy Interventions for Motor Impairments After Stroke
Janet Powell, PhD, OTR/L

12:00 **Adjourn**

PHYSICAL MEDICINE and REHABILITATION

March 25-31, 2012

MJ1212

COURSE FEES

	FULL COURSE		PER DAY
	before 3/1	after 3/1	4 days or less
MD/DO/PhD	\$945.00	\$1045.00	\$210.00
Resident* / Fellow/ Allied Health	\$795.00	\$895.00	\$210.00
UW Resident*	\$150.00	\$250.00	n/a

REGISTRATION

NAME	First	MI	Last
CONTACT	Professional Title <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> PhD <input type="checkbox"/> ARNP <input type="checkbox"/> RN <input type="checkbox"/> PA <input type="checkbox"/> Other:		
	Street		
	City	State	Zip
	Phone () - Email		

PER-DAY OPTION
Please Indicate Dates Attending

3/25 3/26 3/27 3/28

3/29 3/30 3/31

RETURN COMPLETED REGISTRATIONS

By Mail
UWCME
Box 359441
Seattle, WA 98195-9441

By Fax (206) 221-4525

Call (206) 543-1050
with questions.

Register online at
www.uwcme.org

PAYMENT *Residency Program, if applicable

<input type="checkbox"/> Check (payable to University of Washington) for \$ _____	
<input type="checkbox"/> Credit Card charge \$ _____	
<input type="checkbox"/> Visa <input type="checkbox"/> MC <input type="checkbox"/> Discover	Card #
Signature	Exp Date
<input type="checkbox"/> UW Budget	PROJ _____ OPT _____ TASK _____
Budget #	Budget Name
	Box #