Air Travel: Iowa City is served by Allegiant, American Airlines, Delta, Frontier Airlines, and United Airlines through the Eastern Iowa Airport (Cedar Rapids) which is 30 minutes from Iowa City. The phone number of the Eastern Iowa Airport is (319) 362-8336. Commercial limousine or taxi service is available from the airport to Iowa City. Airport shuttles may be reserved from Cedar Rapids to Iowa City upon arrival at the Eastern Iowa Airport, or you may reserve a shuttle to Iowa City in advance by calling (800) 383-2219 or (800) 725-8460. The Iowa City Municipal Airport is available for use by private aircraft.

The University of Iowa prohibits discrimination in employment, educational programs, and activities on the basis of race, national origin, color, creed, religion, sex, age, disability, ethnic status, sexual orientation, gender identity, or associational preference. The University also affirms its commitment to providing equal opportunities and equal access to University facilities. For additional information contact the Office of Equal Opportunity and Diversity, (319) 335-0705. Individuals with disabilities are encouraged to attend University of Iowa sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact the Continuing Medical Education Division in advance at (319) 335-8460.

Program Faculty

Guest Faculty

Michael Hanna, MD, FRCP, ECFMG
Professor in Clinical Neurology
Department of Molecular Neuroscience
UCL Institute of Neurology
Director, UCL MRC Centre for Neuromuscular Disease
Queen Square, University College, London

Debra Schwinn, MD
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Department of Neurology
Professor: Department of Molecular & Biophysics
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Department of Neurology
University of Pennsylvania
Philadelphia, PA

University of Iowa Carver College of Medicine

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Professor: Co-Director, Neuromuscular Medicine Division
Director, Charcot-Marie-Tooth Program
Co-Director MDA Clinic
Departments of Neurology and Pediatrics
President of the Peripheral Nerve Society

Andrea Swensson, MD
Assistant Professor
Neuromuscular Medicine Division
Department of Neurology

The Distinguished Jun Kimura, MD
Emeritus Professor
Former Director EMG Laboratory
Department of Neurology

Professor, Neuromuscular Medicine Division
Department of Neurology

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Director of Clinical Trials
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University of Iowa Hospitals and Clinics

Sponsored by: The University of Iowa Roy J. and Lucille A. Carver College of Medicine, Department of Neurology

November 25-26, 2013
(Monday-Tuesday)

Purpose: Genetic Diseases of nerve and muscle affect hundreds of thousands of Americans and are largely untreatable by medications that would slow progression. However, translational scientists forming the faculty of this meeting are in the forefront of developing therapies for these devastating illnesses. Therapies that these investigators are developing will become standards worldwide over the next decade for diseases of nerve and muscle.

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Fall Symposium:

November 25-26, 2013
(Monday-Tuesday)

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November 25-26, 2013
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- Discuss the clinical presentation and management of genetic diseases of nerve and muscle.

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Housing: A limited number of rooms have been reserved at the Sheraton Iowa City Hotel. Parking: Parking is available in Ramp 3 adjacent to the University of Iowa Hospitals and Clinics at a cost of $18 per day.

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<tr>
<th>Information</th>
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<tr>
<td>Registration Fees</td>
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Please charge registration and tuition fees to my:

- [ ] VISA  [ ] MasterCard

Cardholder name (please print):

Account Number: ____________________________
Expiration Date: ________________ 3-digit security code on back  __________
Signature: ________________________________________________________________

I enclose a check made payable to

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Four ways to Register

- [ ] University of Iowa Carver College of Medicine  (319) 335-8599
- [ ] Continuing Medical Education Division
- [ ] 106 Medicine Administration Building, Iowa City, Iowa 52242-1101
- [ ] FAX registration to: (319) 335-8327
- [ ] Online: www.medicine.uiowa.edu/cme
and click on Upcoming Conferences

For additional information on this program and other upcoming CME events at the UI Carver College of Medicine, please visit http://www.medicine.uiowa.edu/cme

The University of Iowa requests this information in order to process your registration. No persons outside of The University of Iowa are routinely provided this information.

Program Agenda

SUNDAY, NOVEMBER 24, 2013
7:00 PM  Welcome reception for all registered guests
9:00 PM  Dinner at the Sheraton Iowa City Hotel

MONDAY, NOVEMBER 25, 2013
Medical Alumni Auditorium, 4th Floor General Hospital (Elevator B: Compass East)
7:30 AM  Registration and Breakfast
8:45  Welcoming remarks
9:00  How do Connexin Mutations cause Gial Diseases?  Steven Scherer, MD, PhD
10:00  Adding More Muscle and Nerve to Clinical Trials  Laurie Gutmann, MD
11:15  Where the Rubber Meets the Road: Congenital Myasthenic Syndromes – Seth Perlman, MD
12:00 PM  Lunch
1:30  Novel Enzymes Required for Dystroglycan function as an Extracellular Matrix Receptor – Kevin Campbell, PhD
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4:30  Update on ALS Clinical Trials  Andrea Swenson, MD
6:00 PM  Cocktail Hour*
7:00 PM  Dinner*  Must have RSVP’d and Paid at time of registration

TUESDAY, NOVEMBER 26, 2013
Damasio Conference Room 5724  7th Floor General Hospital (Elevator C)
8:00 AM  Breakfast
9:00  Diagnosis and Approaches for Inherited Neuropathies  Michael Shy, MD
10:00  Muscle Biopsy Evaluation in the Diagnosis of Inherited Myopathies – Steven Moore, MD, PhD
10:45  Break
11:00  F Wave as a Measure of Spinal Motoneuron Excitability  Jun Kimura, MD
11:45  Channelopathies in Muscle Disease: Presentation and Pathogenesis – Michael Hanna, MD, FRCP, ECFMG
12:45 PM  Closing Remarks  George Richerson, MD, PhD
1:00  Lunch and Departures
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University of Iowa Carver College of Medicine

Department of Neurology

November 25-26, 2013
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University of Iowa Hospitals and Clinics

Monday: Medical Alumni Auditorium, 4th Floor General Hospital (Elevator B; Compass East)
Lunch: MERF Atrium
Dinner: McCord Lounge - Kinnick Stadium

Tuesday: Dasario Conference Room 5724 - 7th Floor General Hospital (Elevator C)
Sponsored by: The University of Iowa Roy J. and Lucille A. Carver College of Medicine, Department of Neurology

Air Travel: Iowa City is served by Allegiant, American Airlines, Delta, Frontier Airlines, and United Airlines through the Eastern Iowa Airport (Cedar Rapids) which is 30 minutes from Iowa City. The phone number of the Eastern Iowa Airport is (319) 362-8336. Commercial limousine or taxi service is available from the airport to Iowa City. Airport shuttles may be reserved from Cedar Rapids to Iowa City upon arrival at the Eastern Iowa Airport, or you may reserve a shuttle to Iowa City in advance by calling (800) 383-2219 or (800) 725-8460. The Iowa City Municipal Airport is available for use by private aircraft.
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While registration to the symposium is free we encourage early registration to enable us to provide the best possible service to participants.

Special Events: Sunday, November 24: Welcome Reception 7:00 – 9:00 PM at the Share Wine Lounge & Small Plate Bistro at the Sheraton Iowa City Hotel.

Credit: The University of Iowa Roy J. and Lucille A. Carver College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

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Housing: A limited number of rooms have been reserved at the Sheraton Iowa City Hotel, Iowa City, IA 52242 (Downtown Iowa City). Room rates are $99.00 excluding taxes. Registrants are responsible for making their own housing arrangements and may do so by contacting the hotel reservation office at (319) 337-4058. When making hotel room reservations, be sure to state you are attending the “Neurology – Neuromuscular Symposium” in order to receive the special conference room rates.

Parking: Parking is available in Ramp 3 adjacent to the University of Iowa Hospitals and Clinics at a cost of $18 per day.

Registration

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For Office Use Only

COM PN: 13-329-01
AMA PRA Category 1 Credits™ CEUs Date

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Account Number: ____________________________ Expiration Date: ________________ 3-digit security code on back  __________

Signature: ________________________________

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100 Medicine Administration Building
Iowa City, Iowa 52242-1101

FAX registration to:

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<td>7:00 PM</td>
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<tr>
<td>9:00 PM</td>
<td>Share Wine Lounge &amp; Small Plate Bistro 210 South Dubuque St, Downtown Iowa City 319-335-4404</td>
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MONDAY, NOVEMBER 25, 2013

Medical Alumni Auditorium, 4th Floor General Hospital (Elevator B; Compass East)

<table>
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<td>9:00 AM</td>
<td>How do Connexin Mutations cause Glial Diseases?</td>
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<td>1:30 PM</td>
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<td>2:30 PM</td>
<td>A Penny’s Worth</td>
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<td>3:15 PM</td>
<td>Break</td>
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<td>3:45 PM</td>
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TUESDAY, NOVEMBER 26, 2013

Dawson Conference Room 5704 7th Floor General Hospital (Elevator C)

<table>
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<tr>
<td>8:00 AM</td>
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<td>Muscle Biopsy Evaluation In the Diagnosis of Inherited Myopathies – Steven Moore, MD, PhD</td>
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9:00 PM – Share Wine Lounge & Small Plate Bistro
210 South Dubuque St, Downtown Iowa City
319-354-4640

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Dean Schwinn (introduced by Dr. Richerson)
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6:00 PM – Cocktail Hour*
7:00 PM – Dinner*
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George Richerson, MD, PhD
1:00 PM – Lunch and Departures
Air Travel: Iowa City is served by Allegiant, American Airlines, Delta, Frontier Airlines, and United Airlines through the Eastern Iowa Airport (Cedar Rapids) which is 30 minutes from Iowa City. The phone number of the Eastern Iowa Airport is (319) 362-8336. Commercial limousine or taxi service is available from the airport to Iowa City. Airport shuttles may be reserved from Cedar Rapids to Iowa City upon arrival at the Eastern Iowa Airport, or you may reserve a shuttle to Iowa City in advance by calling (800) 383-2219 or (800) 725-8460. The Iowa City Municipal Airport is available for use by private aircraft.

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Individuals with disabilities are encouraged to attend all University of Iowa sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact the Continuing Medical Education Division in advance at (319) 335-8234.

Program Faculty

Guest Faculty

- Michael Hanna, MD, FRCP, ECFMG
  Professor in Clinical Neurology
  Department of Molecular Neurosciences
  UCL Institute of Neurology
  Director, UCL MRC Centre for Neuromuscular Disease
  Queen Square, University College, London

- Steven Scherer, MD, PhD
  Professor of Neurology
  Chief Neuromuscular Division, Perelman School of Medicine
  Department of Neurology
  University of Pennsylvania
  Philadelphia, PA

University of Iowa Carver College of Medicine

- Debra Schwind, MD
  Dean, Roy J. and Lucille A. Carver College of Medicine
  Professor of Anesthesiology, Pharmacology & Biochemistry
  George Richardson, MD, PhD
  Professor; Chairman and Department Executive Officer
  Department of Neurology
  Professor: Department of Molecular & Biophysics
  The Roy J. Carver Chair in Neuroscience

- Kevin Campbell, PhD
  Professor and Chairman
  Department of Molecular Physiology & Biophysics
  Investigator, Howard Hughes Medical Institute
  Professor, Departments of Internal Medicine, Neurology, Principal Investigator, Wellstone Center for Muscular Dystrophy

- Katherine Mathews, MD
  Professor and Director, Division of Pediatric Neurology
  Department of Pediatrics
  Co-Director of Neuromuscular Medicine Division
  Investigator, Wellstone Center for Muscular Dystrophies

- Steven Moore, MD, PhD
  Professor
  Division of Neurology
  Department of Pathology
  Co-Principal Investigator, Wellstone Center for Muscular Dystrophies

- Michael Shy, MD
  Professor, Co-Director, Neuromuscular Medicine Division
  Director, Charcot-Marie-Tooth Program
  Co-Director MDA Clinic
  Departments of Neurology and Pediatrics
  Assistant to the Peripheral Nerve Society

- Andrea Swenson, MD
  Assistant Professor
  Neuromuscular Medicine Division
  Department of Neurology
  The Distinguished Jim Kliman, MD
  Emeritus Professor
  Former Director, NEURO Laboratory
  Department of Neurology
  President, International Federation of Clinical Neurophysiology (IFCN) and the World Federation of Neurology (WFN)

- Laurie Gutmann, MD
  Professor, Neuromuscular Medicine Division
  Director of Clinical Trials
  Department of Neurology

- Lud Gutmann, MD
  Professor, Neuromuscular Medicine Division
  Department of Neurology
  Former Chairman of Neurology at West Virginia University

- Seth Perlman, MD
  Assistant Professor, Division of Neuromuscular Medicine
  Department of Neurology

- Andrea Swenson, MD
  Assistant Professor
  Division of Pediatric Neurology
  Department of Pediatrics

- Michael Hanna, MD, FRCP, ECFMG
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  University of Pennsylvania
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University of Iowa Hospitals and Clinics

- November 25-26, 2013 (Monday-Tuesday)

- Purpose: Genetic Diseases of nerve and muscle affect hundreds of thousands of Americans and are largely untreatable by medications that would slow progression. However translational scientists forming the faculty of this meeting are in the forefront of developing therapies for these devastating illnesses. Therapies that these investigators are developing will become standards worldwide over the next decade for these devastating illnesses. Therapies that these investigators are developing will become standards worldwide over the next decade for diseases of nerve and muscle.

- Intended Audience: Neurologists, Physicians, Residents (current and former), Fellows and Medical Students.

- University of Iowa Hospitals and Clinics

- Monday: Medical Alumni Auditorium, 4th Floor General Hospital (Elevator B; Compass East)
  Lunch: MERR Atrium
  Dinner: McCord Lounge - Kinnick Stadium
  Tuesday: Danawell Conference Room S724 - 7th Floor General Hospital (Elevator C)

- Sponsored by: The University of Iowa Roy J. and Lucille A. Carver College of Medicine, Department of Neurology