IMAGING SEMINAR

28th Annual

During Vermont Fall Foliage

September 19-21, 2014

University of Vermont College of Medicine

NEW VENUE

The Essex Junction, Vermont
Course Description
The 2014 Fall Imaging Seminar will take place at The Essex in Essex, Vermont. Nationally recognized guest faculty and members of the University of Vermont Department of Radiology will review current topics and trends in imaging with a focus in Musculoskeletal MRI and Neuroradiology. We will also be reviewing selected topics in Breast, Cardiac and Abdominal Imaging as well as Advanced MRI sequences.

Course Objectives
This program has been designed with the practicing radiologist in mind, with an emphasis on clinical applicability. Following this course, participants should be more aware of the current MRI techniques: imaging of the knee, hip and wrist; advanced MRI neuroimaging of the brain; sports-related spine injuries as well as MRI artifacts and their mitigation. Selected topics in cardiac, renal, hepatic and breast imaging will also be discussed.

Tuition
All course materials, breakfasts and coffee breaks are included in the tuition, as listed on the registration panel. Refunds, less a $75.00 administrative fee, are available if cancellation is made prior to September 9, 2014. No refunds are possible after that date.

Flash Drive/Printed Syllabus/Dropbox*
Please indicate on the registration panel if you wish to receive the presentations in a printed syllabus, sent by Dropbox, or on a flash drive. If you choose the flash drive or Dropbox version, you will be required to bring your laptop. Extra printed syllabus books will not be available. For an additional $15, you may receive both a binder and either a flash drive or files sent by Dropbox.

*NOTE: Participants are encouraged to choose the flash drive or Dropbox version of the conference syllabus as radiology slides do not reproduce well in the printed version (six slides per page).

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

The University of Vermont designates this live activity for a maximum of 15 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Application will be made for ASRT approval.

Course # 15-801-19
COURSE DIRECTOR

Grant J. Linnell, DO, RCPSC
Associate Professor of Radiology
University of Vermont College of Medicine
Division Chief of Neuroradiology
Fellowship Director of Neuroradiology
Fletcher Allen Health Care

GUEST FACULTY

Douglas W. Goodwin, MD
Associate Professor of Radiology and Orthopedic Surgery
Geisel School of Medicine at Dartmouth
Lebanon, New Hampshire

Brian R. Herts, MD
Professor of Radiology
Section Head of Abdominal Imaging
Department of Diagnostic Radiology
Lerner College of Medicine at Case Western Reserve University
Cleveland, Ohio

Jeffrey A. Stone, MD, FACS
Associate Professor of Radiology and Pain Medicine
Mayo Clinic Florida
Jacksonville, Florida

UNIVERSITY OF VERMONT FLETCHER ALLEN HEALTH CARE FACULTY

Trevor J. Andrews, PhD
Adjunct Assistant Professor of Radiology

Curtis E. Green, MD
Professor of Radiology and Medicine
Division of Thoracic Radiology

Sally D. Herschorn, MD
Associate Professor of Radiology
Director of Breast Imaging Division

Benjamin B. Lange, MD
Vascular and Interventional Radiology Fellow
Clinical Instructor in Radiology

Diego F. Lemos, MD
Assistant Professor of Radiology
Section Head of Musculoskeletal Imaging

Erin McQuaide Tsai, MD
Assistant Professor of Radiology

Joshua P. Nickerson, MD
Assistant Professor of Neuroradiology

Richard Watts, DPhil
Associate Professor of Physics in Radiology
Co-Director of UVM MRI Center for Biomedical Imaging
Friday, September 19

12:00 pm  REGISTRATION AND EXHIBITS

12:30 pm  Cardiac Abnormalities Encountered on Routine Chest CT  
          Curtis Green, MD

1:15  MR Artifacts That You Probably Never Learned  
      Trevor Andrews, PhD

2:00  Functional Brain MRI: Adventures in Blobology  
      Joshua Nickerson, MD

2:45  Questions and Answers

3:00  BREAK AND EXHIBITS

3:20  LI-RADS: How It Works and Why We Should Use It  
      Benjamin Lange, MD

4:05  MRI of Hand and Wrist Injuries  
      Douglas Goodwin, MD

4:50  Renal Masses That Are Not RCC  
      Brian Herts, MD

5:35  Questions and Answers

5:50  ADJOURN

6:00  WELCOME RECEPTION

Saturday, September 20

7:30 am  CONTINENTAL BREAKFAST AND EXHIBITS

8:00  MRI of Meniscal Tears with Emphasis on the Collagen Architecture of the Meniscus on the Knee  
      Douglas Goodwin, MD

8:45  MRI of Glenoid Labral Tears with Emphasis on the Collagen Architecture of the Labrum in the Shoulder  
      Diego Lemos, MD

9:30  MRI of Acetabular Labral Tears with Emphasis on the Collagen Architecture of the Labrum in the Hip  
      Diego Lemos, MD
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15</td>
<td>Questions and Answers</td>
</tr>
<tr>
<td>10:30</td>
<td>BREAK AND EXHIBITS</td>
</tr>
</tbody>
</table>
| 10:50  | Athletic Spine Injuries: Biomechanics, Imaging, Prevention and Treatment  
Jeffrey Stone, MD  |
| 11:35  | Optimized MR Imaging of Cartilage                                     
Douglas Goodwin, MD  |
| 12:20 pm | More Than the Eye Can See: Imaging of the Globe and Orbit             
Jeffrey Stone, MD  |
| 1:05   | Questions and Answers                                                |
| 1:20   | ADJOURN                                                               |

**Sunday, September 21**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am</td>
<td>CONTINENTAL BREAKFAST AND EXHIBITS</td>
</tr>
</tbody>
</table>
| 8:00   | Radiology Reports: Who Are They For?                                  
Brian Herts, MD  |
| 8:45   | A Gentle Introduction to Diffusion MRI: Not Just Neuro                
Richard Watts, DPhil  |
| 9:30   | Imaging of Myelopathy                                                 
Jeffrey Stone, MD  |
| 10:15  | Questions and Answers                                                |
| 10:30  | BREAK AND EXHIBITS                                                   |
| 10:50  | The Incidental Small Renal Mass                                       
Brian Herts, MD  |
| 11:35  | 2D/3D Breast Mammography: Breast Tomography                           
Erin McQuaide Tsai, MD  |
| 12:20 pm | Current Controversies in Screening Mammography                       
Sally Herschorn, MD  |
| 1:05   | Questions and Answers                                                |
| 1:20   | CONFERENCE ADJOURNS                                                  |
Leisure Time

Fall Foliage: Fall Foliage Season is a very popular time to visit Vermont. Color change usually begins in mid-September and runs through the first two to three weeks in October; an international attraction where hotels are routinely sold out. This course is designed so that participants are free on Saturday afternoon to enjoy the spectacular Vermont scenery and other area tourist attractions.

The Essex offers a wealth of activities on the property including a heated outdoor pool, indoor pool, fitness center, tennis, fly fishing, ropes course, hot air balloon rides (weather permitting), as well as an 18-hole championship golf course, outlet shopping and cinema next door. A beautiful walking and biking path is accessible from the property. You may want to take advantage of the unique culinary offerings in the exclusive hands-on kitchen “Cook Academy.” Programs range from hands-on cooking classes to culinary demos.

Burlington, just minutes away is ideally situated on the shores of Lake Champlain and offers great shopping and excellent restaurants. Echo at the Leahy Center for Lake Champlain provides fun learning activities for children on the ecology, history and culture of Lake Champlain. Historic Shelburne Farms and the Shelburne Museum, an eclectic collection of Americana, are a 30-minute drive from The Essex. Within an hour’s drive are the Ben & Jerry’s Ice Cream Factory and the UVM Morgan Horse Farm.

Special Events

Welcome Reception: Registrants and their guests are invited to the welcome reception on Friday evening from 6:00 - 7:00 p.m. The Essex is home to Vermont’s Culinary Resort! Join their world class culinary team for an exciting cooking demonstration on Friday evening during the welcome reception. The chef will prepare hors d’oeuvres utilizing local Vermont products. Please indicate on the registration panel the number of people attending.

Hotel Information

The Essex, “Vermont’s Culinary Resort & Spa,” is Burlington area’s only AAA Four Diamond property. The resort, featuring on-site golf, ropes course, pond, and much more, is set on 18 acres of Vermont countryside. The 22,000 square foot, full service spa includes 10 treatment rooms, a 25-yard indoor pool, outdoor hot tub, fitness center, hair and nail salon, and locker rooms with steam rooms, saunas and relaxation areas. A block of rooms has been reserved at The Essex. Please make your reservations directly with the hotel prior to August 29, 2014, (800) 727-4295, and indicate your participation in this course to obtain our discounted rates: $199 single or double occupancy plus Vermont State tax. Room rates cannot be guaranteed after August 29th. Accommodations sell out quickly in this entire region due to the popular foliage season. PLEASE RESERVE EARLY.

Transportation

The Essex is located at 70 Essex Way in Essex Junction, Vermont. Although complimentary shuttle service is available upon request to and from Burlington’s International Airport, you may wish to rent a car to take advantage of the many fine restaurants, shops and attractions in the greater Burlington area.
28th ANNUAL IMAGING SEMINAR
September 19-21, 2014
Online: www.uvm.edu/medicine/cme

Name (As you would like it to appear on Name tag and Certificate)

Degree:  □ MD  □ DO  □ RT  □ Other __________________________

Specialty

Address

City        State        Zip

Phone

Email

Initials        Last 4 Digits of SSN (for CME tracking purposes)

____     ______     ______     ______     ______     ______

Flash Drive/Printed Syllabus/Dropbox*

□ I wish to receive a □ flash drive OR □ Dropbox and will bring my laptop.
□ I wish to receive a syllabus binder with printed handouts.
□ I wish to receive both - a binder and a □ flash drive OR BY □ Dropbox

NOTE: Participants are encouraged to choose the flash drive or Dropbox version as radiology slides do not reproduce well.

Registration Fee:

□ $595 Physicians
□ $225 Residents Proof of residency required.
□ $225 Technologists
Please include your unique ID: (ASRT Member ID, ARRT #, State License # or last 4 digits of SSN)

$100 Discount - Former UVM Residents and Fellows
$15 Optional - Binder and flash drive OR Dropbox
Add $75 if postmarked after September 9

_______Number attending Welcome Reception

_______ Total Due

Payment Method

□ To pay by credit card, please register on-line by visiting our website at www.uvm.edu/medicine/cme and select the "Imaging Seminar."

□ To pay by check, payable to the University of Vermont, please mail your payment along with a completed registration form to the address below:

Mail to:  UVM Continuing Medical Education
128 Lakeside Avenue, Suite 100
Burlington, VT 05401
Phone: (802) 656-2292   Fax: (802) 656-1925