To Register:
Please register online at www.ohsu.edu/som/cme
Please scroll down to event and click the register online link.

For questions relating to registration please contact the OHSU CME office at 503-494-0392 or cme@ohsu.edu

Location:
Collaborative Life Science Building
2730 SW Moody Ave.
Portland, OR 97239

A block of rooms will be available at a discounted rate at the Residence Inn Downtown/Riverplace Marriott

Course Directors:
Charles Thomas Jr., MD

Course Co-Directors:
Mohamed Khan, MD, PhD
Ramesh Rengan, MD, PhD

Course Coordinator:
Bridgett Sparkman
Executive Specialist
503-494-1998
sparkmab@ohsu.edu

Target Audience
Radiation Oncology Physicians, Residents, fellows and Junior Faculty

Objectives
Following this CME course, participants should be able to demonstrate the following:
- Define primary & secondary trial aims and appropriate endpoints to measure in radiotherapy clinical trials.
- Define Phase 0, I, II, III, and other clinical trial designs for radiotherapy clinical trials
- Understand the basic clinical trial biostatistics
- Learn best practices for image-guidance driven clinical trials
- Understand how to incorporate immune-based endpoints in radiotherapy clinical trial design
- Understand how to incorporate QOLife endpoints in radiotherapy clinical trial design
- Understand the role of clinical informatics in radiotherapy clinical trial design
- Learn best practices in particle therapy-based clinical trial design

Accreditation
Oregon Health & Science University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit
OHSU School of Medicine, Division of CME, designates this live activity for a maximum of 11.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Schedule:

Thursday (April 23rd, 2015)

Welcome & Course Overview & Pre-Test
CR Thomas, R Rengan, Khan
Mixer

Friday (April 24th, 2015)

7:15 am  Continental Breakfast
8:00 am  Responsibilities of the PI
8:20 am  Primer on Biostatistics for Clinical Trials
9:00 am  Phase I-II Radiotherapy-based Clinical Trials: Design and Endpoints
9:45 am  Image-guided Radiotherapy Clinical Trial Design
10:20 am  COFFEE BREAK & POSTER REVIEW OF CLINICAL TRIALS (OHSU, UW/FHCRC, British Columbia Cancer Agency)
11:00 am  Imaging Endpoints in Clinical Trials: RESIST, PERCIST, & Beyond
11:40 am  Design of Parallel Pathology & Imaging Endpoints in Radiotherapy-based Clinical Trials
12 noon  WORKING LUNCH/DISCUSSION OF CONCEPT SHEETS
1:45 pm  Incorporation of Novel Translational Research Endpoints in Clinical Trials
2:10 pm  Immune-based Endpoints in Radiotherapy-based Clinical Trials
2:45 pm  Normal Tissue Considerations in Design of Radiotherapy Trial Design
3:20 pm  Radiosensitivity & Radioresistance Prediction Tools in Trials
4:00 pm  Panel #1
5:00 pm  Adjourn

Saturday (April 25th, 2015)

7:45 am  Continental Breakfast
8:30 am  Clinical Informatics in Radiotherapy Trial Design
9:15 am  Particle Therapy-based Clinical Trial Design
10:00 am  QOLife Endpoints in Clinical Trial Design
10:45 am  Mathematical Modeling in Design of Radiotherapy Time-Dose-Fractionation
11:30 am  WORKING LUNCH/Breakout Sessions (Disease-oriented)
          Breakout Session 1:  Breast Radiotherapy Clinical Trial Design
          Breakout Session 2:  Gyn Onc Radiotherapy Clinical Trial Design
          Breakout Session 3:  GU Radiotherapy Clinical Trial Design
          Breakout Session 4:  GI Radiotherapy Clinical Trial Design
          Breakout Session 5:  Soft-tissue & Bone Tumor Clinical Trial Design
          Breakout Session 6:  Pediatric Oncology Clinical Trial Design
          Breakout Session 7:  Lung Radiotherapy Clinical Trial Design
          Breakout Session 8:  Head and Neck Clinical Trial Design
          Breakout Session 9:  Palliative Radiotherapy Clinical Trial Design
1:00 pm  Panel #2
1:30 pm  Post-Test & Adjourn

Airport Shuttles
Faculty:

Charles R. Thomas, Jr., MD
Course Director
Professor and Chair
Department of Radiation Medicine
OHSU Knight Cancer Institute

Mohmed Khan, MD, PhD
Course Co-Director
Leader of Radiation Oncology
British Columbia Cancer Agency
Associate Professor
University of British Columbia

Ramesh Rengan, MD, PhD
Course Co-Director
Medical Director
Seattle Cancer Care Alliance
Proton Therapy

Archie Bleyer, MD
Adjunct Faculty
Clinical Research Professor
Department of Radiation Medicine
OHSU Knight Cancer Institute

Clifton David Fuller, M.D., Ph.D.
Assistant Professor
Department of Radiation Oncology
The University of Texas
MD Anderson Cancer Center

Charlotte Kubicky, MD, PhD
Associate Professor
Department of Radiation Oncology
OHSU Knight Cancer Institute

Nina A. Mayr, MD
Professor and Chair
Department of Radiation Oncology
University of Washington
School of Medicine

Arthur Y. Hung, MD
Assistant Professor
Medical Student Clerkship Director
Department of Radiation Medicine
OHSU Knight Cancer Institute

Javier F. Torres-Roca, MD
Associate Member
Research and Clinical Trials
Moffitt Cancer Center

Fergus Coakley, MD
Professor and Chair
Department of Diagnostic Radiology
Oregon Health and Science University

Javier F. Torres-Roca, MD
Associate Member
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Moffitt Cancer Center

James Moon
Biostatistician
Fred Hutchinson Cancer Research Center

Sophia Bornstein, MD, PhD
PGY-5 Resident and Instructor
Department of Radiation Oncology
OHSU Knight Cancer Institute

Marka Crittiden, MD, PhD
Physician-Scientist
The Oregon Clinic
Radiation Oncology

Timur Mitin, MD
Assistant Professor
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OHSU Knight Cancer Institute
Medical Director
Tuality OHSU Cancer Center

Alex Guimaraes, MD, PhD
Associate Professor
Section Head of Abdominal Imaging
Diagnostic Radiology
OHSU

Michael Gough, PhD
Scientist
Earles A. Chiles
Research Institute

Lilie L. Lin, MD
Assistant Professor
Department of Radiation Oncology
Hospital of the University of Pennsylvania

Andrew Trister, MD, PhD
Postdoctoral Fellow
Sage Bionetworks
Registration Form

☐ Physician: $350

☐ Residents/Fellows: $300

To register online, go to www.ohsu.edu/som/cme

Name: __________________________________________________
Address: _________________________________________________
City: ______________________ State:______ Zip:________________
Day Phone: ___________________ Fax No:_____________________
Email Address:____________________________________________
Professional Degree:_________ Practice Emphasis:_______________

The registration fee includes attendance to the workshop, continental breakfast, mid-morning and afternoon breaks and box lunches.