Professor Sethi currently serves as the executive director of the Neuroscience Institute and the Director of Complex Spine Surgery at Virginia Mason Medical Center in Seattle, USA. He is also Clinical Associate Professor at the University of Washington specializing in health services research in the Program of Health Economics and Outcomes Methodology. Dr. Sethi attended Harvard Medical School in Boston and completed his training both in the Harvard Combined Orthopaedic Program in Boston and at the University of California at San Francisco. His fellowship at UCSF focused on the management of complex spinal disorders. He was also a Fulbright Scholar in the field of public health prior to beginning medical school at Harvard.

Professor Sethi is currently the Chair of the Safety and Value committee of the Scoliosis Research Society. He has been actively involved in the SRS serving on the adult deformity, research grant, IMAST, website and worldwide conference committees. His research around team strategies and multidisciplinary protocols to enhance safety in spinal deformity surgery has lead to numerous peer reviewed manuscripts and podium presentations as well invited visiting professorships in the US and abroad. Professor Sethi has served as an invited lecturer on the topics of spine safety and surgical protocols in 26 countries.

Professor Sethi’s research has been awarded major nominations including the Whitecloud Award by the SRS for best research paper and the Mary McClinton Award for Patient Safety in the United States. His work on the Seattle Spine Team approach and the use of the Toyota Production System to model safety and appropriateness in spine care have lead to the designation of “centers of excellence” by American purchasers of health care.

To register call 913.588.0575 or e-mail aphillips3@kumc.edu.
Deadline June 9, 2017
## Schedule

### Session I
**Moderator • Douglas Burton, M.D.**
- Spine Care in 2017 and Beyond: What Can We Do To Enhance Safety and Sustainability? 
  - Rajiv Sethi, M.D.
- Questions and Answers

### Session II
**Moderator • Kim Templeton, M.D.**
- Questions and Answers

### Research Presentations
- **Case Conferences**
  - Mitchell Birt, M.D.
  - Jessica Brozek, M.D.
  - Brandon Morris, M.D.
  - Michael Bokemper, M.D.
  - Georges Bounajem, M.D.
  - Jonathan Burkes, M.D.
  - Rose Cortina, M.D.

- **Bone Sialoprotein-Specific Osteogenic Activities During the Repair of Cranial Bone Defects**
  - Darryl Blalock, M.D.

- **Can Cervical Radiographic Measurements Predict Concurrent Thoracolumbar Deformity & Provide a Threshold for Acquiring Long-Cassette Spine Radiographs**
  - Brandon Carlson, M.D.

- **Modified Mixing Technique and Low Frequency Ultrasound to Control the Elution of Vancomycin-loaded Bone Cement**
  - Nicholas Wischmeier, M.D.

- **Predict Concurrent Thoracolumbar Deformity**
- **We do To Enhance Safety and Sustainability?**
  - E. Bruce Toby, M.D.

### LEAN and Orthopaedic Surgery: What Can We Learn From A Japanese Car Company?
- Rajiv Sethi, M.D.

### Questions & Answers
- **Group Picture**
  - Lunch with Faculty and Guests
  - Murphy Lobby

- **Closing Comments | E. Bruce Toby, M.D.**

### Resident Graduation and Alumni Dinner
- 6:30 p.m.
- The Venue at Willow Creek
- Kansas City, Kansas

## Overview
This program will generate interest and discussion on the application of LEAN principles and the Toyota Production System to musculoskeletal health. There will be a focus on the use of multidisciplinary conferences to aid in patient optimization prior to adult spinal deformity surgery. This will also provide a forum for senior resident presentations of completed research projects and junior resident presentations of unique orthopedic cases.

## Target Audience
This symposium is designed for health care professionals, KU Orthopedic faculty, residents, and alumni, as well as orthopedic surgeons in the Kansas City community.

## Objectives
At the completion of this symposium, participants should be able to:
- Describe systematic ways to enhance safety and value in spine care delivery.
- Explain how to use the principles of LEAN to eliminate variability and waste in orthopaedic care.
- Integrate knowledge of unique orthopedic cases seen in clinical practice into patient care.