**Wednesday, May 10, 2017 – Paetzold Centre, VGH**

**0700 – 0800** \textbf{Registration and Refreshments}

**0800 - 0805** \textit{Welcome and Opening remarks} – Dr. Bas Masri  
Chair: Dr. Henry Broekhuysen  
Moderators: Dr. J. Lawrence Marsh, Dr. Michael McKee, Dr. Anthony Cooper

**Session 1:** \textbf{Research Presentations} (6 min. presentation + 4 min. discussion)

**0805 – 0815**  
Classifying Abductor Deficiencies in Total Hip Arthroplasty \textbf{Simon Garceau (PGY 4)}

**0815 – 0825**  
Perceived vs Real Anterior Glenoid Anchor Placement: A Cadaveric Comparison of Beach Chair and Lateral Position \textbf{Benjamin Jong (PGY 4)}

**0825 – 0835**  
Surgeon Ergonomics in Arthroscopic Shoulder Surgery \textbf{Darcy Marr (PGY 4)}

**0835 – 0845**  
Effect of time delay to surgery on morbidity and mortality associated with periprosthetic fractures of the hip and knee \textbf{Ian Wilson (PGY 4)}

**0845 – 0855**  
Which general functional outcome measure does a better job of capturing change in clinical status in pelvic and acetabulum fracture patients? An analysis of responsiveness over the first year of recovery \textbf{Sebastian Ko (PGY 4)}

**0855 – 0905**  
Project Title: The Trajectory of Short and Long Term Functional Recovery of Surgically Treated Unstable Pelvic Ring Injuries \textbf{Michael Neufeld (PGY 3)}

**0905 – 0915**  
Use of the Spine Adverse Events Severity System (SAVES) in patients undergoing spine surgery not related to trauma. A comparison with NSQIP for the identification of acute care adverse events \textbf{Jennifer Nevin (PGY 3)}

**0915– 0925**  
Fixation failure and time to reoperation after internal fixation of young femoral neck fractures: A population-based study in British Columbia, Canada – \textbf{David Stockton (PGY 3)}

**0925 – 0935**  
Dynamic Morphometric Changes in Degenerative Lumbar Spondylolisthesis: A Pilot Study of Standing Magnetic Resonance Imaging \textbf{Michael Bond (PGY 4)}

**0935 – 0945**  
Sarcopenia, but not Frailty, predicts the occurrence of adverse events after emergent surgery for metastatic disease of the spine. \textbf{Etienne Bourassa-Moreau} (Fellow, Spine)

**0945 – 0955**  
Prophylaxis of surgical site infection in adult spine surgery: a systematic review - \textbf{Reina Yao} (Fellow, Spine)
0955 – 1005 Responsiveness of injury specific and generic functional outcome measures in distal radius fractures
Amar Cheema (PGY 2)

1005 – 1015 Accuracy of a three-dimensional computer model for assessing location of iliosacral screw placement.
Jillian Fairley (PGY 2)

1015 – 1030 REFRESHMENT BREAK

1030 – 1040 Levels of Evidence for Joint-Preserving Surgical Treatments in Ankle Osteoarthritis Christopher Day (PGY 2)

1040 – 1050 A new technique for determining limb occlusion pressure Lindsay Anderson (PGY 2)

1050 – 1100 The economical implication and lost wages of ankle arthritis in British Columbia Oliver Gagne (PGY 2)

1100 – 1110 TAR and AA: The effect of comorbidities on outcomes Alia Albaghdadi (PGY 2)

1110 – 1120 Effect of a patient education program on patient satisfaction and outcomes in Hallux Valgus Jennifer Hunter (PGY 1)

1120 – 1130 A Training Model for Reduction of Impact Variability at the Trunnion During Total Hip Arthroplasty Ryan Lohre (PGY 1)

1130 – 1140 The epidemiology and patient-reported outcome of adverse local tissue reaction to metal wear particles after revision total knee replacement Adam McIntyre (PGY 1)

1140 – 1150 Measuring Outcomes Over Time in Tibial Plafond Fractures: A Comparison of Generic, Musculoskeletal Specific and Foot and Ankle Specific Outcome Measures Aresh Sepehri (PGY 1)

1150 – 1200 Wide local excision versus mohs micrographic surgery in the treatment of dermatofibrosarcoma protuberans Oren Zarnett (PGY 1)

1200 – 1245 LUNCH FOR ALL ATTENDEES

Session 2: Research Presentations (6 min. presentation + 4 min. discussion)

1245 – 1255 Knee Manipulation Under General Anesthesia After Total Knee Replacement Husam Al-Rumaih (Fellow, Lower Limb Reconstruction and Oncology)

1255 – 1305 Identification of the ‘at risk’ genotype for the development of pseudotumours around metal-on-metal total hip arthroplasties Andrew Kurmis (Fellow, Lower Limb Reconstruction and Oncology)

1305 – 1315 Does Timing of Periprosthetic Fracture Surgery Affect Outcome? Richard Nadeau (Fellow, Lower Limb Reconstruction and Oncology)

1315 – 1325 Predicting completion of follow-up in long term prospective orthopaedic trauma research Graham Sleat (Fellow, Trauma)

1325 – 1335 Mapping recovery in simple and complex tibial plateau fractures - Darryl Ramoutar (Fellow, Trauma)

1335 – 1345 The trajectory of recovery following acetabulum fracture - Mark Miller (Fellow, Trauma)

1345 – 1355 A Comparison Between Cerebrospinal Fluid and MRI Biomarkers for Classifying Injury Severity and Predicting Outcome in Acute SCI Turker Dalkilic (Fellow, Spine)

1355 – 1405 Bisphosphonate Management of Vertebral fractures in Duchenne's Muscular Dystrophy Luigi Nasto (Fellow, Paediatrics)

1405 – 1430 REFRESHMENT BREAK
Session 3: **Research Presentations** (6 min. presentation + 4 min. discussion)

1430 – 1440  Do infants with risk factors for DDH require further radiographic follow-up after a normal clinical examination and ultrasound? A Retrospective Chart Review James McCammon (Fellow, Paediatrics)

1440 – 1450  The Need for Further Corrective Surgery in Developmental Dysplasia of the Hip: Surgical Decision-making and Practice Variability Emily Schaeffer (Postdoctoral Fellow, Paediatrics)

1450 – 1500  Pedobarographic assessment and comparison of clubfeet treated with ponsetti casting and botox to the normal population Arnold Suzuki (Fellow, Paediatrics)

1500 – 1510  The Reliability of Computed Tomography in the Assessment of Tibio-talar Fusion Nicholas Yeo (Fellow, Foot & Ankle Extremities)

1510 – 1520  Comparison of plate and tension band wiring fixation of olecranon osteotomies or Reliability of current sigmoid notch classification of the distal radioulnar joint. Heathcliff D’sa (Fellow, Hand & Upper Extremities)

1520 – 1530  Varus Posteromedial Rotatory Instability of the Elbow Michael Kempston (Fellow, Hand & Upper Extremities)

1530 – 1540  Fracture risk post removal of clavicular plate Mark Robinson (Fellow, Arthroscopic, Reconstructive Surgery & Joint Preservation)

1540 – 1550  Immediate Unprotected Weight-Bearing and Range of Motion after open Reduction and Internal Fixation of Unstable Ankle Fractures Brian Le (Fellow, Royal Columbian Trauma)

1550 – 1600  Qualitative Comparison of Total Ankle Replacement vs Ankle Fusion in patients with Bilateral Ankle Arthritis Marie-Eve Pelletier (Fellow, Foot & Ankle Extremities)

1600 – 1610  Inconsistency in the Reporting of Adverse Events in open reduction and internal fixation of Ankle Fractures: A Systematic Review of the Literature Hooman Sadr Hamedany (Fellow, Foot & Ankle Extremities)

1610 – 1620  Reliably Assessing Developmental Dysplasia of the Hip using 3D Ultrasound Imaging - Niamal Quader

1620 – 1630  Evidence of femoral neck superior cortex failed under compression in intracapsular hip fracture - Toni Tang

1630 – 1640  Do aging adults need wheelchair propulsion training? - Megan MacGillivray (PhD Candidate, Rehabilitation Sciences)

1640 – 1650  An intraoperative (post-placement) framework for position assessment of pedicle screws? - Hooman Esfandiari (PhD Candidate, Biomechanical Engineering)

ADJOURN

**THURSDAY MORNING, MAY 11, 2017 – SFU HARBOUR CENTRE, FLETCHER CHALLENGE THEATRE**

0700 – 0800  **CONTINENTAL BREAKFAST**

Session 4: **Comprehensive Care of the Orthopaedic Trauma Patient**

0800 – 0805  Chair/Opening remarks – Dr. B. Masri

0805 – 0825  Does Comprehensive Care Lead to Improved Patient Outcomes in Hip Fracture Patients- Dr. P. Guy

0820 – 0840  Perspectives on U.S. Trauma Systems - Dr. L. Marsh
0840 – 0900  Spine Trauma Outcomes- the effect of comprehensive care on patient outcome, quality of life, and complications- Dr. Charles Fisher

0900 – 0920  The Value in “Comprehensive Care” —Dr. D. Evans

0920 – 0945  Panel Discussion

0945 – 1015  REFRESHMENT BREAK

Session 5:  Improving Trauma Care and Care Delivery-an evidence-based approach
Chair – Dr. B. Masri

1015 – 1045  Morton Lecture: Dr. Michael McKee
Title: Fractures of the Clavicle- how science has changed practice

1045 – 1100  Randomized Trials in Orthopaedic Trauma and their relevance to my practice in 2017- Dr. PJ O'Brien

1100 – 1115  The Role of Trauma/Fracture Registries and Database Research in advancing evidence-based care- Dr. Dr. P. Guy

1115 – 1130  Applied Biomechanics and Bioengineering advancing trauma care- Dr. T. Oxland

1130 – 1145  From the Bench to the Bedside- how translational research is advancing trauma care- Dr. B. Kwon

1145 – 1200  Immediate versus Delayed Spine Fracture Stabilization- what is the evidence-based approach in 2017?- Dr. C. Fisher

1200 – 1215  An Evidence-Based Approach to the Management of Open Fractures- Dr. D. Malish

1215 – 1230  How Do We Measure the Outcome in Orthopaedic Trauma ?- Dr. L. Marsh

1230 – 1315  LUNCH FOR ALL ATTENDEES

Session 6:  Articular and Periarticular Fractures-solutions/controversies
Chair – Dr. B. Masri

1315 – 1345  Patterson Lecture: Dr. J. Lawrence Marsh
Title: Articular Fractures and Post Traumatic Osteoarthritis

1345 – 1355  Complex Acetabular Fracture- the case for ORIF and a delayed THA if necessary- Dr. K. Lefaivre

1355 – 1405  Periprosthetic Fractures: Update 2017- Dr. C. Duncan

1405 - 1415  Discussion

1420 – 1430  Displaced Femoral Neck Fracture- the case for ORIF and a delayed THA if necessary- Dr. P. O’Brien

1430 – 1440  Displaced Femoral Neck Fracture- the case for immediate THA- Dr. B. Masri

1440 – 1455  Discussion

1455 – 1505  Complex Fractures of the Proximal and Distal Humerus- the role of acute arthroplasty- Dr. F. Moola

1505 – 1515  Fractures of the Proximal and Distal Humerus- the case for immediate arthroplasty- Dr. B. Regan

1515 – 1525  Complex Fractures of the Tibial Plafond- ORIF vs Arthroplasty/Arthrodesis- Dr. A. Younger

1525 – 1535  Discussion
1535 – 1600  REFRESHMENT BREAK

Session 7:  Breakout sessions / Case Discussions
1600 – 1700  Breakout Session #1: Complex upper extremity elbow/wrist fractures-solutions/controversies
Room:  
Case discussion
Chair:  Dr. B. Regan
Faculty:  Dr. T. Goetz, Dr. M. McKee, Dr. P.J. O’Brien

1600 – 1700  Breakout Session #2: Complex fractures involving the foot and ankle-solutions/controversies
Room:  
Case discussion
Chair:  Dr. A. Younger
Faculty:  Dr. M. Penner, Dr. L. Marsh, Dr. K. Wing, Dr Kelly Apostle, Dr Trevor Stone

1700  ADJOURN

THURSDAY EVENING, MAY 11, 2017
1700 – 1930 UBC Department of Orthopaedics Reception:
Alumni, Residents, Fellows, Faculty and Friends
Delta Suites Hotel - 550 West Hastings Street
Vancouver, BC  V6B 1L6

FRIDAY MORNING, MAY 12, 2017
0700 – 0800  Continental Breakfast

Session 8:  Complications and Adverse Events- solutions/controversies
0800 – 0805  Opening Remarks/Chair – Dr. B. Masri
0805 – 0830  McGraw Lecture:  Dr. Anthony Cooper
Title:  Pediatric Limb Deformity
0830 – 0845  Delayed Union/Non-union: diagnosis and management- Dr. L. Marsh
0845 - 0900  The Role of Biologics and Adjuncts for Bone Healing- a cost-effective approach for Canadian Surgeons- Dr. M. McKee
0900 – 0915  Prevention, Diagnosis, and Management of Infection in the Orthopaedic Trauma Patient- Dr. H. Broekhuysen
0915 – 0930  DVT/PE Prevention/Management- an evidence-based approach for the ortho trauma patient in 2017-
0930 – 0945  Compartment Syndrome Prevention, Diagnosis, Management in the Pediatric/Adult Trauma Patient- what is the state of the art in 2017- Dr. Lise Leveille
0945 – 1000  Physical Injuries- current solutions/controversies- Dr. C. Reilly
1000 - 1030  REFRESHMENT BREAK

Session 9:  Orthopaedic Education
Chair – Dr. H. Broekhuysen
1030 – 1050  The Changing Environment of Resident Education and the Current Status of Simulation for Orthopaedic Surgical Skills Training- Dr. L. Marsh
1050 - 1110  Educating the Millennials- challenges and opportunities- Dr. H. Broekhuysen
1110 – 1130 The Introduction of New Technology for Orthopaedic Surgery- Dr. M. McKee
1130 – 1145 Questions/Discussion
1145 – 1200 Royal College Lecturer: Dr. Alfred Smith
Title: Comprehensive Care of the Orthopaedic Patient in the Community Setting
1200 – 1300 LUNCH FOR ALL ATTENDEES AND ALL BCOA MEMBERS

BCOA AFTERNOON SESSIONS (ALL BCOA MEMBERS WELCOME)

Session 10: Orthopaedic Trauma Reconstruction Technique/Tips/Tricks (Video Sessions)
Chair – Dr. B. Masri

1300 – 1310 Multi-ligament Knee Reconstruction Following Knee Dislocation/Trauma- Dr. M. Gilbart
1310 – 1320 Reduction and Fixation of the Intra-articular Distal Radius Fracture- Dr. T. Goetz
1320 – 1330 Fractures Involving the Radial Head/Elbow-optimizing outcomes- Dr. J. Pike
1330 – 1340 Nerve Transfer Following Fracture – state of the art- Dr. P. Daneshvar
1340 - 1350 Percutaneous Pelvic Fracture Fixation- Dr. K. Lefaivre
1350 – 1400 Peri-trochanteric Fracture Fixation- Dr. P. Guy
1400 – 1410 ORIF of Periprosthetic Fractures of the Knee - Dr. D. Viskontas/Dr. T. Stone
1410 – 1420 Arthroscopically Assisted Ankle Fracture Reduction/Fixation- Dr. A. Veljkovic
1420 – 1430 Syndesmosis Fixation Solutions/Controversies- Dr. A. Younger
1430 – 1440 Reduction/Fixation of the Pediatric Supracondylar Humerus Fracture- Dr. C. Reilly
1440 – 1500 Refreshment Break

1500 – 1525 UBC Department of Orthopaedics Faculty-wide Departmental Meeting
Chair – Dr. B. Masri

1525 – 1700 BCOA BUSINESS MEETING
Chair – Dr. K. Wing
1) BC INSTITUTE UPDATE- FEATURED GUEST SPEAKER CHRIS SMITH (ALBERTA BONE AND JOINT INSTITUTE)
2) ACCESS TO CARE CAMPAIGN
3) BUSINESS MEETING AGENDA (AGENDA TO BE DISTRIBUTED ON-SITE)

1700 ADJOURN

FRIDAY EVENING, MAY 12, 2017

1830 UBC Department of Orthopaedics
Graduation, Alumni and Awards Banquet
Shaughnessy Golf and Country Club