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# *Notes & Doodles*

## SUBSPECIALTY AT-A-GLANCE

Sessions will be at the Victoria Convention Centre unless otherwise indicated.  
Please verify location carefully.

Day	Time	Session	Location	Page
<b>CORS</b>				
<b>THURSDAY</b>	8:00-9:50	CORS Papers: Bone, Lig, & Tendon / Joints & Arthritis	Oak Bay	30
	9:15-10:45	CORS/COA Paper: Spine	Esquimalt	31
	11:15-12:45	CORS Symp & Macnab: Biomarkers in Orthopaedics	Lecture Theatre	35
	12:45-14:00	CORS Business Meeting: SWOT & Election	Oak Bay	37
	14:00-15:20	CORS Paper: Arthroplasty	Oak Bay	40
	15:30-16:20	COA/CORS Keynotes	Lecture Theatre	41
<b>FRI</b>	7:00-8:00	CORS Executive Meeting	Langford	43
<b>ARTHROPLASTY</b>				
<b>WED</b>	13:30-14:30	CAS Research Meeting	Esquimalt	18
<b>THU</b>	14:00-15:20	CORS Paper Session: Arthroplasty	Oak Bay	30
<b>FRIDAY</b>	7:50-9:30	Paper Session: Knee	Crystal Ballroom, Empress	43
	8:00-9:30	Paper Session: Hip 1	Lecture Theatre	44
	10:35-11:15	Poster Tour: Arthroplasty	Showcase Theatre	50
	16:00-17:00	Fireside Chat: Hip	Oak Bay	55
	16:00-17:00	Fireside Chat: Knee	Saanich	55
<b>SATURDAY</b>	7:30-9:00	Paper Session: Hip 2	Lecture Theatre	57
	9:00-10:30	COA Paper Session: Hip/Knee	Lecture Theatre	58
	9:00-10:30	CAS/Tumour ICL: Mgmt Surgical Site Infection	Sidney	60
	9:30-10:30	Symp: Concurrent Spine/Hip Disease in Sx	Oak Bay 2	72
	11:00-12:30	COA/CAS Symp: Adverse Events Primary TKA	Lecture Theatre	60

<b>SATURDAY</b>	13:15-14:45	COA/CAS ICL: Arthroplasty Solutions in Complex Geriatric Fx	Lecture Theatre	61
	14:45-15:45	COA/CAS ICL: Ambulatory TJA	Lecture Theatre	61
	16:00-17:30	COA/CAS Symp.: Update in Trunnionosis	Lecture Theatre	61
<b>FOOT AND ANKLE</b>				
<b>FRI</b>	11:15-12:45	ICL: Sports/F&A: Cartilage Preservation/ Restoration	Saanich	51
<b>SATURDAY</b>	8:00-9:30	Papers: Foot & Ankle	Colwood	62
	9:30-10:30	Guest Lecturer & Cases	Colwood	63
	11:00-12:30	COFAS Round Table Case-based Discussion	Colwood	64
	13:15-14:45	COFAS Business & Research Mtg	Colwood	64
	15:00-16:30	Trauma/COFAS Symp: Severe Injuries to F&A	Crystal Ballroom, Empress	64
	16:30-17:30	Fireside Chat: Foot & Ankle	Crystal Ballroom, Empress	65
<b>HAND AND WRIST</b>				
<b>FRI</b>	16:00-17:00	Fireside Chat: Hand & Wrist	Sidney	55
<b>SATURDAY</b>	8:00-9:00	Hand & Wrist Study Group (WECAN) Research Mtg	Saanich 2	65
	9:00-10:30	Symp: Wrist Arthritis	Saanich 2	65
	11:00-12:30	Symp: Distal Radius Fx	Saanich 2	65
	12:30-13:15	Hand/Wrist Business Mtg	Saanich 2	66
	13:15-15:15	Paper Session: Hand & Wrist	Saanich 2	66
<b>PAEDIATRICS</b>				
<b>FRIDAY</b>	7:15-9:30	CPOG Annual Form	Oak Bay	43
	11:15-12:45	ICL: Complications in Paeds MSK Infections	Oak Bay	52
	16:00-17:30	Workshop: Treatment Paeds Tibial Fracture	Colwood	55
<b>SAT</b>	7:20-9:30	Paper Session: Paediatrics	Esquimalt	68
	9:30-10:30	CPOG Annual Meeting	Esquimalt	70

<b>SATURDAY</b>	11:00-12:30	ICL: Paeds/Spine – Deformity Update	Esquimalt	70
	13:15-14:45	Symp: Problem CP Hip: Cradle to Grave	Esquimalt	70
	15:00-16:00	Fireside Chat: Paediatrics	Esquimalt	71

### SPINE

<b>THU</b>	9:15-10:45	CORS/COA Paper Session: Spine	Esquimalt	31
	17:45-18:15	Poster Tour: Spine	Showcase Theatre	41
<b>FRI</b>	8:00-9:30	Paper Session: Spine 1	Colwood	46
	13:45-15:15	Symposium: Degenerative Spine	Saanich	53
<b>SATURDAY</b>	7:50-9:30	Paper Session: Spine 2	Oak Bay 2	71
	9:30-10:30	Symp: Concurrent Spine/Hip Disease in Sx	Oak Bay 2	72
	11:00-12:30	ICL: Paeds/Spine – Deformity Update	Esquimalt	73
	13:15-14:45	Symp: Biologic/Biomaterial in Tx of Spinal Disease	Oak Bay 2	73
	14:45-16:15	Spine Symp: Value-based and Timely Surgery	Oak Bay 2	74

### SPORTS

<b>THURSDAY</b>	9:15-10:45	ICL: UE/Sports: What to We do w/ the Cuff?	Saanich	34
	10:45-11:15	Poster Tour: Sports/Arthroscopy	Showcase Theatre	35
	12:45-13:45	McMaster Sports Medicine Research Drop-In Meeting	Langford	37
<b>FRI</b>	8:00-9:30	Paper Session: Sports 1	Saanich	47
	11:15-12:45	ICL: Sports/F&A: Cartilage Preservation/ Restoration	Saanich	51
<b>SATURDAY</b>	8:00-9:30	COA Paper Session: Sports 2	Saanich 1	74
	9:30-10:30	Guest Speaker and AAC Position Paper Discussion	Saanich 1	76
	11:00-12:30	Sports Tips & Tricks	Saanich 1	76
	12:30-13:15	AAC Business Meeting	Saanich 1	76

<b>SAT</b>	13:15-14:45	Sports Symp: Case-based Problems - All Joints	Saanich 1	77
	15:00-16:00	AAC/Sports Debates	Saanich 1	77
<b>TRAUMA</b>				
<b>WED</b>	11:00-13:00	OCCG Meeting	Oak Bay	18
	13:00-17:00	COTS Meeting	Oak Bay	18
<b>THU</b>	9:15-10:45	Paper Session: Trauma 1	Crystal Ballroom, Empress	32
	18:30-19:00	Poster Tour: Trauma	Showcase Theatre	41
<b>FRI</b>	11:15-12:45	COAGS SIGN IM Nail Workshop	Colwood	52
	13:45-15:45	IOA/COA Symp: Trauma Fracture Surgery	Lecture Theatre	53
	16:00-17:00	Fireside Chat: Trauma	Esquimalt	55
<b>SATURDAY</b>	8:00-9:00	Trauma ICL: Trauma Pt Thromboprophylaxis	Crystal Ballroom, Empress	78
	9:00-10:40	Paper Session: Trauma 2	Crystal Ballroom, Empress	78
	11:00-12:30	Symp: Trauma PostOp Fracture Care	Crystal Ballroom, Empress	80
	13:15-14:45	Trauma Debate: Distal Femur Fx	Crystal Ballroom, Empress	80
	15:00-16:30	Trauma/COFAS Symp: Severe Injuries to F&A	Crystal Ballroom, Empress	81
<b>TUMOUR</b>				
<b>SAT</b>	7:30-9:00	Paper Session: Tumour	Sidney	81
	9:00-10:30	CAS/Tumour ICL: Mgmt Surgical Site Infection	Sidney	83
	11:00-12:30	CANOOS Business Mtg	Sidney	83
<b>UPPER EXTREMITY</b>				
<b>THU</b>	9:15-10:45	ICL: UE/Sports: What to We do w/ the Cuff?	Saanich	34
<b>FRI</b>	8:00-9:30	Paper Session: Upper Extremity 1	Esquimalt	49
<b>SAT</b>	7:30-9:00	Paper Session: Upper Extremity 2	Oak Bay 1	84

<b>SATURDAY</b>	9:00-10:30	COA/CSES Video Tips & Tricks: Shoulder Instability	Oak Bay 1	85
	11:00-12:30	COA/CSES Symposium: Elbow Fractures	Oak Bay 1	85
	13:15-14:45	COA/CSES Shoulder Arthro. Symp: B2 Glenoid	Oak Bay 1	86
	14:45-15:45	CSES Research Meeting	Oak Bay 1	86
	15:45-16:45	CSES Exec. & Bus. Mtg	Oak Bay 1	86
<b>GENERAL / EDUCATION</b>				
<b>WEDNESDAY</b>	10:00-20:00	Registration	Registration Foyer	11
	12:00-17:30	Speaker Ready	Metchosin	11
	10:30-11:30	COA Gender, Leadership & Life Balance Roundtable	Bengal Room, Empress	27
	17:30-19:00	COA/CORS Opening Ceremonies	Lecture Theatre	28
	19:00-21:00	President's Welcome Reception	Carson Hall	28
<b>THURSDAY</b>	7:00-17:30	Registration	Registration Foyer	11
	7:00-17:00	Speaker Ready	Metchosin	11
	7:00-8:00	RSA Network Meeting	Langford	29
	8:00-9:30	Late Career Trans. ICL	Lecture Theatre	29
	9:15-10:45	SunLife ICL: Tax Trauma	Colwood	34
	10:35-11:15	Break in Exhibits	Carson Hall	34
	11:15-12:15	Papers: Critical Issues	Esquimalt	35
<b>THURSDAY</b>	11:15-12:45	Resident ICL: The Future of Ortho. in Healthcare	Saanich	36
	12:45-13:45	Lunch in Exhibits	Carson Hall	37
	12:45-14:00	Lunch & Learn Series: Education Through Exchange	Showcase Theatre Exhibit Hall	37
	13:45-15:15	Symposium: Acute Pain Mgmt in Orthopaedics	Lecture Theatre	38
	13:45-15:15	Paper Session: Education	Esquimalt	38
	15:30-16:30	COA/CORS Keynotes	Lecture Theatre	41
	16:30-17:30	Your COA in Review	Saanich	41
	17:30-19:00	Poster Pub in Exhibits	Carson Hall	41

<b>FRIDAY</b>	7:00-18:00	Registration	Registration Foyer	11
	7:00-17:00	Speaker Ready	Metchosin	11
	7:30-8:00	OMeGA Medical Grants Association Meeting	West Coast	43
	9:35-10:35	Resident Ceremony, Pres. Elect Address & Transfer of Office	Lecture Theatre	50
	10:35-11:15	Break in Exhibits	Carson Hall	50
	11:15-12:45	Visiting Presidents' Carousel Symposium	Lecture Theatre	50
	11:15-12:45	COAGS SIGN IM Nail Workshop	Colwood	52
	12:45-13:45	Lunch in Exhibits	Carson Hall	52
	12:45-13:45	Lunch & Learn Series: Journal Club Session	Showcase Theatre, Exhibit Hall	53
	13:45-15:45	IOA/COA Symp: Trauma Fracture Surgery	Lecture Theatre	53
	13:45-14:00	EDUCATE Study Results	Sidney	54
	14:00-15:30	Intimate Partner Violence Champion Training	Sidney	54
	15:30-16:00	Break	Registration Foyer	54
<b>SAT</b>	7:00-12:30	Registration	Registration Foyer	11
	7:00-17:00	Speaker Ready	Metchosin	11
	10:30-11:00	Break	Registration Foyer	
	12:30-13:15	Lunch	Registration Foyer	





## **COA COMMITTEES AND STAFF**

### **COA Executive**

Kevin Orrell, President  
John Antoniou, President-elect  
Mark Glazebrook, 2<sup>nd</sup> President-elect  
Peter B. MacDonald, Past President  
Kishore Mulpuri, Secretary  
Markku Nousiainen, Treasurer  
Laurie Hiemstra, Member-at-Large  
Geoffrey H. Johnston, Canadian Orthopaedic Foundation President

### **CORS Executive**

Fackson Mwale, President  
Albert Yee, Past President  
Paul Beaulé, Program Chair  
Rizhi Wang, Secretary / Treasurer  
Simon Kelley, Member-at-Large

### **Program Committee**

Peter Dryden, Program Chair  
Peter Lapner, Past Program Chair  
Paul Beaulé, 2019 Program Chair & 2018 CORS Program Chair  
Colin Landells, Local Arrangements Chair  
Étienne Belzile, Hip and Knee Reconstruction  
Ivan Wong, Sports Medicine  
Michael Monument, Tumour  
Peter Lapner, Upper Extremity  
Sukhdeep Dulai, Paediatrics  
Steven Papp, Trauma  
Melissa Collins and Peter Dryden, Foot and Ankle  
Thomas Goetz, Hand  
Thomas Hupel, General Orthopaedics  
Veronica Wadey, CPD Chair

### **COA Staff**

Doug Thomson, Chief Executive Officer  
Cynthia Vezina, Executive Director, Strategic Initiatives  
Meghan Corbeil, Meetings and Events Manager  
Trinity Wittman, Manager, Development and Advocacy  
Lexie Bilhete, Membership Services & Affiliate Programs

### **Volunteers**

Caroline Hammel, AB  
Lizzie Chatham, QC  
Noel Baxter, ON  
Nadia Baxter, ON



## Welcome from the COA President

On behalf of the COA Executive and Board of Directors, Anne and I would like to welcome you to beautiful Victoria, BC for the COA, CORS and CORA Annual Meeting.

This year's dynamic program, led by Dr. Peter Dryden and the Program Committee, offers a variety of educational opportunities that cater to everyone's interests. Sessions discussing transition from residency into practice, late career transition, and strategies for tax management

provide essential information for every career stage. Current issues including reducing the role of opioids are addressed in symposia and workshops. New to the COA program this year is the first combined symposium with the Indian Orthopaedic Association, as well as poster tours and lunch and learn sessions in the Exhibit Hall's Showcase Theatre. Practical learning opportunities are offered through tips and tricks sessions, tough case discussions, and workshops using the SIGN Nail system, and hexapod management of paediatric tibial fractures. This is only a small part of the comprehensive program offered this year in beautiful Victoria, BC. Your Local Arrangements Committee Chair, Dr. Colin Landells, has put together a social program that highlights the best tours and venues that our host city has to offer.

Thank you for participating in this year's event. We value your support and engagement and wish you a most enjoyable Annual Meeting and stay in Victoria.

Kevin Orrell, M.D., FRCSC  
President,  
Canadian Orthopaedic Association

*Don't miss the Transfer of office Ceremony where **Dr. John Antoniou** will deliver his President Elect Address, **Rising to the Challenge**" and become the **73<sup>rd</sup> President of the COA***



**Transfer of Office Ceremony**  
**Friday, June 22**  
**9:35 - 10:35**  
**Lecture Theatre – Level 1**  
**VCC**



## GENERAL PROGRAM INFORMATION

### WIFI CODE: COA2018

<b>Registration</b>	<b>Registration Foyer, Level 1, VCC</b>
Wednesday	10:00-20:00
Thursday	7:00-17:30
Friday	7:00-18:00
Saturday	7:00-12:30

**Please load your talk in the speaker ready room at least 2 hours prior to your session.**

<b>Speaker Ready Room</b>	<b>Metchosin Room, Level 1, VCC</b>
Wednesday	12:00-17:30
Thursday	7:00-17:00
Friday	7:00-17:00
Saturday	7:00-17:00

#### **Food and Beverage Service:**

- **Thursday:** Coffee break, Lunch, & Poster Pub in Exhibit Hall
- **Friday:** Coffee Break & Lunch in Exhibit Hall. Afternoon break in Registration area.
- **Saturday, June 23:** Coffee break & lunch in Registration area.

#### **Posters:**

All scientific posters will be available for viewing in the Exhibit Hall (and foyer located just outside Exhibit Hall) on Level 2, VCC. All poster numbers, titles, and authors appear later in the Final Program. Please take note that presenters are encouraged to remain close to their posters for questions during breaks and poster-related events listed below.

Wednesday	12:00-17:00	Poster Mounting
	19:00-21:00	President's Welcome Reception
Thursday	10:45-11:15	Poster Tour - Showcase Theatre
	17:30-19:00	Poster Pub and Poster Tour - Showcase Theatre
Friday	10:35-11:15	Poster Tour - Showcase Theatre
	14:00	Poster Removal

**Poster Tubes:** Please use the bins near the end of the poster rows to store your tube. **Do not leave tubes on the floor.** NOTE that it is the responsibility of the presenters to remove ALL poster material at the close of exhibits on Friday, June 22 at 14:00.



### **Exhibit Hours (Level 2, VCC):**

Wednesday	19:00-21:00	President's Welcome Reception
Thursday	10:45-19:00	Coffee, Lunch, Poster Tours, Poster Pub
Friday	10:35-14:00	Coffee, Lunch, Poster Tour
Friday	14:00-23:59	Tear down and move-out

### **Disclaimer:**

The material presented at the COA Annual Meeting has been made available by the Canadian Orthopaedic Association for educational purposes only. The material is not intended to represent the only, nor necessarily best, method or procedure appropriate for medical situations discussed, but rather is intended to present an approach, view, statement, or opinion of the faculty, which may be helpful to others who face similar situations.

The COA disclaims any or all liability for injury or other damages resulting to any individual attending the Annual Meeting and for all claims that may arise out of the use of the techniques demonstrated therein by such individuals whether these claims shall be asserted by physician or any other person.

### **Disclosure**

The COA is a Royal College of Physicians and Surgeons of Canada (RCPSC) accredited provider. The Annual Meeting in Victoria, BC, from June 20-23, 2018, is accredited under Section 1 and Section 3 of the RCPSC Maintenance of Certification program. As such, the meeting meets the Canadian Medical Association guidelines governing the relationship between physicians and industry.

All authors and presenters were required to disclose whether they have a financial interest or other relationship with a commercial company related directly or indirectly with the scientific or educational material presented at the Annual Meeting to ensure compliance with the CMA guidelines and Royal College accredited education event requirements. All presenters are required to place the official disclosure slide as the first slide of their presentations.

The COA has identified the options to disclose as follows:

1. Research or institutional support
2. Miscellaneous non-income support (e.g., equipment or services), commercially derived honoraria, or other non-research related funding (e.g., paid travel)
3. Royalties
4. Stock or stock options
5. Consultant or employee fees

Specific disclosures can be found in the Disclosure section.



## **Learning Objectives**

By participating in the COA Annual Meeting, participants will:

- Review and evaluate the results of clinical advances in the diagnosis and management of common orthopaedic diseases in the areas of traumatology, arthroplasty, foot and ankle, upper extremity, spine, sports medicine, paediatrics, and tumour.
- Update and expand their understanding of the advances in basic science research in musculoskeletal health and disease, and apply this understanding to current clinical challenges and the improvement of patient outcomes.
- Establish strategies that balance both benefit and risk in the care of specific orthopaedic maladies and describe the expected patient outcomes.
- Gain knowledge of innovative ideas from thought leaders in the major subspecialties.
- Benefit from opportunities to strengthen professional relationships.
- Compare and evaluate the latest in orthopaedic equipment and services.

## **Continuing Medical Education**

This educational event is approved as an Accredited Group Learning Activity under Section 1 and Section 3 of the Framework of Continuing Professional Development options for the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada. The participant will receive one credit per hour for activities attended in this program.

## **Course Evaluations:**

Please take the time to fill out the course evaluations in the COA App; this will assist in developing future COA/CORS Programs.



## **Download the COA App! *Téléchargez l'application de l'ACO!***

The COA App is your essential meeting tool providing exclusive access to:

- Day-by-day program information and schedules
- Session evaluation forms
- Certificate of attendance
- Daily alerts, updates and more!

Download App by scanning the code below or by searching for the COA-ACO in the App Store or in Google Play

L'application de l'ACO est un outil essentiel à votre expérience, puisqu'il vous assure un accès exclusif à ce qui suit :

- Renseignements quotidiens sur le programme et l'horaire
- Formulaires d'évaluation des séances
- Certificat de présence
- Alertes et mises à jour quotidiennes, et plus encore!

Pour télécharger l'application, balayez le code ci-dessous ou recherchez «COA-ACO» dans l'App Store d'iTunes ou dans Mes applis Android de Google Play.



# **DePuy Synthes**

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## Obtain Your Certificate of Attendance in 3 Easy Steps

**STEP 1:** Complete the **session evaluation forms** for **all sessions** that you attended during the meeting

- **Evaluations may be completed through the COA App**
  - o Download the COA App by searching for the **COA-ACO** in the App Store or Google Play
  - o OR visit: <http://m.xcdsystem.com/coa> for App download instructions
  - o After downloading the App, login with your COA Membership/ Registration Login information in to complete the evaluations with your e-mail address and password

**OR**

- **Evaluations may also be completed ONLINE**
  - o Visit <https://www.xcdsystem.com/coa/credits> to complete session evaluation forms on a computer or mobile device
  - o Log in to complete the evaluations with your COA Membership/ Registration Login information

**STEP 2:** Complete the **overall meeting evaluation**

- After completing the **session evaluations** for **all sessions** attended during the meeting, please complete the **overall meeting evaluation** form.
- **The overall meeting evaluation form can be completed in the COA App OR online**  
<https://www.xcdsystem.com/coa/credits>

**STEP 3:** Generate your **certificate of attendance**

- Once all **session evaluation forms AND the overall meeting evaluation form** are complete, your **certificate of attendance** will be ready to download OR sent to you by e-mail.



## **RECOGNIZED MEMBERS AND AWARDS**

### **Carousel Presidents**

**Canadian Orthopaedic Association:** Kevin G.S. Orrell  
**American Academy of Orthopaedic Surgeons:** William Maloney  
**American Orthopaedic Association:** Regis J. O'Keefe  
**Australian Orthopaedic Association:** Lawrence Malisano  
**British Orthopaedic Association:** Ananda Nanu  
**New Zealand Orthopaedic Association:** Richard Street  
**South African Orthopaedic Association:** Pradeep Makan

### **Provincial Presidents**

**Newfoundland and Labrador:** Andrew Furey  
**Nova Scotia:** Nathan Urquhart  
**New Brunswick:** Andrew Clark and Michael Forsythe  
**Québec:** Robert Turcotte  
**Ontario:** John Harrington  
**Manitoba:** James Vernon  
**Saskatchewan:** Elliott Pally  
**Alberta:** Michael Bering  
**British Columbia:** Kevin Wing

### **Guest Speakers**

**Presidential Guest Speaker:** Franklin Sim, US  
**R.I. Harris Lecturer:** Stuart Weinstein, US  
**Ian Macnab Lecturer:** David Hunter, Australia

### **Subspecialty Guest Speakers**

**COFAS Visiting Professor:** Peter Lam, Australia  
**COAGS Bethune Scholar:** C. Vaughan A. Bowen, AB  
**AAC Guest Speaker:** Robert G. McCormack, BC

### **CORA Co-Chairs**

Amar Cheema, BC; David J. Stockton, BC

### **Awards**

#### **Presidential Award for Excellence**

William N. Dust, SK  
Ross K. Leighton, NS

#### **Presidential Award of Merit**

Edward Abraham, NB  
Gregory V. Clarke, NS





**J. Edouard Samson Award**

Kishore Mulpuri, BC

**2017 Founders' Medal**

Philippe Phan, ON

**2017 J.A. Nutter Award**

Adam Hart, QC

**Carroll A Laurin Award**

Paul E. Beaulé and Stéphane Poitras, ON

**Robert B. Salter Award**

Michael J. Monument, AB

**New this year - Inaugural Cy Frank Award**

Bas A. Masri, David R. Wilson, and David J. Stockton, BC

**CORL Awards**

Ryan Degen, ON

Laurie A. Hiemstra, AB

Moin Khan, ON

Ian Lo, AB

Peter MacDonald and Jeff Leiter, MB

Prism S. Schneider, AB

**2018 Visiting and Travelling Fellows**

**Anica Bitenc Fellow**

Tomislav Palibrk, Serbia

**American-British-Canadian (ABC) Fellows**

Arul Ramasamy, United Kingdom

Nemandra Sandiford, United Kingdom

Paul Baker, United Kingdom

Phil Walmsley, United Kingdom

Michael Held, South Africa

Michael Rosenfeldt, New Zealand

Luke Johnson, Australia

## COMMITTEE AND AFFILIATE MEETINGS

All meetings are held in the Victoria Conference Centre unless otherwise stated.

<b>WEDNESDAY</b>		
7:00-9:00	COA Executive Committee	<b>Langford, Level 2</b>
7:30-9:30	Canadian Joint Replacement Registry Advisory (CJRR)	<b>West Coast, Level 1</b>
7:30-10:30	COA Practice Management Committee	<b>Saanich, Level 1</b>
10:00-11:00	COA Finance & Audit	<b>Langford, Level 2</b>
10:00-12:00	COA Continuing Professional Development (CPD) Committee	<b>Esquimalt, Level 1</b>
10:00-12:00	COA Standards Committee	<b>West Coast, Level 1</b>
11:00-13:00	Orthopaedic Clinical Coordinators Group (OCCG)	<b>Oak Bay, Level 1</b>
13:00-16:00	COA Board	<b>Saanich, Level 1</b>
13:00-17:00	Canadian Orthopaedic Trauma Society (COTS)	<b>Oak Bay, Level 1</b>
13:30-14:30	Canadian Arthroplasty Society (CAS) Research Meeting	<b>Esquimalt, Level 1</b>
15:00-16:30	Canadian Orthopaedic Foundation (COF) Subspecialties Meeting	<b>Esquimalt, Level 1</b>

<b>THURSDAY</b>		
7:00-8:00	RSA Network Meeting	<b>Langford, Level 2</b>
10:25-11:15	Canadian Orthopaedic Residents' Association (CORA) Board	<b>Langford, Level 2</b>
12:45-13:45	McMaster Sports Medicine Research Drop-in Meeting	<b>Langford, Level 2</b>
12:45-14:00	Canadian Orthopaedic Research Society (CORS) Business Meeting and SWOT Analysis	<b>Oak Bay, Level 1</b>
16:30-17:30	Your COA in Review (formerly COA Business Meeting)	<b>Saanich, Level 1</b>

<b>FRIDAY</b>		
7:00-8:00	CORS Executive Meeting	<b>Langford, Level 2</b>
7:15-9:30	Canadian Paediatric Orthopaedic Group Research (CPOG)	<b>Oak Bay, Level 1</b>
7:30-8:00	OMeGA Medical Grants Association Meeting	<b>West Coast, Level 1</b>

<b>SATURDAY</b>		
8:00-9:00	Hand and Wrist Study Group Research Meeting (WECAN)	<b>Saanich 2, Level 1</b>
9:30-10:30	Canadian Paediatric Orthopaedic Group (CPOG) Annual Meeting	<b>Esquimalt, Level 1</b>
11:00-12:30	Canadian Orthopaedic Oncology Society (CANOOS) Business Meeting	<b>Sidney, Level 2</b>
12:30-13:15	Arthroscopy Association of Canada (AAC) Business Meeting	<b>Saanich 1, Level 1</b>
12:30-13:15	Hand and Wrist Business Meeting	<b>Saanich 2, Level 1</b>
13:15-14:45	Canadian Orthopaedic Foot & Ankle Society (COFAS) Business/Research Meeting	<b>Colwood, Level 2</b>
14:45-15:45	Canadian Shoulder and Elbow Society (CSES) Research Meeting	<b>Oak Bay 1, Level 1</b>
15:45-16:45	Canadian Shoulder and Elbow Society (CSES) Executive and Business Meeting	<b>Oak Bay 1, Level 1</b>

## 2018 ANNUAL MEETING KEYNOTE SPEAKERS

Guest Speaker bios are available at [www.coa-aco.org/annual-meeting-2018/](http://www.coa-aco.org/annual-meeting-2018/).



### **Presidential Guest Speaker**

Franklin H. Sim, US

Wednesday, June 20, 17:30  
Plenary Hall; Lecture Theatre, Level 1  
Victoria Conference Centre

*Teamwork in Orthopaedic Oncology*



### **Ian Macnab Lecturer**

Prof. David Hunter, Australia

Thursday, June 21, 11:15  
Plenary Hall; Lecture Theatre, Level 1  
Victoria Conference Centre

*Principles and Development of Biomarkers for the Musculoskeletal System*



### **R.I. Harris Lecturer**

Stuart L. Weinstein, US

Thursday, June 21, 15:30  
Plenary Hall; Lecture Theatre, Level 1  
Victoria Conference Centre

*Healthcare Reform in the USA;  
The Promise and the Reality*



## SOCIAL ACTIVITIES AT-A-GLANCE

Detailed social program available at [www.coa-aco.org/annual-meeting-2018/](http://www.coa-aco.org/annual-meeting-2018/)

<b>WEDNESDAY</b>		
19:00	President's Welcome Reception	<b>Exhibit Hall</b>

<b>THURSDAY</b>		
8:30-10:30	Hospitality Suite for families & guests	<b>Bengal Room, Empress Hotel</b>
9:00-12:00	Whale Watching \$90pp	<b>Visitors Info Centre (8:30 check in)</b>
18:30	COA Past Presidents' Dinner <i>(invitation only)</i>	<b>Crystal Ballroom, Empress Hotel</b>

<b>FRIDAY</b>		
8:30-10:30	Hospitality Suite for families & guests	<b>Bengal Room, Empress Hotel</b>
18:00	COA Crystal Garden Gala \$125 adults; \$50 children under 12	<b>Crystal Garden, VCC</b>

<b>SATURDAY</b>		
8:30-10:30	Hospitality Suite for families & guests	<b>Bengal Room, Empress Hotel</b>
10:30-14:30	Winery Tour: Tastings & Lunch \$42pp	<b>Meet in Empress Lobby</b>

Please note that there are **NO** shuttles for the Gala Friday night, the venue is across the street from the main entrance of the VCC.



# *Notes & Ideas*



## Canadian Orthopaedic Residents' Association Annual Meeting

Fairmont Empress Hotel, Crystal Ballroom

To view all CORA abstracts, please visit <http://coa-aco.org/residents-cora/cora-annual-meeting-abstracts/>

**10:00 Registration Opens**

**New this year! COA Discussion Session:**

**10:30-11:30 Gender, Leadership and Life Balance: Roundtable Discussion on Issues Facing Junior Orthopaedic Surgeons**

• Bengal Room, Empress Hotel, Lobby Level

*Moderator:* Laurie A. Hiemstra, AB

Discussion Facilitators:

- Laurie A. Hiemstra, AB
- Kate Ball, BC
- Olivia Cheng, ON

This roundtable session will discuss the current status and needs of the female Canadian orthopaedic surgeon with regards to gender diversity and leadership. This interactive session will involve both junior and senior members who are interested in diversity, looking at ways to improve the support, advocacy and mentoring of women and minorities in the orthopaedic profession in Canada.

This session is meant to be inclusive, and to encourage open dialogue within the specialty. **All interested are welcome to attend and contribute.** The goal is to gather information, through networking, that will guide these discussions over the next few years. This will be one component of the platform on which we plan a more comprehensive and organized program for next year's COA Annual Meeting, and for the years to come.



Learning Objectives:

1. Increase awareness of gender issues and diversity in Canadian orthopaedics.
2. Discuss how to encourage and support leadership roles for females in Canadian orthopaedics.
3. Determine the barriers to gender equality and diversity in Canadian orthopaedics.
4. Outline unique challenges facing female orthopaedic surgeons.
5. Identify existing information gaps and how to fill them.
6. Determine future priorities for the COA with regards to the issue of gender diversity and leadership.
7. Examine practical issues of family/work balance.

11:00-12:00 **CORA Poster Setup**

12:00-12:15 **CORA Opening Remarks, Ortho Job Market Address by COA President, Kevin Orrell**

12:15-13:05 **Resident Paper Session 1**  
*Moderators: Kelly Lefavre, Danny Goel*

CORA 01 12:15-12:25

**The Role of Subscapularis Repair in Reverse Shoulder Arthroplasty - a Meta-analysis and Systematic Review**

- Graeme Matthewson, University of Manitoba

CORA 02 12:25-12:35

**Is Patient Satisfaction in Arthroscopic Shoulder Surgery Improved by Personalized Patient Videos? A Randomized Control Study**

- Laura Sims, University of Saskatchewan

CORA 03 12:35-12:45

**Increased Risk of Revision Surgery Associated with Arthroscopic Compared to Open Rotator Cuff Repair: A Population-based Cohort Study of 37,255 Repairs with Follow-up of 13 years**

- Jonathan Peck, University of Toronto

CORA 04 12:45-12:55

**Dynamic Deformation of the Femoral Head Occurs on Weight Bearing in Early Fragmentation of Perthes Disease**

- Ryan Lohre, University of British Columbia





CORA 05 12:55-13:05

**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**

- Sebastian Ko, University of British Columbia

13:05-13:50 **Lunch and Poster Viewing**

13:50-15:10 **Resident Paper Session 2**

*Moderators: Kelly Lefavre, Danny Goel*

CORA 06 13:50-14:00

**Musculoskeletal Ultrasound Curriculum for Orthopaedic Surgery Residents**

- Samuel Larrivé, University of Manitoba

CORA 07 14:00-14:10

**Responsiveness of Injury Specific and Generic Functional Outcome Measures in Distal Radius Fractures**

- Amar Cheema, University of British Columbia

CORA 08 14:10-14:20

**Conventional Follow-up versus Mobile App Home Monitoring for Post-Operative ACL Reconstruction Patients: A Randomized Controlled Trial**

- Graeme Hoyt, University of Toronto

CORA 09 14:20-14:30

**Perceived versus True Glenoid Anchor Placement: A Cadaveric Comparison of the Beach Chair and Lateral Position**

- Benjamin Jong, University of British Columbia

CORA 10 14:30-14:40

**Cement Waste During Primary Total Knee Arthroplasty and its Effect on Cost Savings**

- James Yan, McMaster University

CORA 11 14:40-14:50

**Factors Associated with an Increased Risk of Developing a Post-operative Infection Following Spine Surgery**

- Mina Aziz, University of Manitoba



CORA 12 14:50-15:00

**Shoulder Physiotherapy Exercise Classification and Monitoring: Machine Learning the Inertial Signals from a Smartwatch**

- David Burns, University of Toronto

CORA 13 15:00-15:10

**Magnetic Resonance Imaging Assessment of Acute Achilles Tendon Rupture Healing in Nonoperative Patients**

- Alicia Kerrigan, Western University

15:10-15:30 **Coffee Break and Poster Viewing**

15:30-16:50 **CORA Symposium: Staying on the Leading Edge of the Changing Field of Orthopaedic Surgery**

*Moderators:* Amar Cheema, David Stockton

15:30-15:50 *The Surgeon Expert: A Paradigm Shift in Surgical Education may be Virtual* • Danny Goel, University of British Columbia

15:50-16:10 *Clinicians' Role in Major Infrastructure Projects in Canadian Healthcare* • Kelly Lefavre, University of British Columbia

16:10-16:25 *Intimate Partner Violence: Change your Practice in One Hour* • EDUCATE Investigators, McMaster University

16:25-16:50 *Guideposts for Life in Orthopaedics* • Honourary Guest Lecturer, Stuart L. Weinstein, University of Iowa

16:50-17:15 **Bones and Phones Scholarship and CORA Best Paper Awards**

17:30-19:00 **COA Opening Ceremonies**

19:00-21:00 **COA President's Reception – an excellent networking opportunity for residents.**

20:00 **CORA Social Event – Bard & Banker Public House**

Tickets cost \$10 and include one drink and hors d'oeuvres (cash bar available). Purchase at Registration Desk.