

UBC Cardiology Research News

Reporting July - September 2019

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Message from Research Team

Dear Colleagues,

These are exciting times in the Division. The past months have brought continued achievements for many of our researchers. Both Chris Fordyce and Jackie Saw have received Michael Smith Foundation for Health Research salary awards for the next five years that can only further their research success.

Andrew Krahn has received CIHR Foundation Award, based on the incredible research program he has developed in the Inherited Arrhythmia field. The Foundation Award will undoubtedly ensure that the Inherited Arrhythmia research program at UBC will continue to provide national and international leadership in the field.

Many of our recent academic successes as a Division have been, at least in part, due to the investment in enhanced Divisional resources for researchers. This investment from the Cardiology Academic Practice Plan, allowed the hiring of Vishaldeep Sidhu just over a year ago. This first step towards increasing the research infrastructure for us all has begun to pay dividends.

The big question for our Division is how we capitalize on this success and use it to create the best academic environment for the future? Can we build better infrastructure to allow our investigators to flourish?

As many of you are already aware, David Wood is spearheading the Centre for Cardiovascular Innovation (CCI). Capitalizing on his success in securing clinical trial funding, the CCI aims to create a new and greatly expanded research centre for the Division. We are excited at the possibilities that lie ahead. The CCI will allow greater access to research infrastructure, not only for experienced researchers but for all Division members and trainees alike.

All in all, these are exciting times of academic growth for the Division and our hard work must continue to ensure our success as a group.

Sincerely

G.B. John Mancini

Director of Research, UBC Division of Cardiology

Marc Deyell

Associate Director of Research, UBC Division of Cardiology

Vishaldeep Sidhu

Research Manager, UBC Division of Cardiology

Awards & Distinctions

Andrade, Jason

Rising Star Achievement Award by
University of Ottawa-Alumni Distinction
Awards



Fordyce, Christopher

MSFHR 2019 Health Professional
Investigator Award



Grewal, Jasmine

Nominated as President for North
American Alliance of Research in
Congenital Cardiology and Co-Chair for
Canadian Pregnancy and Heart disease
Practice guidelines



Krahn, Andrew

CIHR Foundation Grant Award of \$3.9M
For 7 years



Saw, Jacqueline

MSFHR 2019 Health Professional
Investigator Award



Wood, David

Centre for Cardiovascular Innovation
(CCI) Approved as a VCHRI Research
Centre



Grants Awarded

Fordyce, C

"Out-of-hospital-cardiac arrest: care gaps and opportunities to improve long term survival" Total funds awarded- \$450,000. MSFHR HPI Grant Competition

Krahn, A

"Hearts in Rhythm Organization (HiRO): Improving detection and treatment of inherited heart rhythm disorders to prevent sudden death" Total funds awarded- \$3,958,013. CIHR Foundation Grant Competition

Mancini, GBJ

"Women's Ischemia Syndrome Evaluation (WISE) Mechanisms of Coronary Microvascular Dysfunction Leading to Pre-Heart Failure with Preserved Ejection Fraction (HFpEF)" Total funds awarded- USD 48,600. NIH Grant Competition

Saw J

"Canadian spontaneous coronary artery dissection study" Total funds awarded- \$450,000. MSFHR HPI Grant Competition

Wood D

"The COMPLETE trial: A randomized, comparative effectiveness study of complete versus culprit-only PCI to treat multivessel CAD in patients presenting with STEMI". Total funds awarded- \$14.3M.

Invited Presentations

Grewal, Jasmine

- "Risk Scores in Pregnancy and Heart Disease", "Assessing Risk of Dissection in turner Patients". Sept, 2019. International ACHD meeting, Washington DC.

Krahn, Andrew

- "Can We Trump Advanced Heart Failure, Once and For All?", "Challenges in lead extraction". ESC meeting, Paris, Sept 2019.
- "Family Evaluation After Sudden Death" University of Manitoba, Office of Continuing Competency and Assessment Annual Arrhythmia Day Sept 30, 2019.

Saw, Jacqueline

- "Management of SCAD", Boxhill Hospital, CV Grand Rounds, Melbourne, Aug 2019.
- "SCAD Update", "LAA closure: Where are we up to with the evidence?", "Management of complications with LAA closure", ANZET, Aug 2019.

- "SCAD Introduction, Epidemiology & Associated Conditions", "Diagnosis of SCAD on angiography", "PCI with SCAD, strategy and outcomes", VanSCAD, Vancouver, 2019.
- "Update on LAA Closure", Minneapolis Heart Institute Grand Rounds Sept 2019.
- "A Woman's Perspective!: Minoca, SCAD, Takotsubo", "Case Presentation: A SCAD I Wish I Would Have Left Alone!", "Complications of PFO Closure: Just the Facts, Ma'am", "SCAD: Indications and Results of Coronary Revascularization ", TCT San Francisco, Sept 2019.

Wood, David

- "Benefits of Balloon Expandable Valves in TAVR", "Valve-in-Valve Procedure: Device Selection and Outcomes". Chicago Endovascular Conference (CVC), Chicago, July 10, 2019.
- "Pearls from Paris ESC-2019. A BC Perspective - COMPLETE". UBC Division of Cardiology, Vancouver, Sept 9, 2019.
- "COMPLETE", Grand Rounds, Kelowna General Hospital, Sept 19, 2019.
- "Minimalist TAVR for Everyone: Safe, Efficient, and Cost-Effective", "Large-Hole Transfemoral Closure III: The MANTA Device", TCT, San Francisco, September 27, 2019.
- "COMPLETE Timing Substudy: A Randomized Trial of Complete Staged Revascularization vs. Infarct Artery PCI Aline in Patients with Acute Myocardial Infarction and Multivessel Disease – Importance of Revascularization Timing", Late Breaking Science, TCT, San Francisco, September 28, 2019.

Upcoming Grant Competitions

VCHRI ITA Award

~ 2 months

MSFHR Scholar award

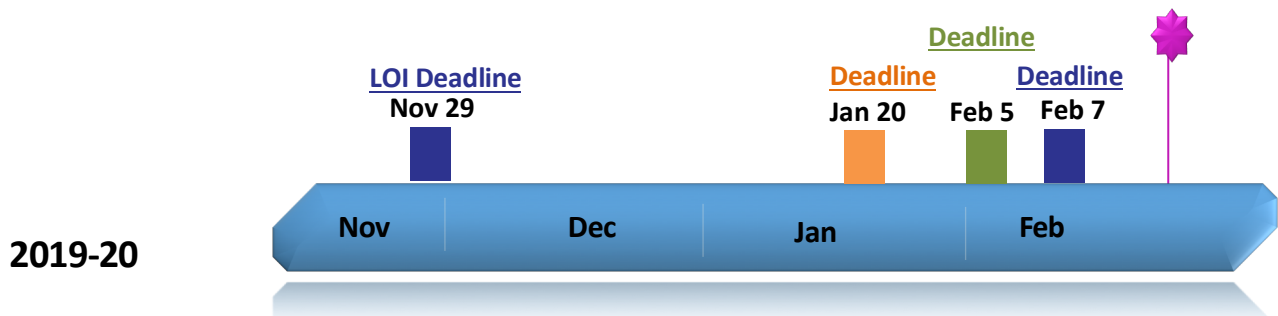
~ 3 months

CIHR Project Grant

~ 3 months

MSFHR HPI Award

~ 3 months



PUBLICATIONS

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