

**MEDG 545 – JOURNAL CLUB**  
**CURRENT TOPICS IN MEDICAL GENETICS RESEARCH 2017W**

**MEDG 545** is a 3-credit, **two-term** elective course with the format of a Journal Club. The purpose of this course is to assist students to learn to critically evaluate scientific literature and to hone their general presentation skills. Unlike other courses, participation in a Journal Club includes post-doctoral fellows (post-docs), faculty and staff. Students registering for MEDG 545 have their choice of Journal Clubs with different themes and at different locations. Students taking the course for credit are expected to continue to attend a Journal Club throughout their time as a graduate student. Non-Medical Genetics students are welcome to take MEDG 545. If space is limited, priority will be given to the students in the Medical Genetics Graduate Program.

First year students must obtain permission via email from the coordinator of their selected journal club and forward that email to Cheryl Bishop: [medical.genetics@ubc.ca](mailto:medical.genetics@ubc.ca). Non-MEDG students must also submit a "[Permission to Register](#)" form to the Medical Genetics Program Office.

### **GENETIC VARIATION & HUMAN DISEASE**

**Faculty:** Dr. Jan Friedman, Dr. Alison Elliott, Dr. Anna Lehman, Ms. Patricia Birch, Ms. Shelin Adam

**Location:** Children's & Women's Hospital (**C&W**), Room C331, 4500 Oak Street, Vancouver

**When:** **Every other Monday**

**Starting:** **September 18, 2017**

**Time:** **3:00 – 4:00 PM**

**Description:** This journal club discusses important recent literature as it pertains to the understanding of human genetic variation and disease. In particular, it focuses on the following:

- Current approaches to the identification of human genetic or genomic variation.
- Alterations of genomic structure, non-coding variation, and other unusual genetic mechanisms that lead to disease.
- Human evolution, population genetics, and other factors that affect human variation.

This is an interactive Journal Club. Students participating in this Journal Club for MEDG 545 credit are required to present at least once per term, to actively participate in the discussions, and to attend at least 90% of all sessions.

Journal Club Coordinator is Dr. Jan Friedman: [jan.friedman@ubc.ca](mailto:jan.friedman@ubc.ca).

For **all enquiries**, contact Hilal Al-Shekeili: [halshekaili@cfri.ca](mailto:halshekaili@cfri.ca).

### **2. EPIGENETICS IN DEVELOPMENT AND DISEASE**

**Faculty:** Drs. Louis Lefebvre, Matt Lorincz, Carolyn Brown & Molecular Epigenetics Group members

**Location:** Life Sciences Centre (**LSC**), Room 1.410, 2350 Health Sciences Mall, UBC Campus

**When:** **Every other Tuesday**

**Introductory & sign-in session:** **September 5, 2017**

**Starting:** **September 12, 2017**

**Time:** **4:00-5:00 PM**

**Description:** This Journal Club (JC) meets bi-weekly, alternating weeks with research presentations (wing talks) from the Molecular Epigenetics Group at the LSI and a monthly Epigenetics Seminar Series. Recent primary research articles related to all aspects of epigenetics, epigenomics, chromatin structure, and gene regulation are presented. Students taking the class for credit must present once each term. They are also expected to read the paper and any necessary background for the other JC presentations. Students are graded on their two presentations and on their participation and discussion during other JC presentations. A maximum of five students will be permitted to register each term, with preference given to students whose supervisors regularly attend this journal club.

Journal Club Coordinator is Dr. Louis Lefebvre: [louis.lefebvre@ubc.ca](mailto:louis.lefebvre@ubc.ca)