



THE UNIVERSITY
OF BRITISH COLUMBIA

Faculty of Dentistry

FEATURED LECTURE

Presented by: Dr MARY MACDOUGALL
Dean of Dentistry, UBC

**Probing the Bridge Between Dental
Oral Health & Genetics**

1.5 CE Hours

Friday, April 5 2:30 to 4:00 BALLROOM



Dr. MacDougall received her B.A. (Biochemistry Major and Theatrical Design Minor) in 1978 from the University of California at San Diego, and her Ph.D. (Craniofacial Biology) in 1984 from the University of Southern California. She commenced her professional research and teaching career at the University of Southern California. She then held a number of leadership roles at the University of Texas Health Science Center San Antonio: Director of the Research Division of Pediatric Dentistry (1993-1998), Founding Director of the Craniofacial Oral-Biology Student Training in Academic Research Program (CO-STAR) and the Dental-Student Training in Academic Research Program (D-STAR) between 1998 and 2005, and Associate Dean for Research from 1999-2005; she also served for one year as Interim Chair of Pediatric Dentistry. Since 2005, at the University of Alabama at Birmingham, Dr. MacDougall has founded a number of research training programs of which she continues to serve as Director. In addition, Dr. MacDougall is an internationally recognized scholar having published 18 book chapters and over 150 peer-reviewed articles. She has served as President of the International Association for Dental Research, as well as President of the American Association of Dental Research. Within these leadership roles she has gained significant senior management experience as a member of the senior management teams at the Department, Faculty, and University levels, and in external global collaborations.

OVERVIEW

With the many advances in human genetics, a more personalized approach is being envisioned for dentistry, termed 'Precision Dentistry'. This program explores some discoveries related to human dental genetic disorders and how they impact our understanding of normal tooth formation, patterning and structure.