To provide an overview of the organization of the brain and spinal cord, cranial nerves, branches, structure and their functions. To trace and understand motor and sensory pathways. Integrate this knowledge into clinical situations in dentistry.

**EDUCATIONAL OBJECTIVES**
- Understand dental pain causes and mechanisms of actions
- Learn how our brains are perceiving and processing pain
- To trace and understand pain pathways
- Integrate this knowledge into clinical situations in dentistry

**CLINICIAN**
MAHA AHMAD, PHD, teaches anatomy courses to dental, dental hygiene graduate students. Additional responsibilities include advising and mentoring students. She has received several teaching awards. Ahmad has many research interests including educational research, head and neck anatomy and salivary research. She received her Ph.D. in 2005 in Anatomy and Cell Biology from University of Illinois at Chicago. She joined the university in 2012.

**CANCELLATION POLICY**
Cancellations received up to 72 hours prior to the course will receive a 50% refund. No refunds will be given for cancellations received within 72 hours of the course. Please note that Zoom will allow you to cancel out of a Zoom event at any time, however, all cancellations for this course must be made directly with UBC in accordance with this UBC CDE cancellation policy. Continuing Dental Education at The University of British Columbia reserves the right to cancel courses or switch instructors if deemed necessary by low enrolment, instructor cancellation or other unforeseen issues. In case of course cancellation by UBC CDE a full refund will be issued.