



International Symposium: **The evolutionary history of the human face**

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CV

TIMOTHY G. BROMAGE

Professor Bromage directs the Hard Tissue Research Unit (HTRU), a mineralized tissue preparation and imaging technology development laboratory of the Department of Biomaterials and Biomimetics, NYUCD. Mineralized tissue biology with emphasis on its translation to environmental and evolutionary studies are key to many of Bromage's HTRU pursuits, which include microanatomical correlates of bone and tooth biomechanics, enamel and bone growth rate variability in respect to environmental perturbations, and the evolutionary history of the developing facial skeleton. Recently, he has reported on a hitherto unrecognized chronobiological rhythm in bone microstructure that corresponds to a previously observed but enigmatic enamel formation rhythm in mammals, establishing the basis for understanding how chronobiology and organismal life history evolution are integrated.