Subject Code CC 1. A Mechanism of Respiration, Respiratory volumes and capacities, transport of Oxygen and Carbon dioxide in blood, Dissociation curves and the factors influencing it, respiratory pigments; Carbon monoxide poisoning. Unit 3: Physiology of Circulation. 8. The University of California is the world’s leading public research university system. With 10 campuses, 5 medical centers, 3 national labs and a network of agricultural and natural resource centers, UC boasts large numbers of distinguished faculty and researchers in every field. Newsom’s budget provides $136.3 million of new ongoing support to the University of California, including $103.9 million to partly restore the $300.8 million in reductions made last year to UC.