OXIDATIVE PHOSPHORYLATION: STEPHISE OXIDATION CREATES A POUTON GRADIENT THAT IS HARNESSED TO MAKE ATP.

e LIKE TO CLIMB HILLS DU = mg Dh h-final - hinitial ALL THAT MATTERS IS CHANCE IN HEKHT, WHATEVER "Q" IS.

0.8151 02 -217 K)/mal (49 K)/W)

63 V CYTA 0.235 V (YTC\_\_ (16 K)/m1)

CYTOCHROME B 6.0771 0.045V UBIQUINONE FMN OV

Ø -0.315 V NADH

> HH+ UH+ I.M.S. 7 WH 02->H20 NMH NMT

WATRIX

BREAK UP STERS FOR COMPOL, ENDEGY CAPTURE, SAFETY.

INTERMOMBRANE SPACE

I

MATRIX

I M

C

thu much ENERLY IS STORED IN CRADIENT?

$$7H = 7.15 = 7.08 \in -8$$
  
 $pH = 7.80 = 1.58 \in -8$