

**Negative  
Endocrine System  
Feedback**

Hypothalamus in the brain gets the message that a hormone level is low

Blood level of a hormone falls below the normal level

Hypothalamus responds by sending releasing hormone

Releasing hormone send from the hypothalamus go to the pituitary gland which responds by releasing the stimulating hormone

Hormone blood level rises which causes the hypothalamus to shut off release of the stimulating hormone

Stimulating hormone from the pituitary gland stimulates the gland to produce its hormone