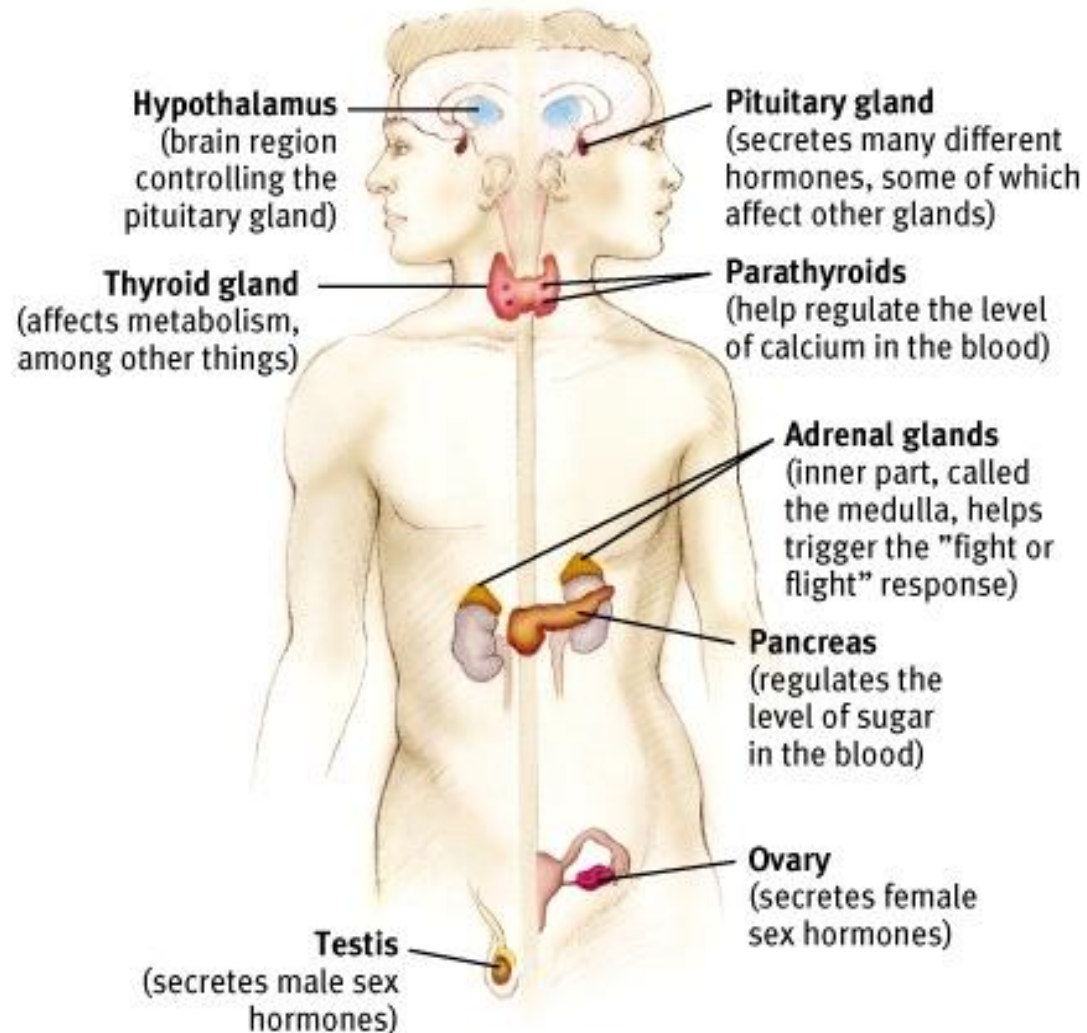
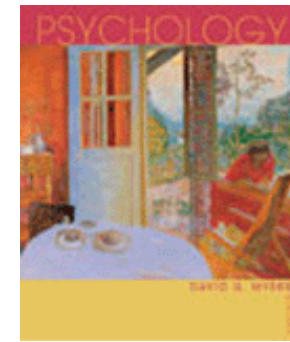
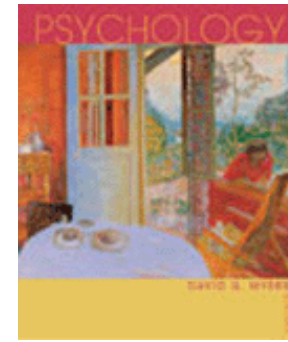


# The Endocrine System



- **Endocrine System**
  - the body's "slow" chemical communication system
  - a set of glands that secrete hormones into the bloodstream

# Neural and Hormonal Systems



- **Hormones**
  - chemical messengers, mostly those manufactured by the endocrine glands, that are produced in one tissue and affect another
- **Adrenal [ah-DREEN-el] Glands**
  - a pair of endocrine glands just above the kidneys
  - secrete the hormones epinephrine (adrenaline) and norepinephrine (noradrenaline), which help to arouse the body in times of stress
- **Pituitary Gland**
  - under the influence of the hypothalamus, the pituitary regulates growth and controls other endocrine glands