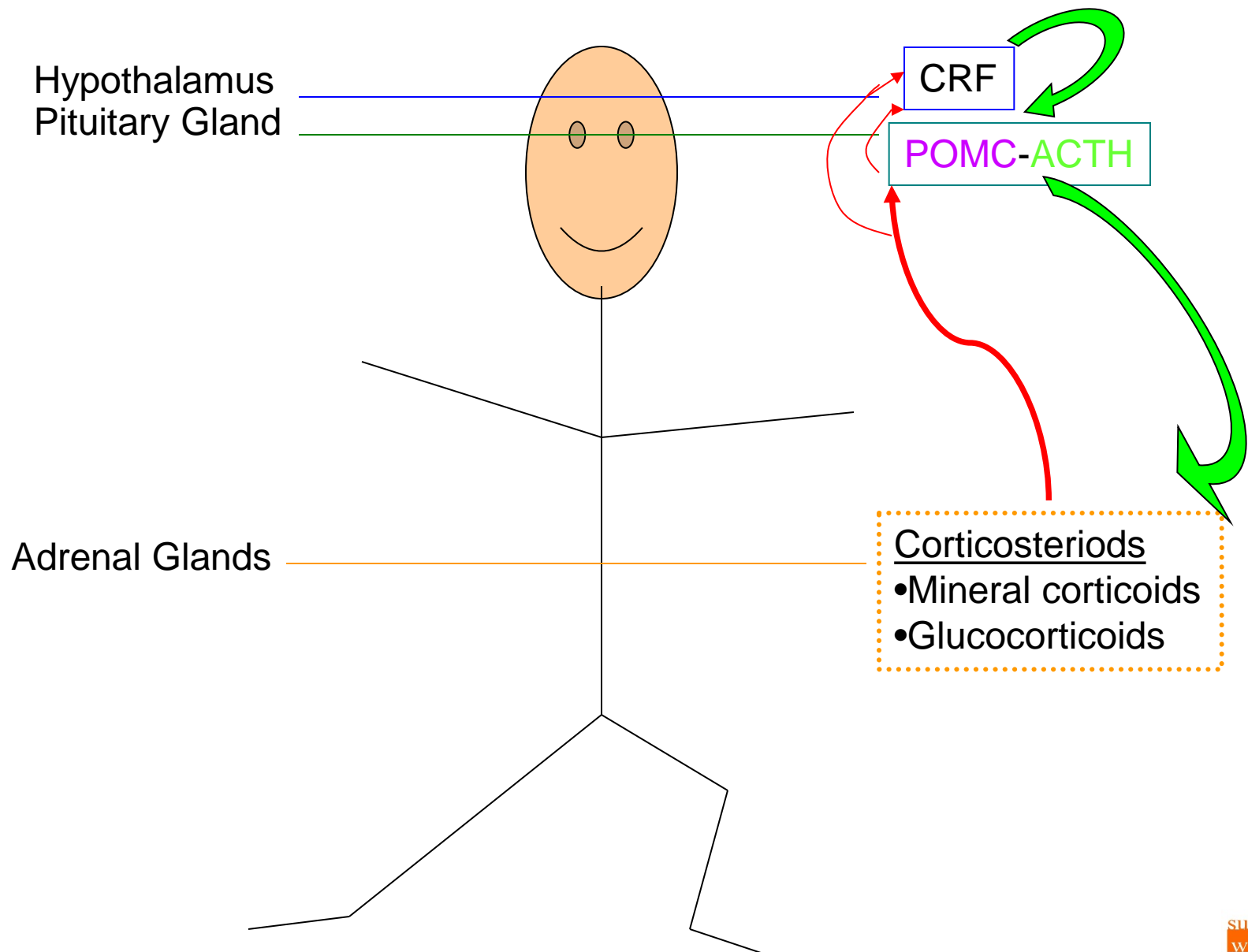
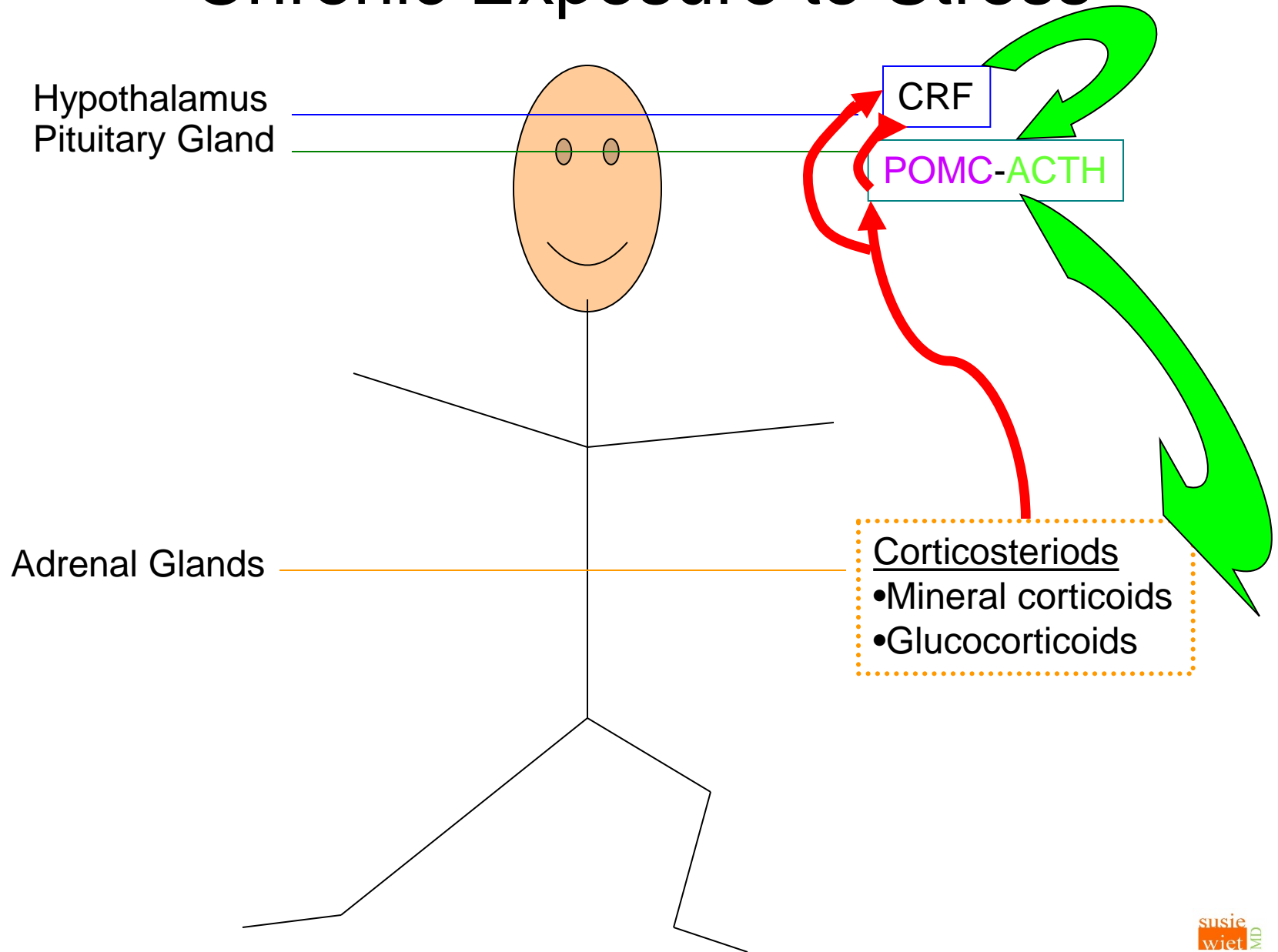
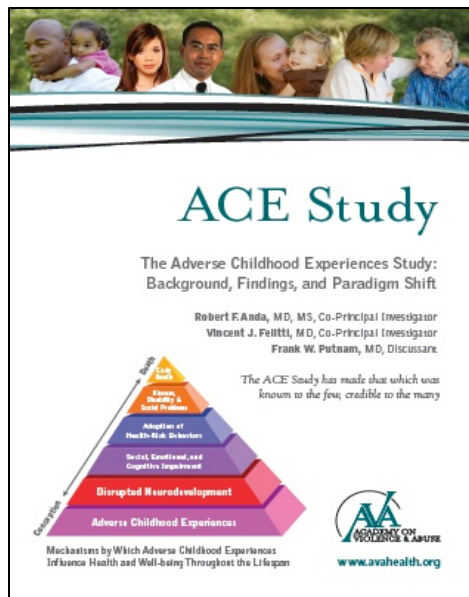


# Hypothalamic-Pituitary-Adrenal Axis



# Chronic Exposure to Stress





Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives, Protecting People™

- Alcoholism and alcohol abuse
- Chronic obstructive pulmonary disease (COPD)
- Depression
- Fetal death
- Health-related quality of life
- Illicit drug use
- Ischemic heart disease (IHD)
- Liver disease
- Risk for intimate partner violence
- Multiple sexual partners
- Sexually transmitted diseases (STDs)
- Smoking
- Suicide attempts
- Unintended pregnancies
- Early initiation of smoking
- Early initiation of sexual activity
- Adolescent pregnancy

# how early experiences alter gene expression and shape Development

