

MARGARET H. ROLLINS SCHOOL OF NURSING
 N-201 Nursing Care of Special Populations
 MENTAL HEALTH NURSING
Class Preparation #1

Directions: Fill in the charts below. Identify what mental health disorders can occur when each neurotransmitter is increased or decreased.

	Functions	Increase	Decrease
Dopamine	fine motor movements decision making controls hormone release	schizophrenia mania	Parkinson's depression
Norepinephrine	mood attention	flight or fight response	schizophrenia mania, anxiety
Serotonin	mood sleep hunger	pain aggression libido	anxiety
GABA	↓ anxiety mood	pain muscle relaxing properties	depression
Acetylcholine	memory mood stimulates PNS	schizophrenia mania, anxiety	depression
			Alzheimer's Parkinson's dementia Huntington's

Structures of the Brain

Brain Structure	Function
The limbic System	regulates emotions regulates behavior
Frontal Lobe	source of motivation
Parietal Lobe	memory, judgement, expressive speech
Temporal Lobe	sensory body & spatial awareness
Occipital Lobe	auditory reception where speech is interpreted
	vision reception