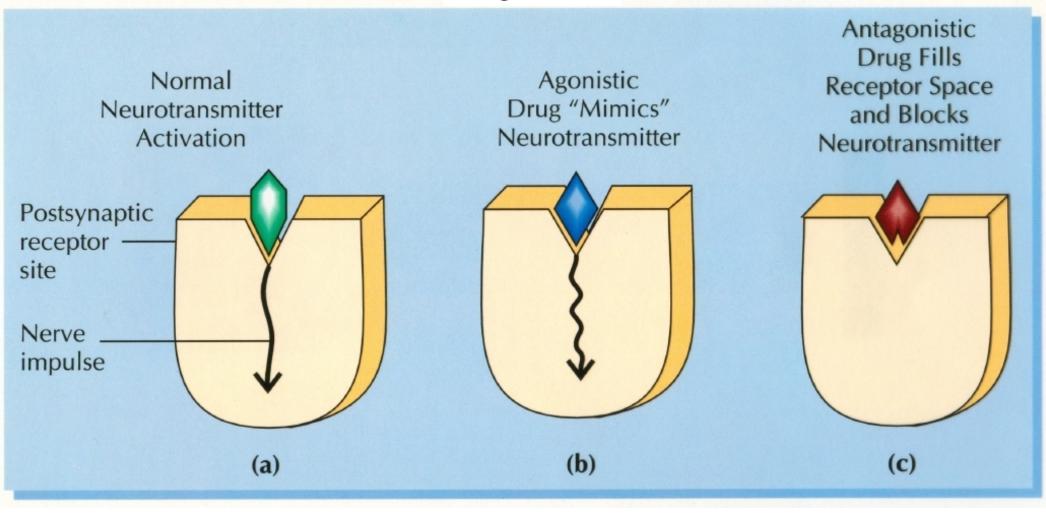
Drug Action



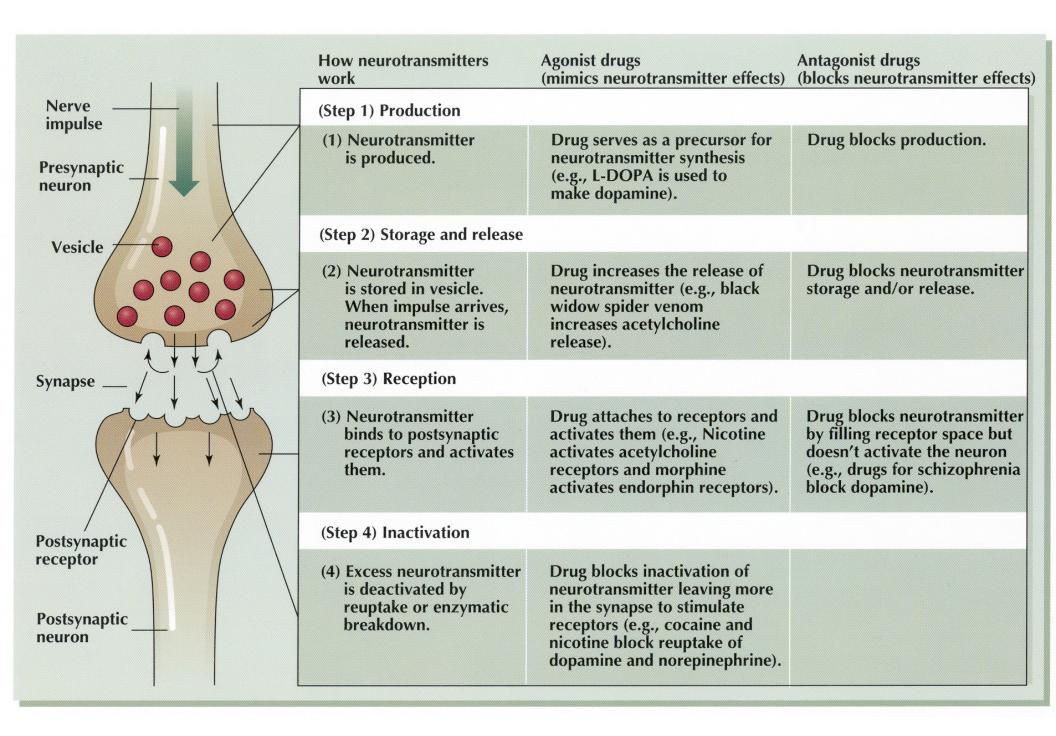
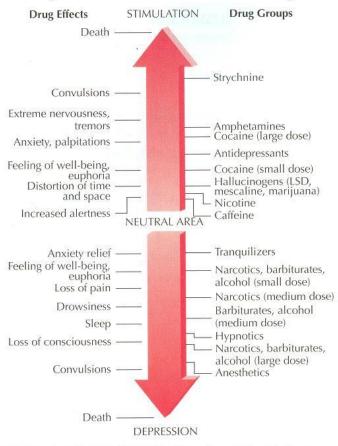


Table 15.2 DRUG THERAPY

Type of Drug	Psychological Disorder	Chemical Group	Generic Name	Brand Name
Antidepressant drugs	Severe depression (with suicidal	Tricyclic antidepressants	Imipramine Amitriptyline	Tofranil Elavil
B	tendencies)	MAO inhibitors	Phenelzine	Nardil
		Second generation	Tranylcypromine	Parnate
		antidepressants	Fluoxetine	Prozac
Antianxiety	Anxiety	Benzodiazepines	Chlordiazepoxide	Librium
drugs	disorders		Diazepam	Valium
		Glycerol derivatives	Meprobamate	Miltown
				Equanil
Antipsychotic	Schizophrenia	Phenothiazines	Chlorpromazine	Thorazine
drugs			Fluphenazine	Prolixin
			Thioridazine	Mellaril
		Butyrophenones	Haloperidol	Haldol
		Dibenzodiazepine	Clozapine	Clozaril
Mood stabilizer	Bipolar disorder	Antimanic	Lithium	Lithonate
drugs			carbonate	Lithane
				Eskalith

Psychoactive Drugs



Spectrum and continuum of drug action. Many drugs can be rated on a stimulation-depression scale according to their effects on the central nervous system. Although LSD, mescaline, and marijuana are listed here, the stimulation-depression scale is less relevant to these drugs. The principal characteristic of such hallucinogens is their mind-altering quality.

Psychoactive drug A substance capable of altering attention, memory, judgment, time sense, self-control, mood, or perception.

Stimulant A substance that increases activity in the body and nervous system.

Depressant A substance that decreases activity in the body and nervous system.

Physical dependence Physical addiction, as indicated by the presence of drug tolerance and withdrawal symptoms.

Withdrawal symptoms Physical illness and discomfort following the withdrawal of a drug.

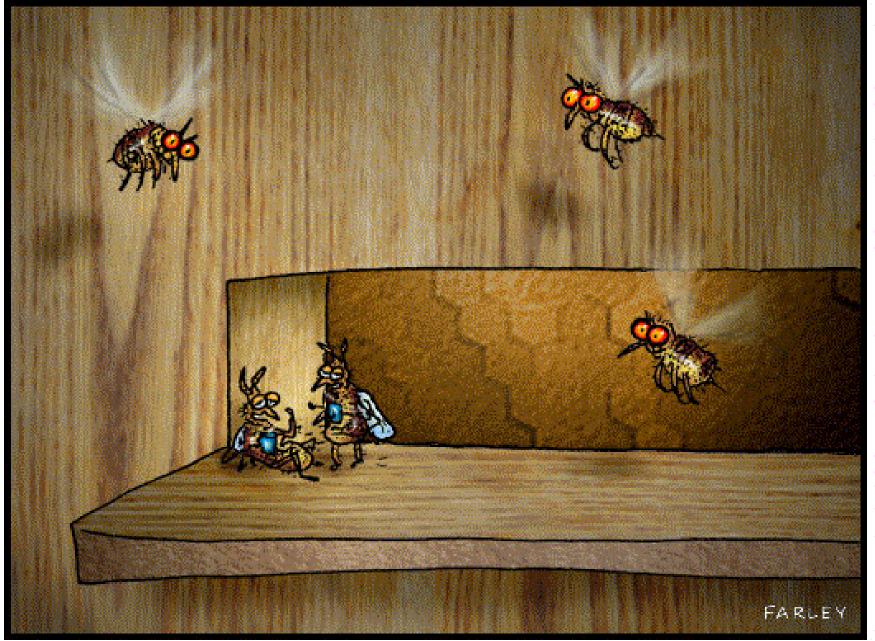
Drug tolerance A reduction in the body's response to a drug.

Psychological dependence Drug dependence that is based primarily on emotional or psychological needs.

Source	Standard Amount (mgs)
Beverages:	
Rockstar - Punched (16 oz)	120
Red Bull (12 oz)	115.5
Rockstar (16 oz)	80
Jolt (12 oz)	72
Mountain Dew (12 oz)	55
Diet Coke (12 oz)	45
Dr. Pepper (12 oz)	41
Coca-Cola Classic (12 oz)	34
Coffee (8 oz):	
Brewed	80-135
Instant	65-100
Decaf Brewed	3-4
Tea (8 oz):	
Ice tea	47
Brewed	40-60
Instant	30
Green tea	15
Chocolate:	
Hot cocoa (8 oz)	14
Chocolate milk (6 oz)	4
Chocolate bar (1 oz)	3-6
Medications (per tablet):	
Vivarin	200
No-doz	100
Midol - Maximum Strength	65
Anacin	32
Dristan	30

Adapted from: Center for Science in the Public Interest

DOCTOR FUN

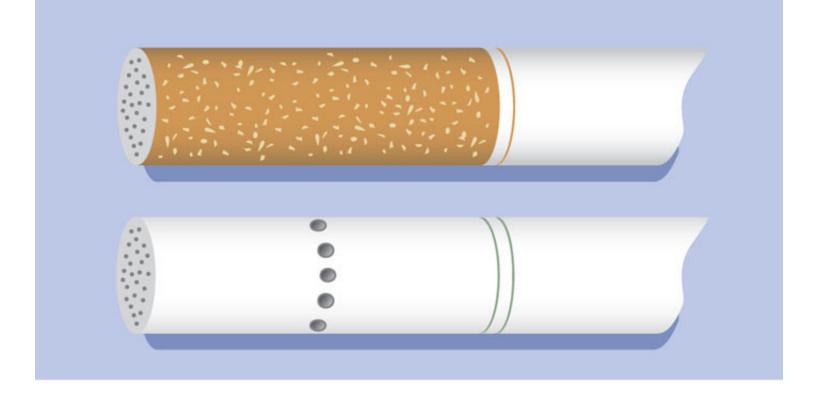


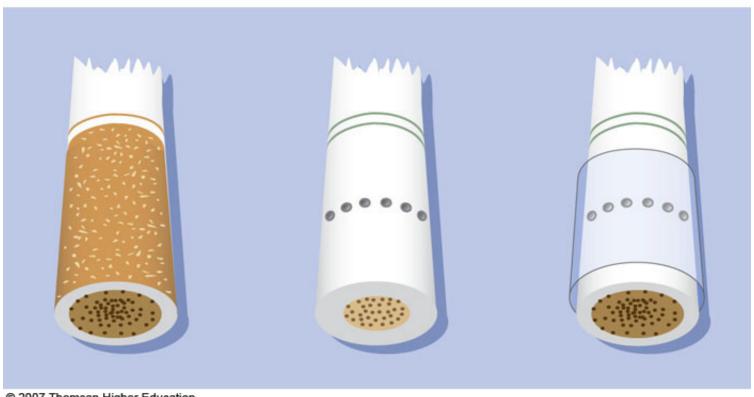
Copyright © 1997 David Farley, d-farley@tezcat.com http://sunsite.unc.edu/Dave/drfun.html

This cartoon is made available on the Internet for personal viewing only.

Opinions expressed herein are solely those of the author.

Bees that drink decaf





© 2007 Thomson Higher Education

THE GENTEEL DRUNKARD

SEPTEMBER 11, 1909

THREE CENTS THE COPY



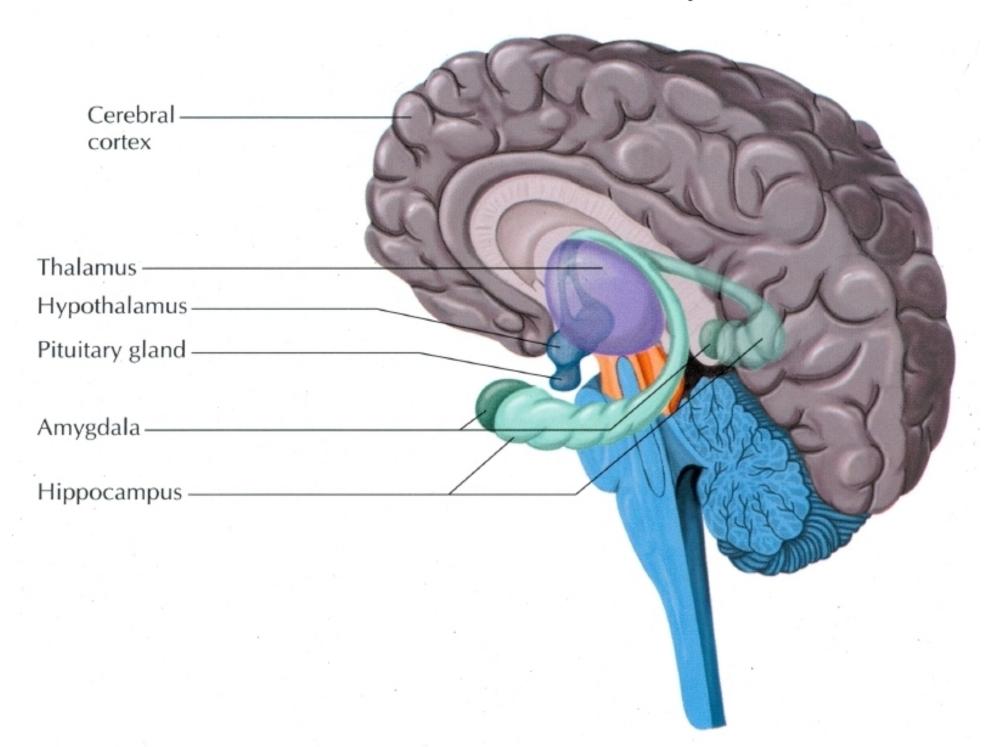
WHY BLENDING WHISKEYS WILL LEAD TO ANARCHY
BAN THE HATCHET! SAVE THE NATION!
SHOULD THE DRINKING AGE BE RAISED TO 13? NO!
JULES HOLLIS HANGING FROM A TRESTLE? YES!

>TABLE B-1 THE BEHAVIORAL EFFECTS OF BLOOD-ALCOHOL LEVELS

Levels of Alcohol in the Blood	Behavioral Effects	
0.05%	Feels good; less alert	
0.10%	Is slower to react; less cautious	
0.15%	Reaction time is much slower	
0.20%	Sensory-motor abilities are suppressed	
0.25%	Is staggering (motor abilities severely impaired); perception is limited as well	
0.30%	Is in semistupor	
0.35%	Is at level for anesthesia; death is possible	
.40% Death is likely (usually as a result of respiratory f		

Source: Data from Drugs, Society, and Human Behavior, 3d ed., by Oakey Ray, 1983, St. Louis, MO: The C. V. Mosby Co.

The Forebrain and Limbic System



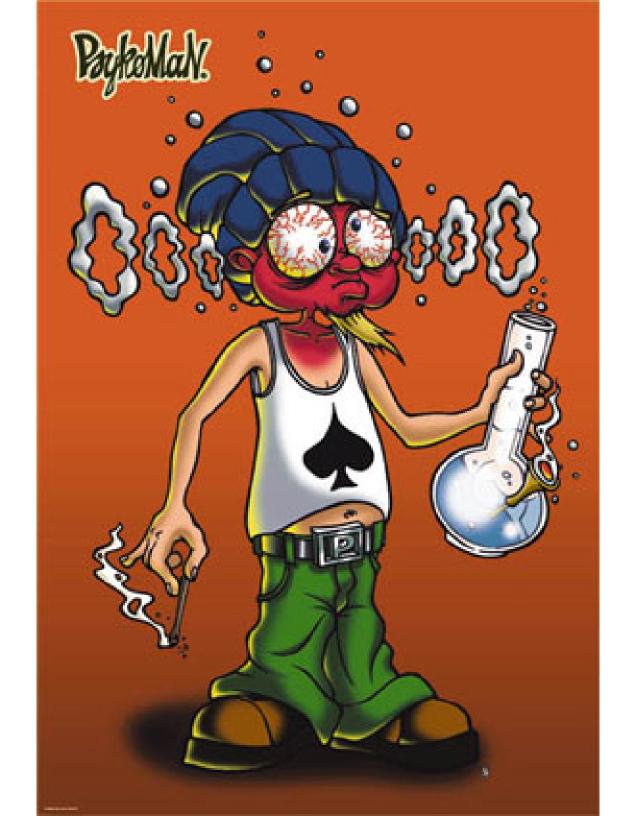
DOCTOR FUN



Before making his triumphant comeback, Frosty had to admit that he had a massive anti-freeze problem.

Copyright © 1997 David Farley, d-farley@tezcat.com This cartoon is made available on the Internet for personal viewing only. Opinions expressed herein are solely those of the author.

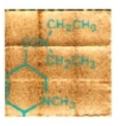




LSD Blotter Art



52y Front



52y Back



Ha



Beavis & Butthead Acid



Alice Back





Bill and Opus



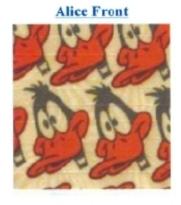
Misc Blotter



Chill Pill



Cycles



Daffy



Grateful Dead



Explorers



Hofmann



Daffy



Blotter



Blotter



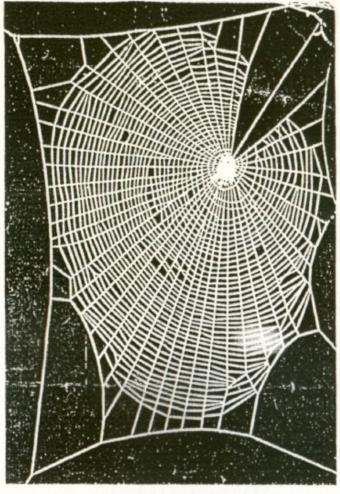
Blotter



Blotter



Mad Hatter



Normal net of Zilla-x-notata Cl. Nets made by this spider after consuming drug-dosed flies appear opposite.

that is only sometimes prompted by LSD. Shulgin remarks that under mescaline "There is a benign empathy shown to both inanimate and living things, especially to small things." Allen Ginsberg and others have suggested that mescaline—more than other psychedelics—produces a state of mind very receptive to the complex of benevolent attitudes expressed in Wordsworth's nature poems.

There haven't yet been any studies comparing effects from mescaline with those from peyote. The Church of the Awakening used both fairly extensively and characterized mescaline effects as "identical with those we had obtained through the use of peyote itself" (in John Aiken's words).

There are many reports about the effects of peyote and mescaline coming from people who have used these substances in remarkably different ways and in a multitude of settings: from use in experimental laboratories to



Typical bashish-inspired net.



Net after a high caffeine dose.

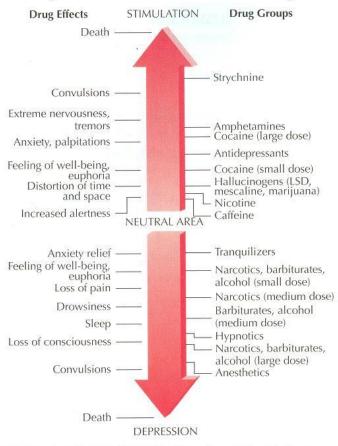


Net after about 0.04 mcg. LSD.



Net after mescaline sulfate dose.

Psychoactive Drugs



Spectrum and continuum of drug action. Many drugs can be rated on a stimulation-depression scale according to their effects on the central nervous system. Although LSD, mescaline, and marijuana are listed here, the stimulation-depression scale is less relevant to these drugs. The principal characteristic of such hallucinogens is their mind-altering quality.

Psychoactive drug A substance capable of altering attention, memory, judgment, time sense, self-control, mood, or perception.

Stimulant A substance that increases activity in the body and nervous system.

Depressant A substance that decreases activity in the body and nervous system.

Physical dependence Physical addiction, as indicated by the presence of drug tolerance and withdrawal symptoms.

Withdrawal symptoms Physical illness and discomfort following the withdrawal of a drug.

Drug tolerance A reduction in the body's response to a drug.

Psychological dependence Drug dependence that is based primarily on emotional or psychological needs.