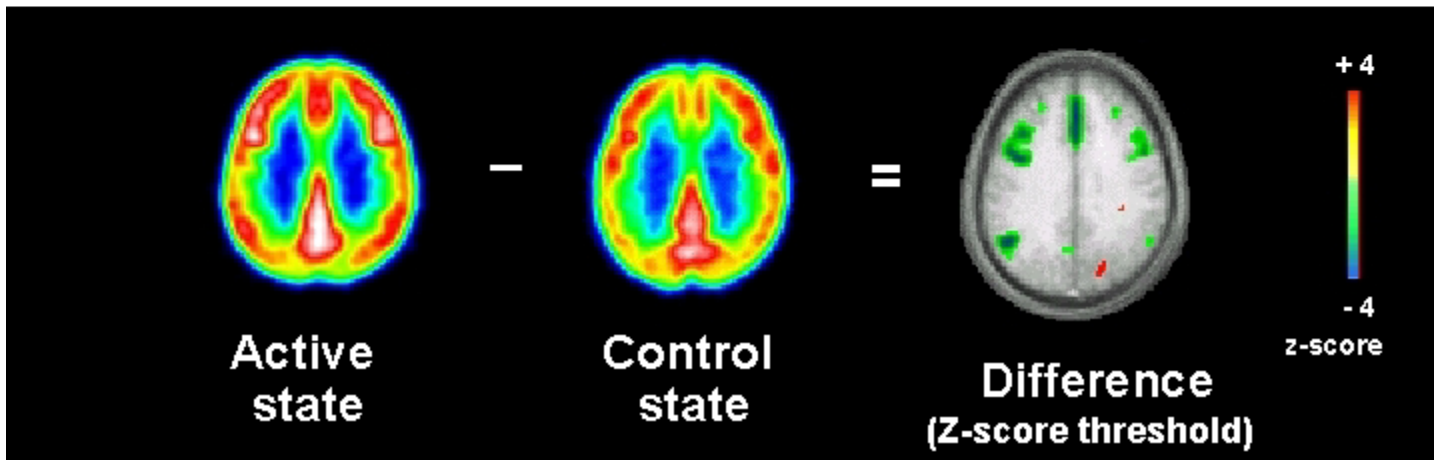
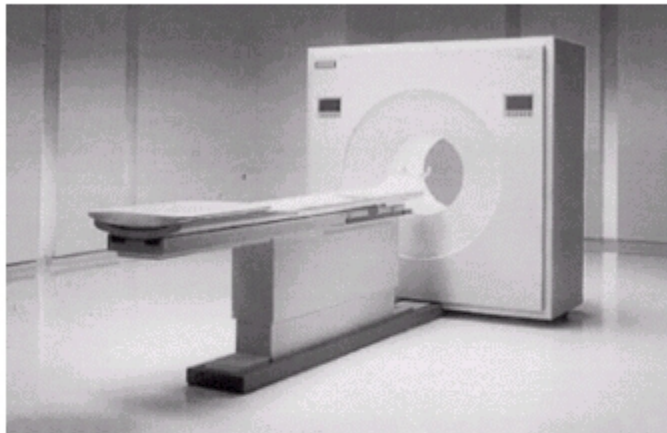
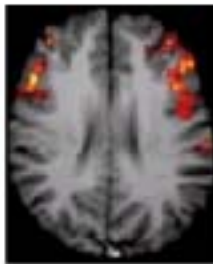
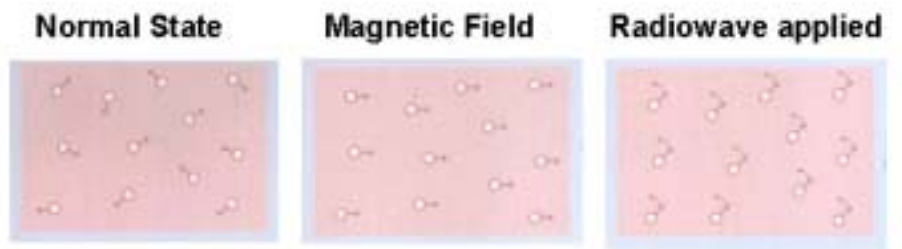
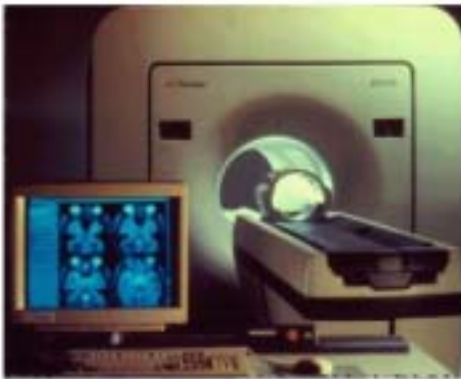


name: c02f001.eps  
date: 4/25/03  
size: 3047442  
font: None

# Positron Emission Tomography (PET)

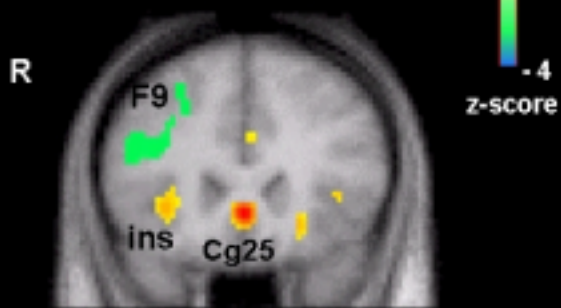


# Functional Magnetic Resonance Imaging (fMRI)

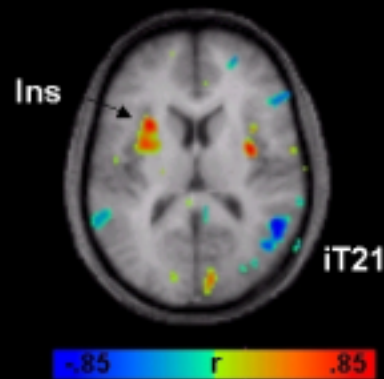
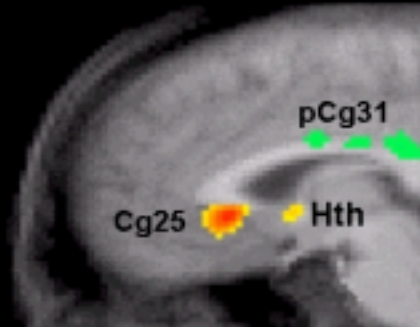
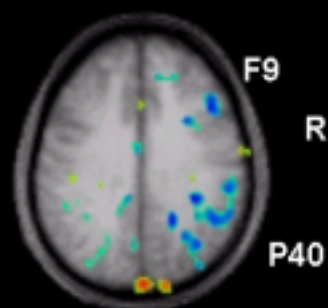


# Limbic-Cortical Changes in Normal Sadness

Sad vs. Neutral

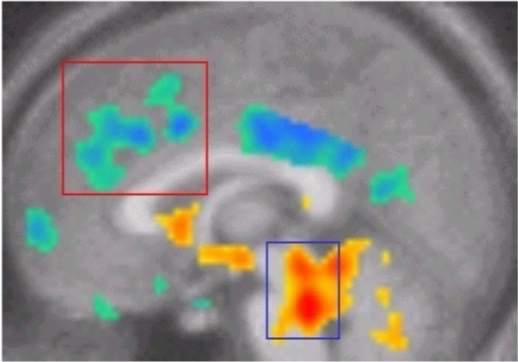


Sadness Intensity Correlations



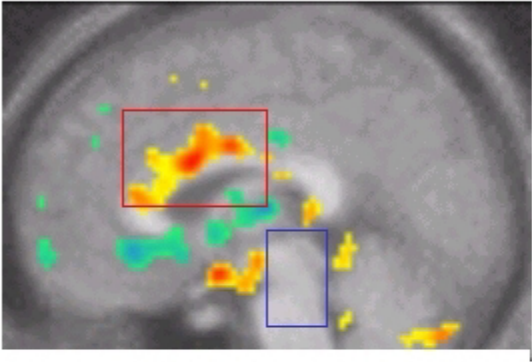
# Differential effects of CO<sub>2</sub> Stimulation and Air Hunger

**CO<sub>2</sub> Stimulation**  
CO<sub>2</sub> FM vs. O<sub>2</sub> FM

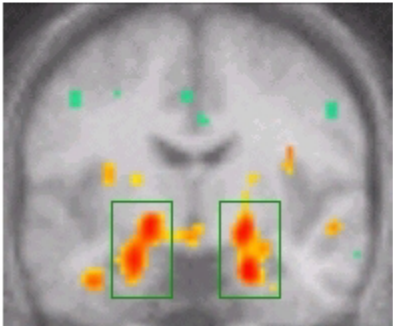


D ACg  
midbrain pons

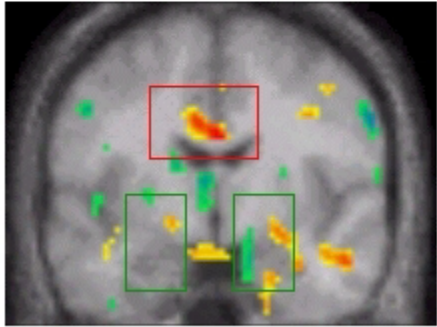
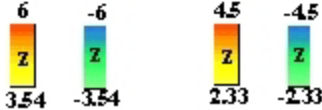
**Breathlessness**  
CO<sub>2</sub> FM vs. CO<sub>2</sub> MP



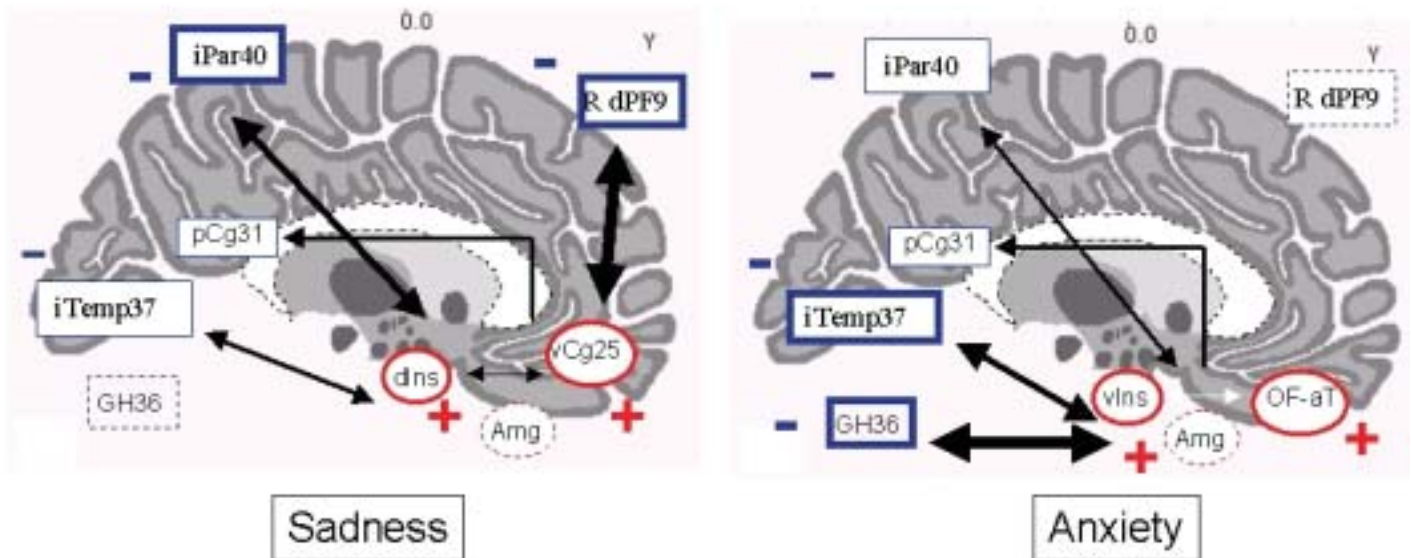
L



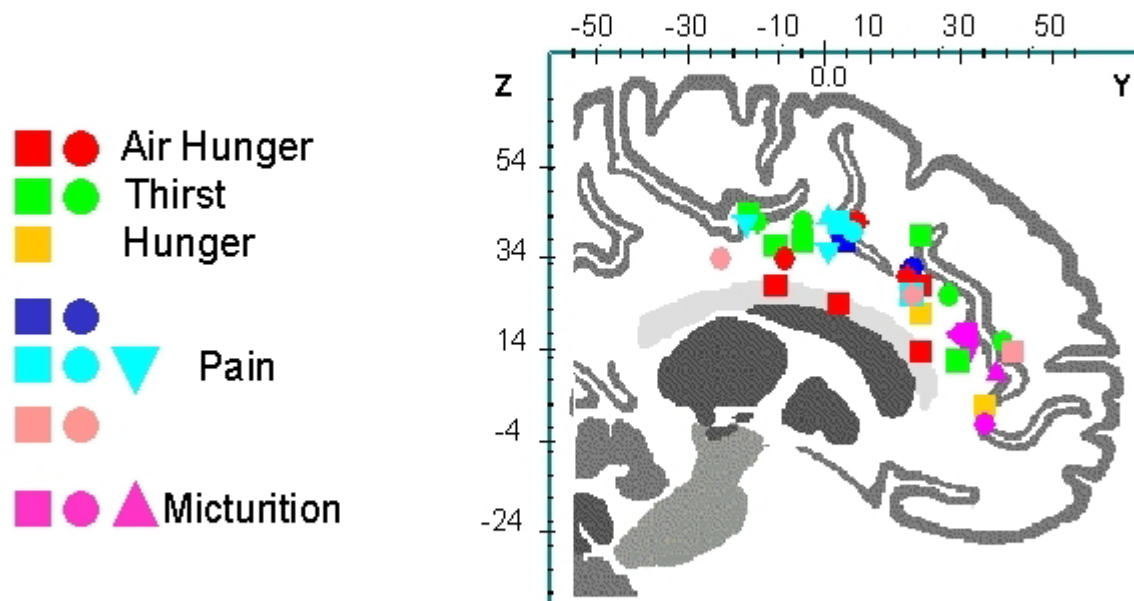
Amygdala



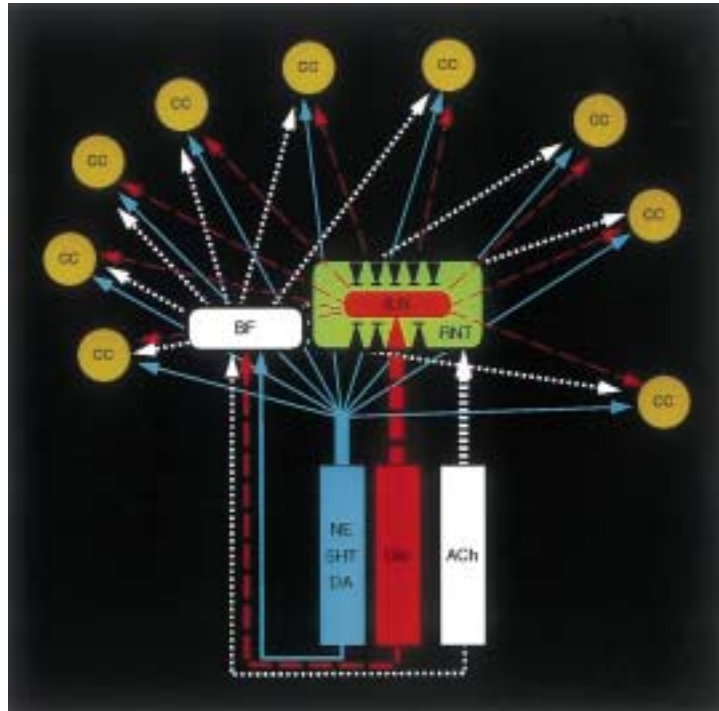
## Differential limbic-cortical networks for sadness and anxiety



## Colocalization in dorsal Cingulate Cortex Metanalysis of published studies of primary drives

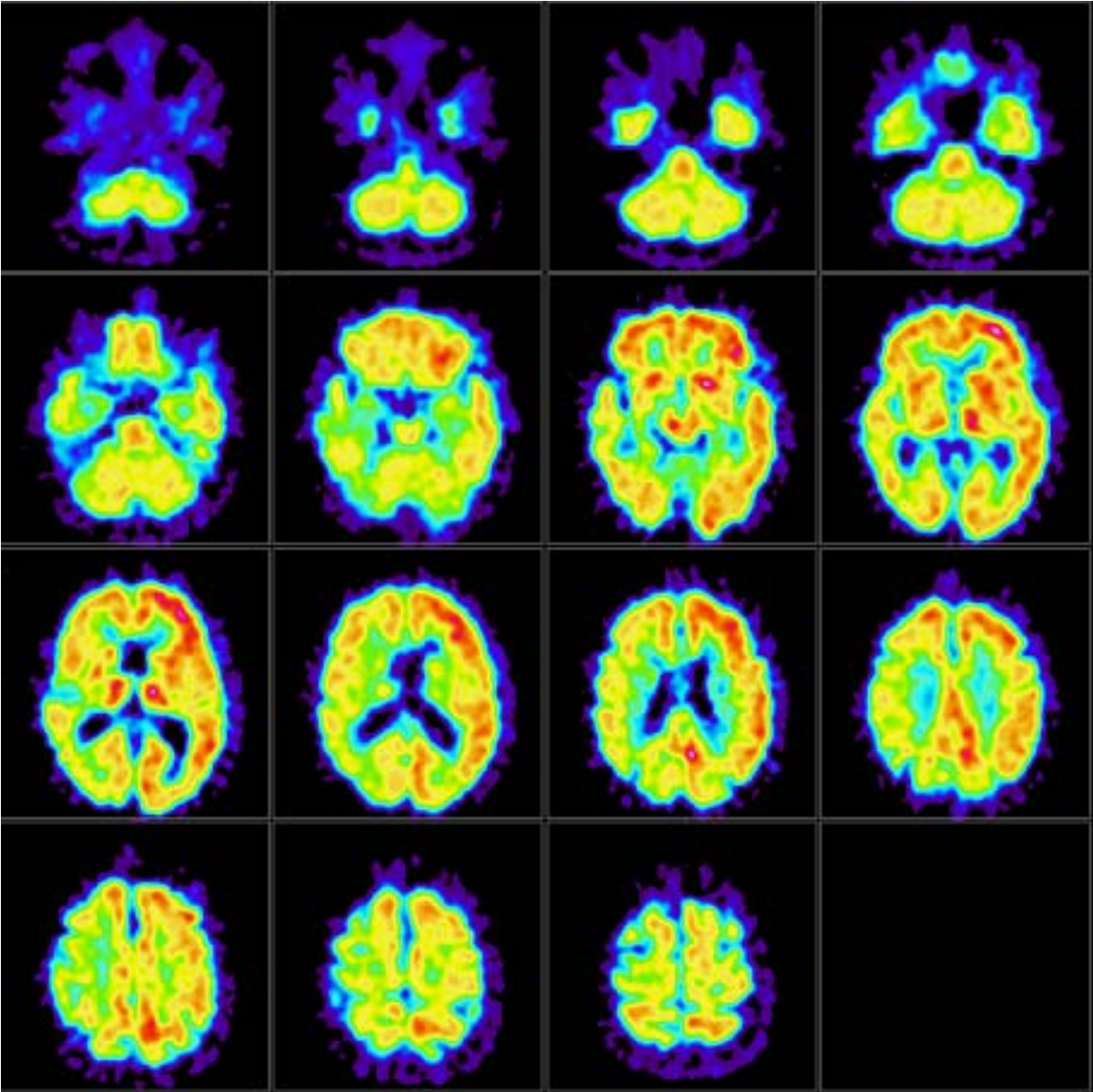


BrainMap Search and View software, Univ. of Texas at San Antonio

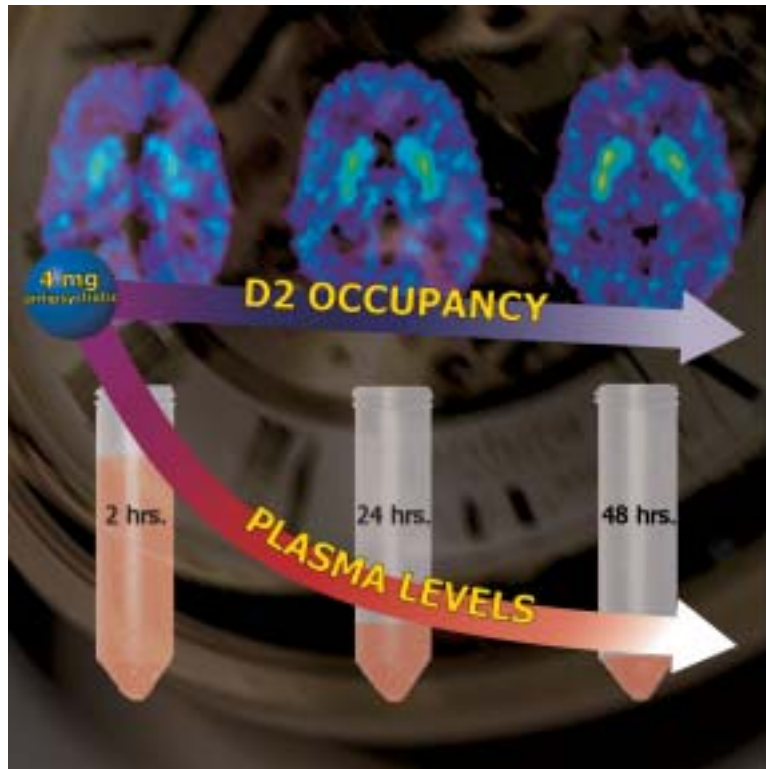


name: c03f001.eps  
date: 3/25/03  
size: 10235219  
font: None

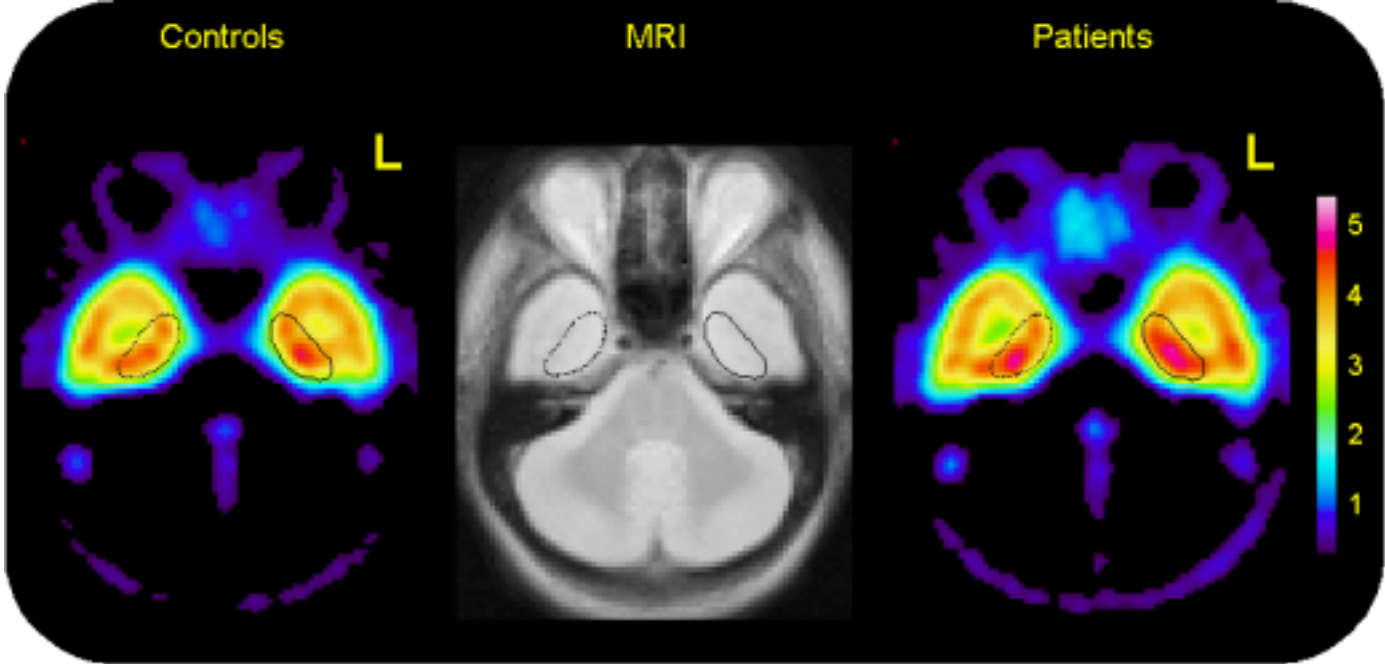




name: c06f001.eps  
date: 3/25/03  
size: 1721947  
font: None

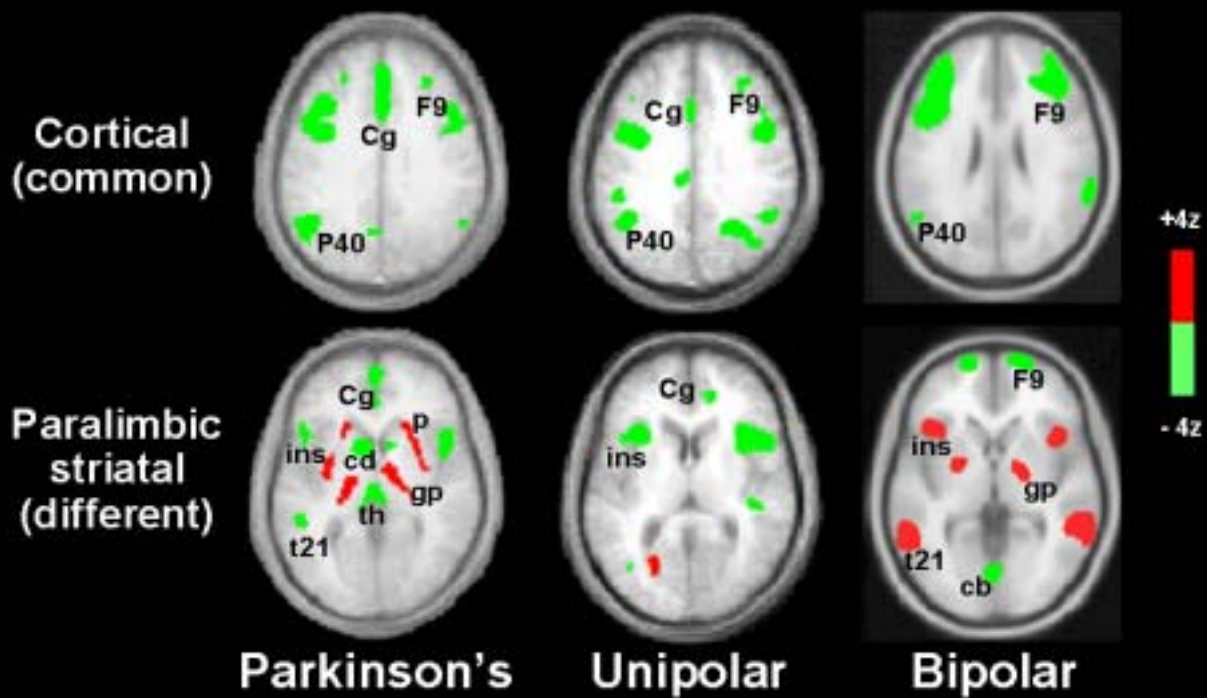


name: c06f002.eps  
date: 3/25/03  
size: 14866747  
font: None



name: c06f003.eps  
date: 3/25/03  
size: 2978077  
font: None

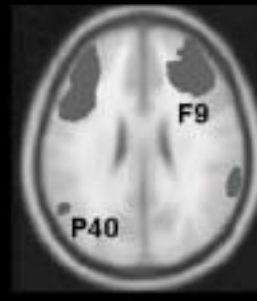
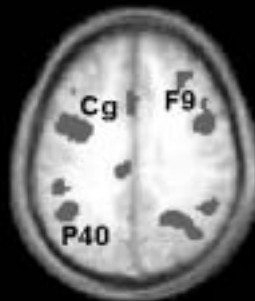
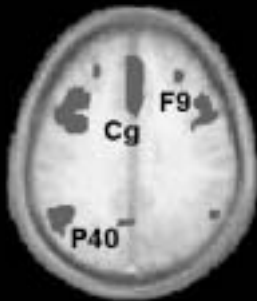
# Metabolic Abnormalities in Depression



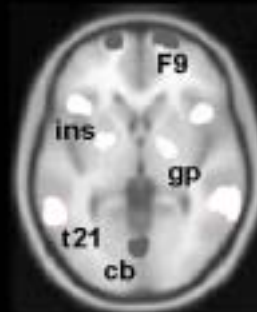
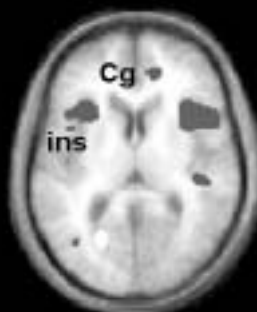
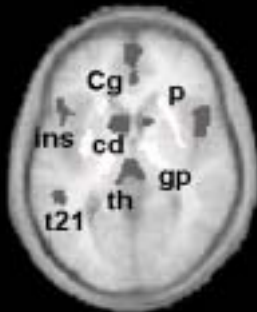
name: c07f003a.eps  
date: 4/9/03  
size: 5194302  
font: None

## Metabolic Abnormalities in Depression

Cortical  
(common)



Paralimbic  
striatal  
(different)



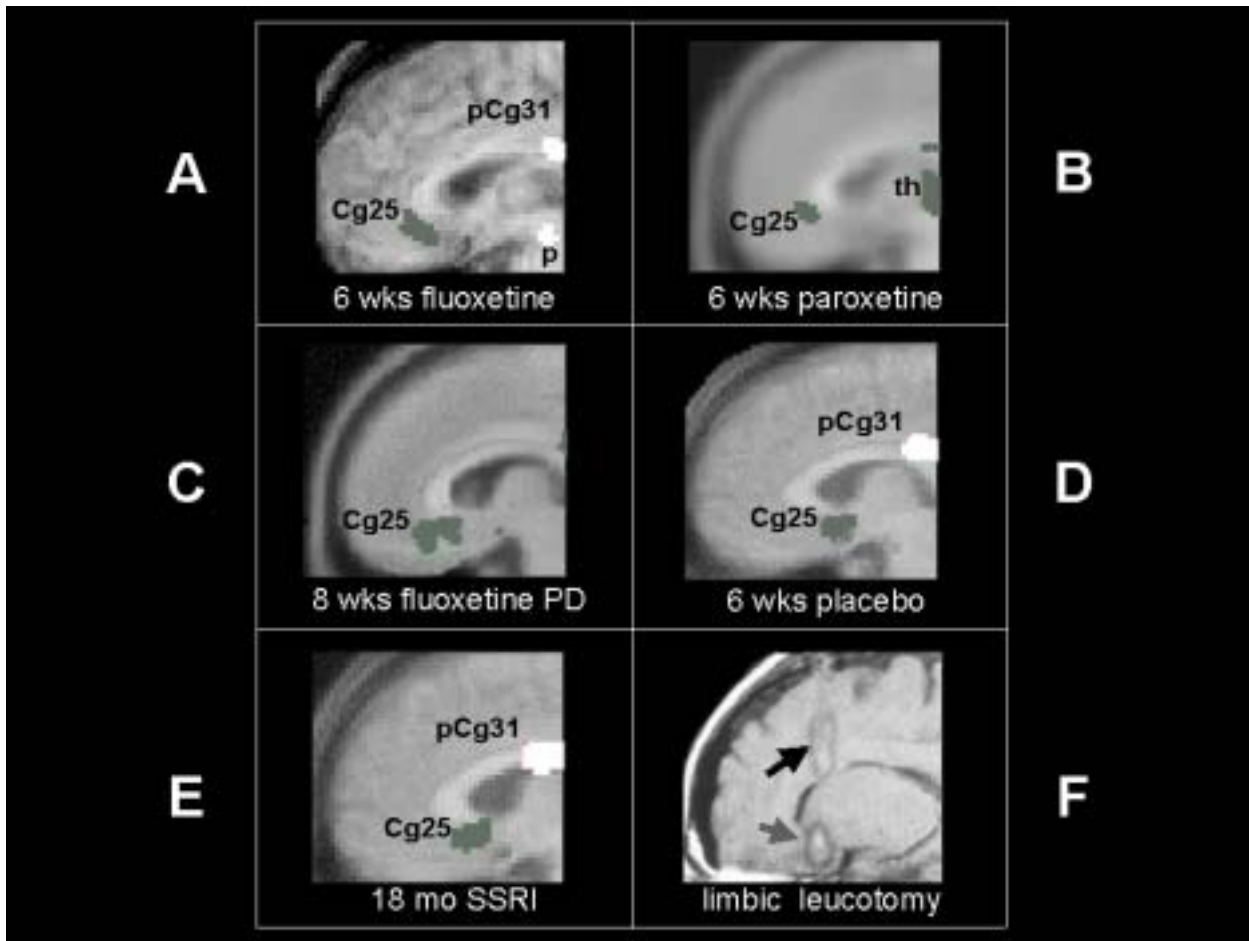
Parkinson's

Unipolar

Bipolar

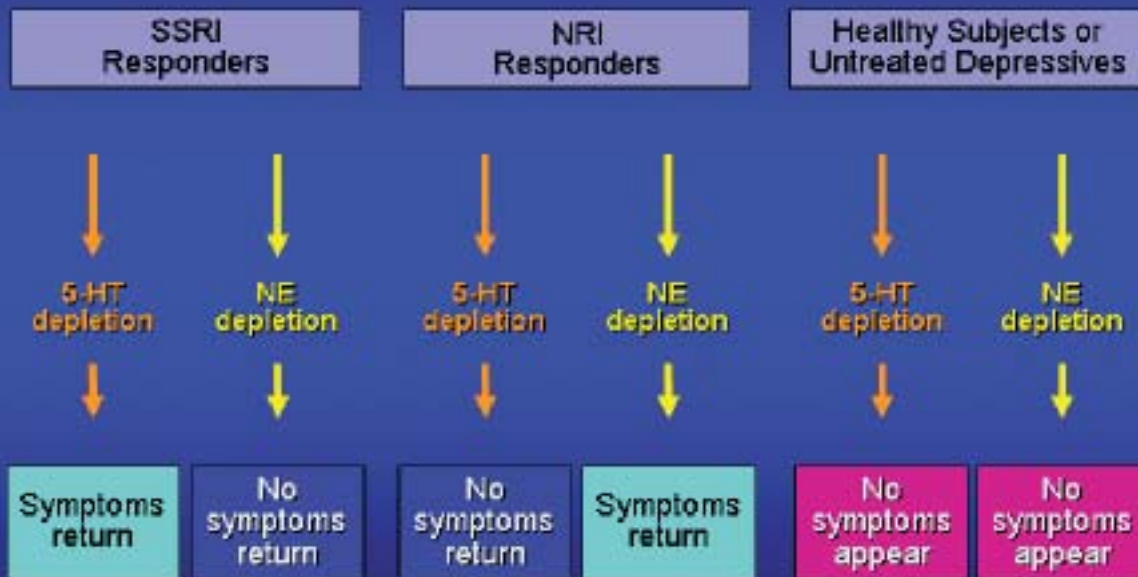
+4z

-4z

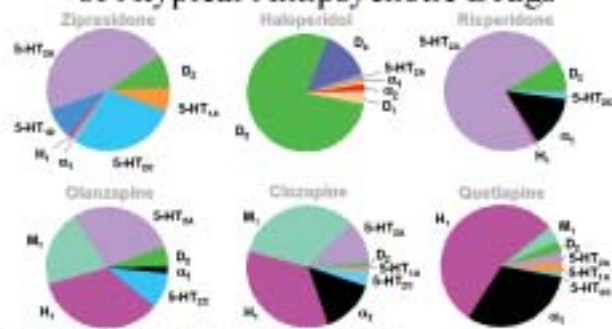


name: c07f004b.eps  
date: 4/9/03  
size: 5192786  
font: None

# Neurotransmitter Depletion Studies

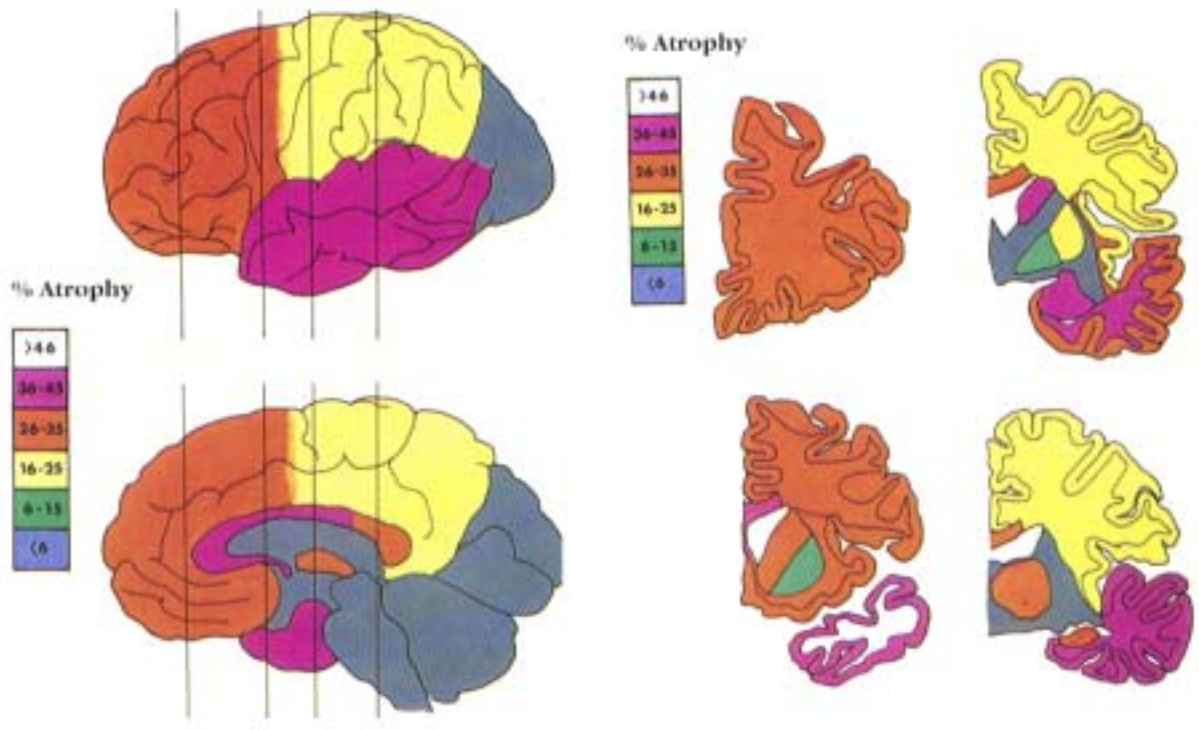


## Comparative Pharmacology of Atypical Antipsychotic Drugs

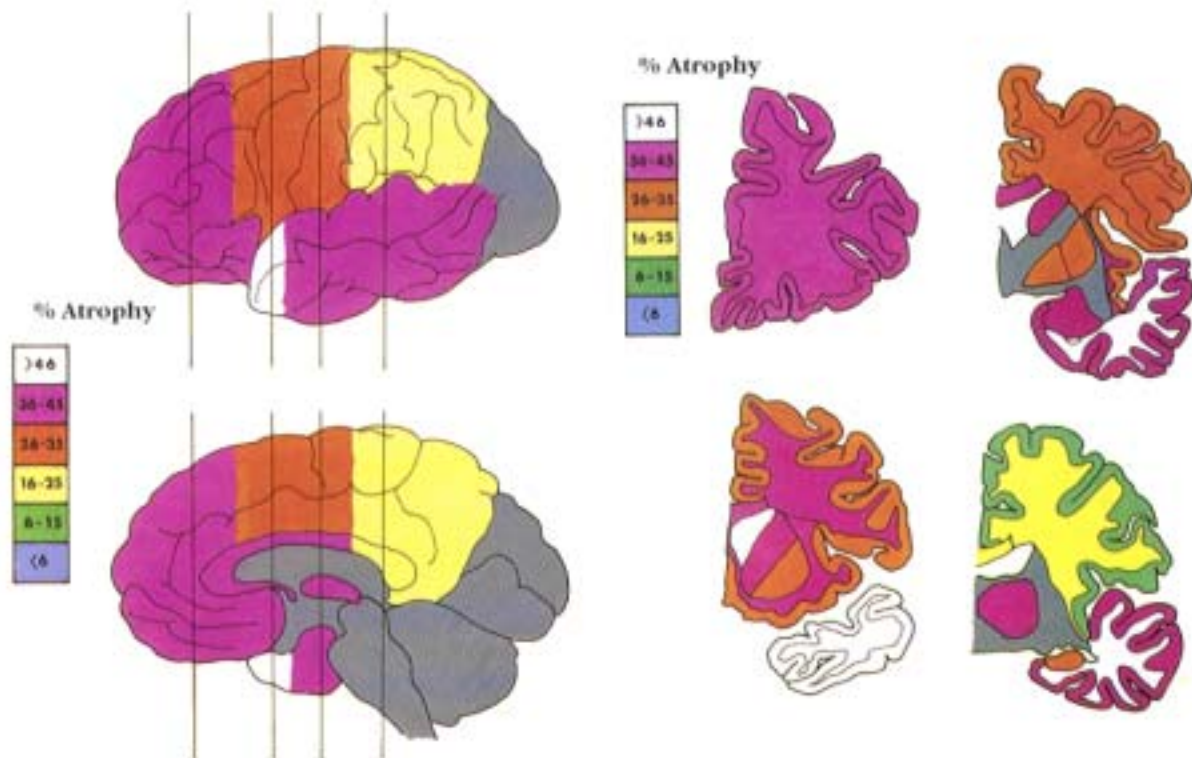


Adapted from: Schmidt et al. *Soc Neurosci Abstr.* 1998;24(2):2177

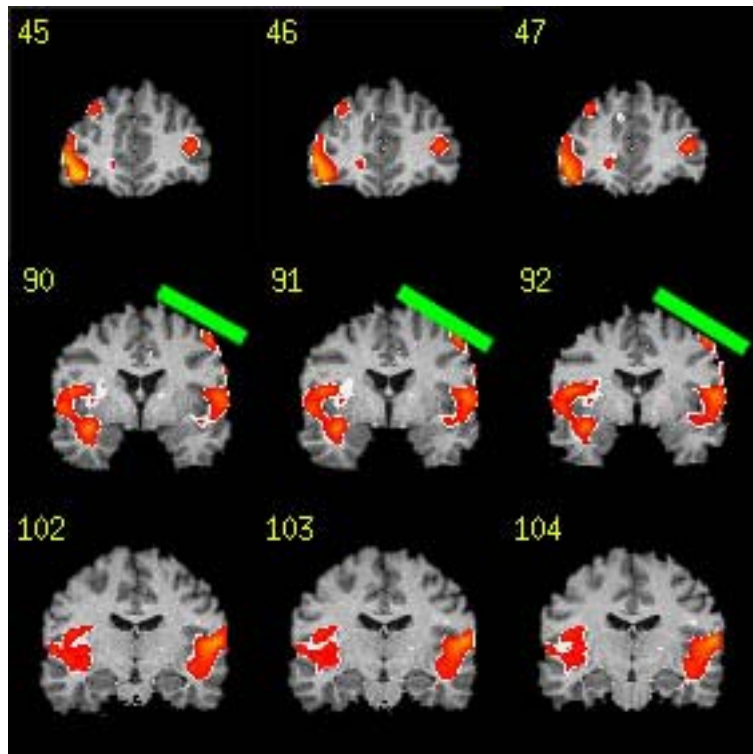




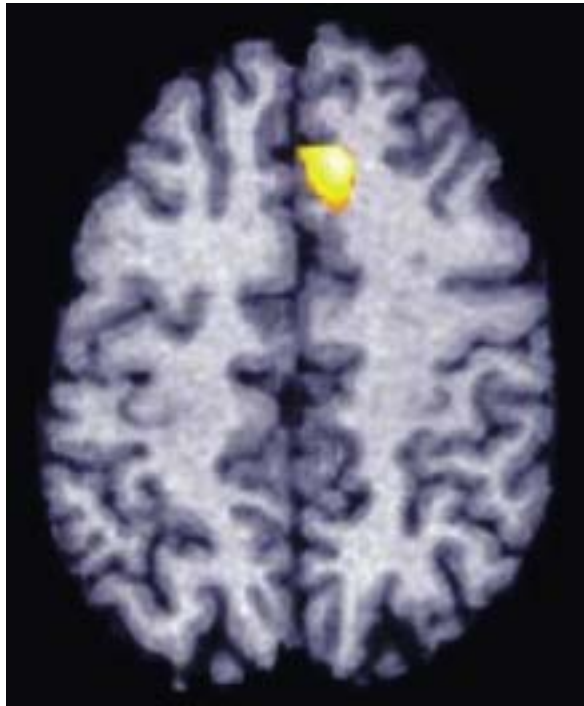
name: c15f003.TIF  
 date: 4/2/03  
 size: 875658  
 font: None

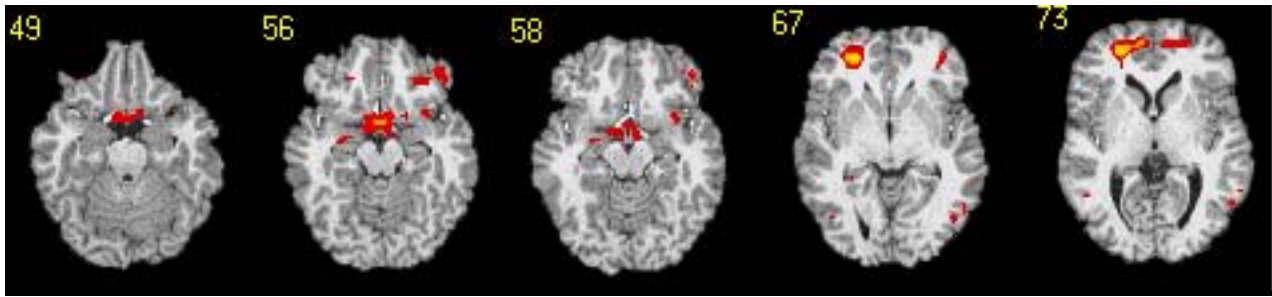


name: c15f004.TIF  
date: 4/2/03  
size: 797414  
font: None



name: c17f002.eps  
date: 4/9/03  
size: 688896  
font: None





Main Street::c17f003.eps

name: c17f003.eps  
date: 4/9/03  
size: 446912  
font: None