NIDA's mission is to bring the power of science to bear on drug abuse and addiction.

Photo courtesy of NIDA.

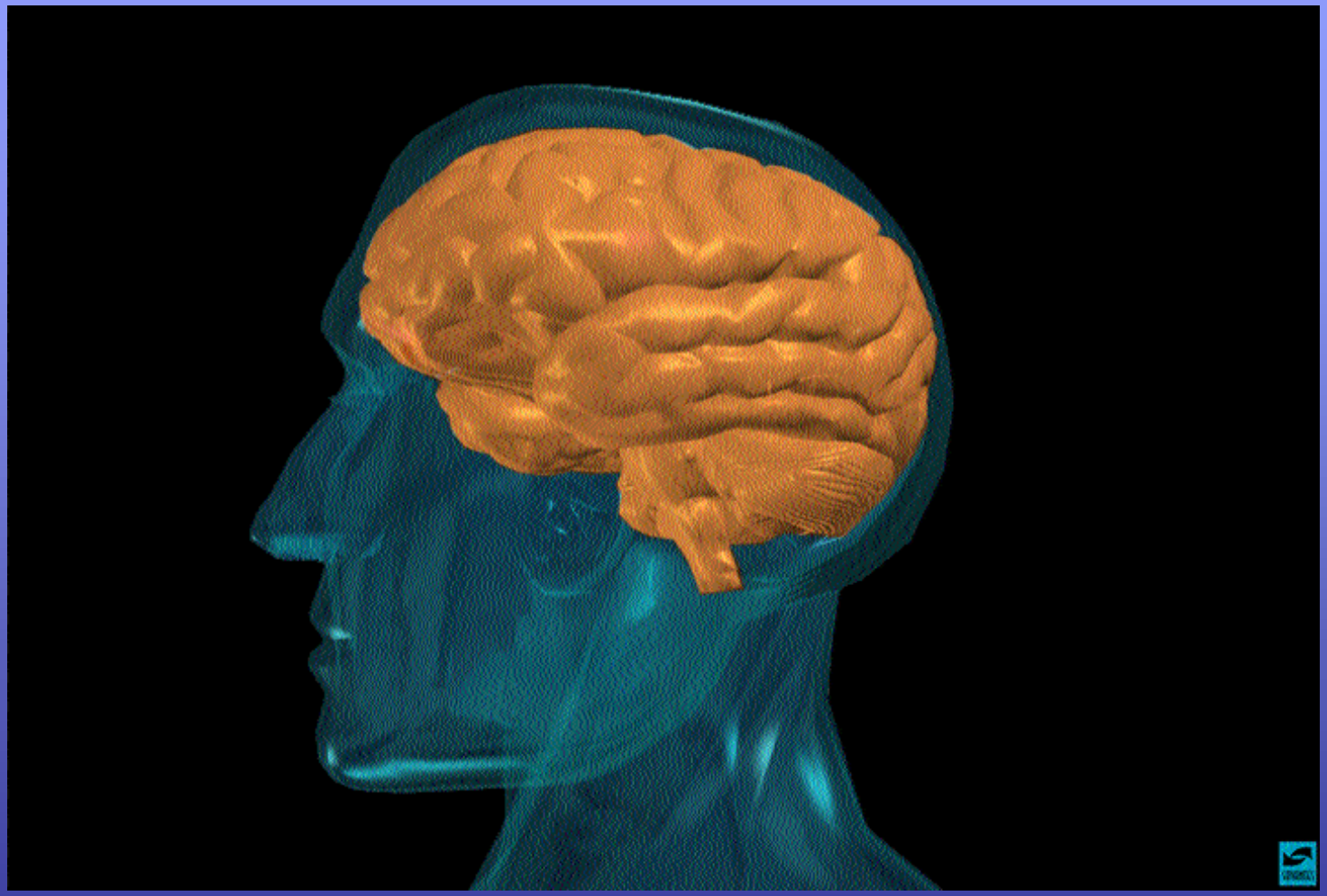
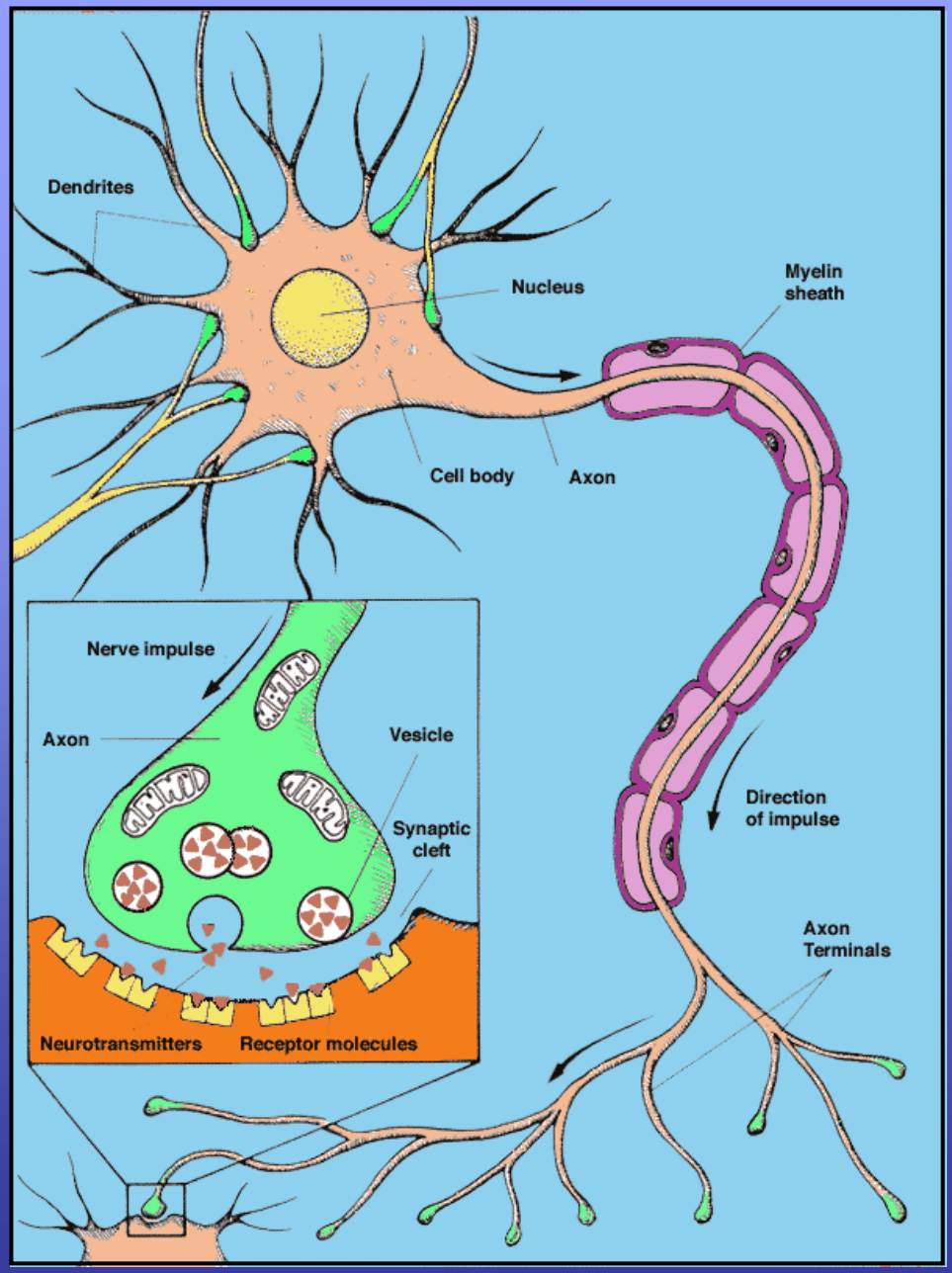


Photo courtesy of the NIDA Web site. From *A Slide Teaching Packet: The Brain and the Actions of Cocaine, Opiates, and Marijuana.*



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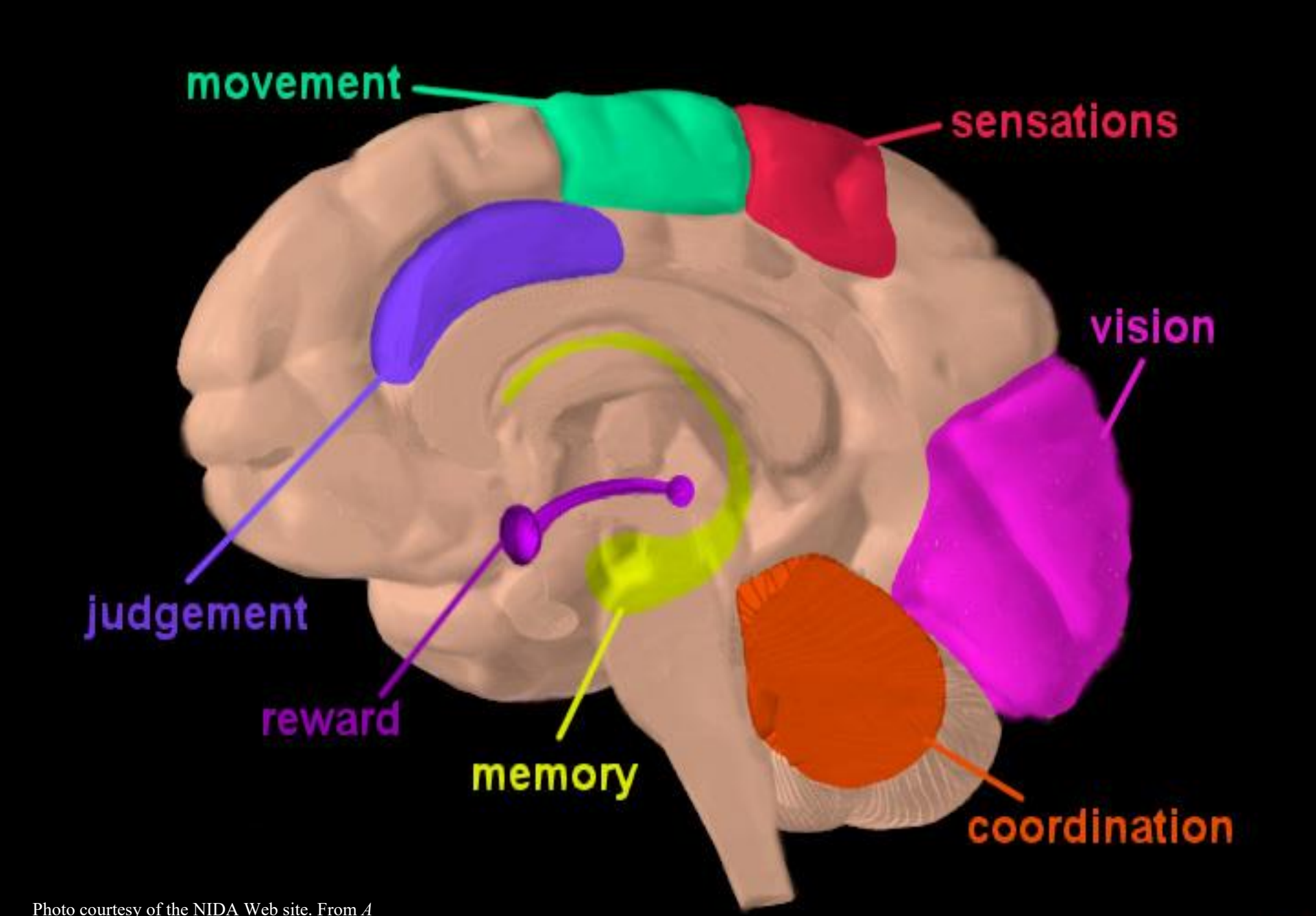

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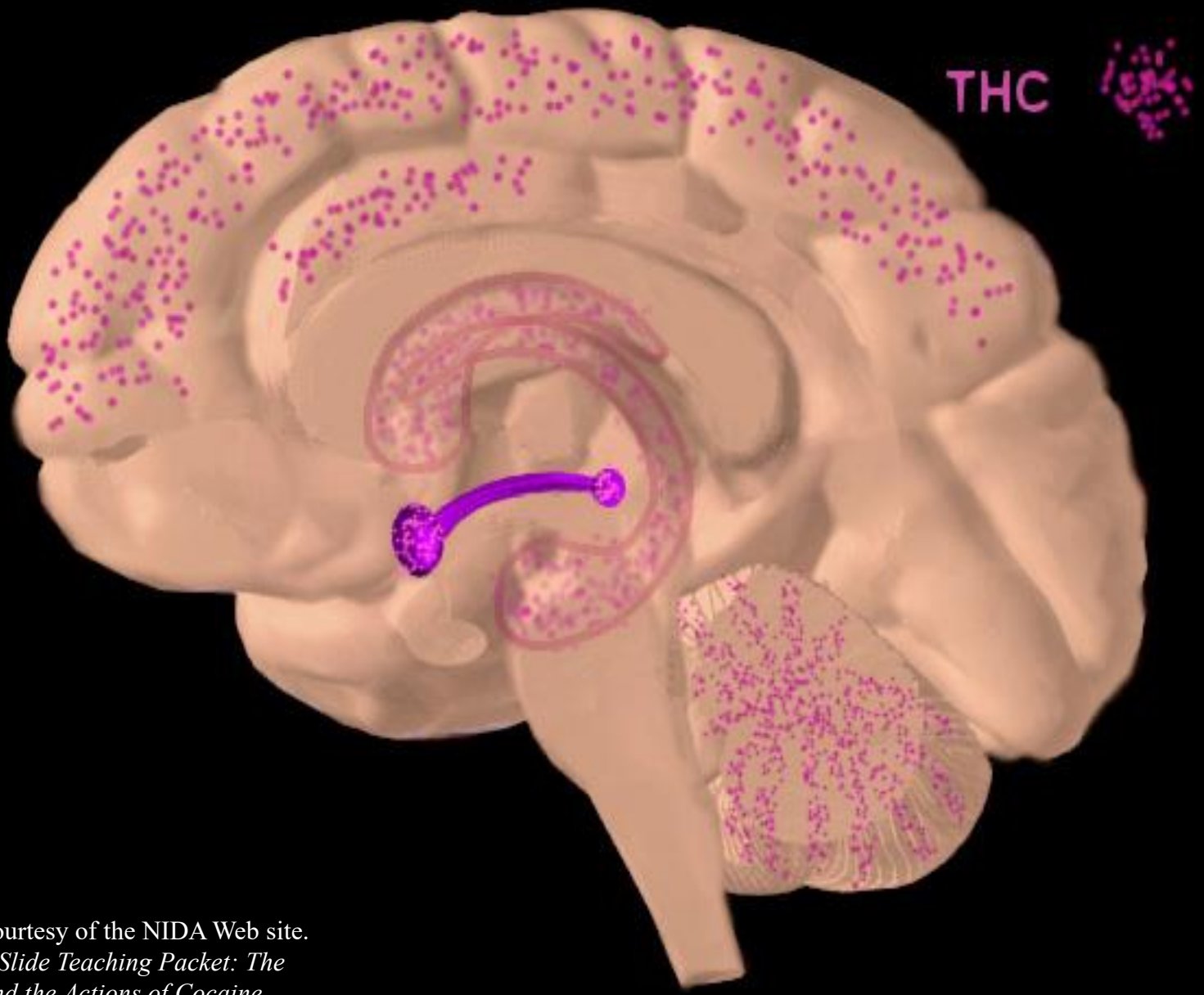

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From *A Slide Teaching Packet: The Brain and the Actions of Cocaine, Opiates, and Marijuana.*

Positron Emission Tomography (PET)

Your Brain on Drugs

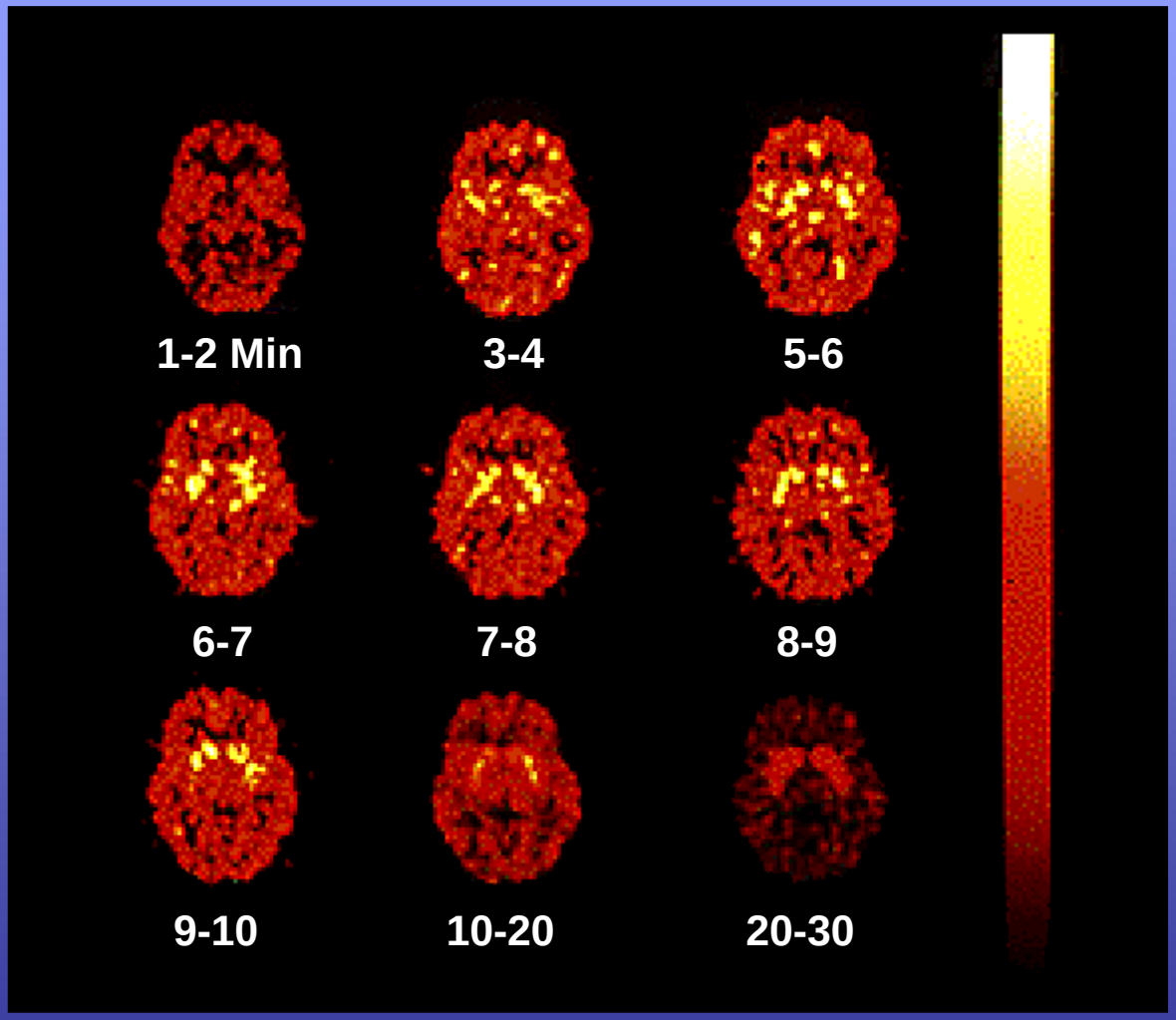


Photo courtesy of Nora Volkow, Ph.D. Mapping cocaine binding sites in human and baboon brain in vivo. Fowler JS, Volkow ND, Wolf AP, Dewey SL, Schlyer DJ, Macgregor RIR, Hitzemann R, Logan J, Bendreim B, Gatley ST. et al. *Synapse* 1989;4(4):371-377.

Your Brain After Drugs

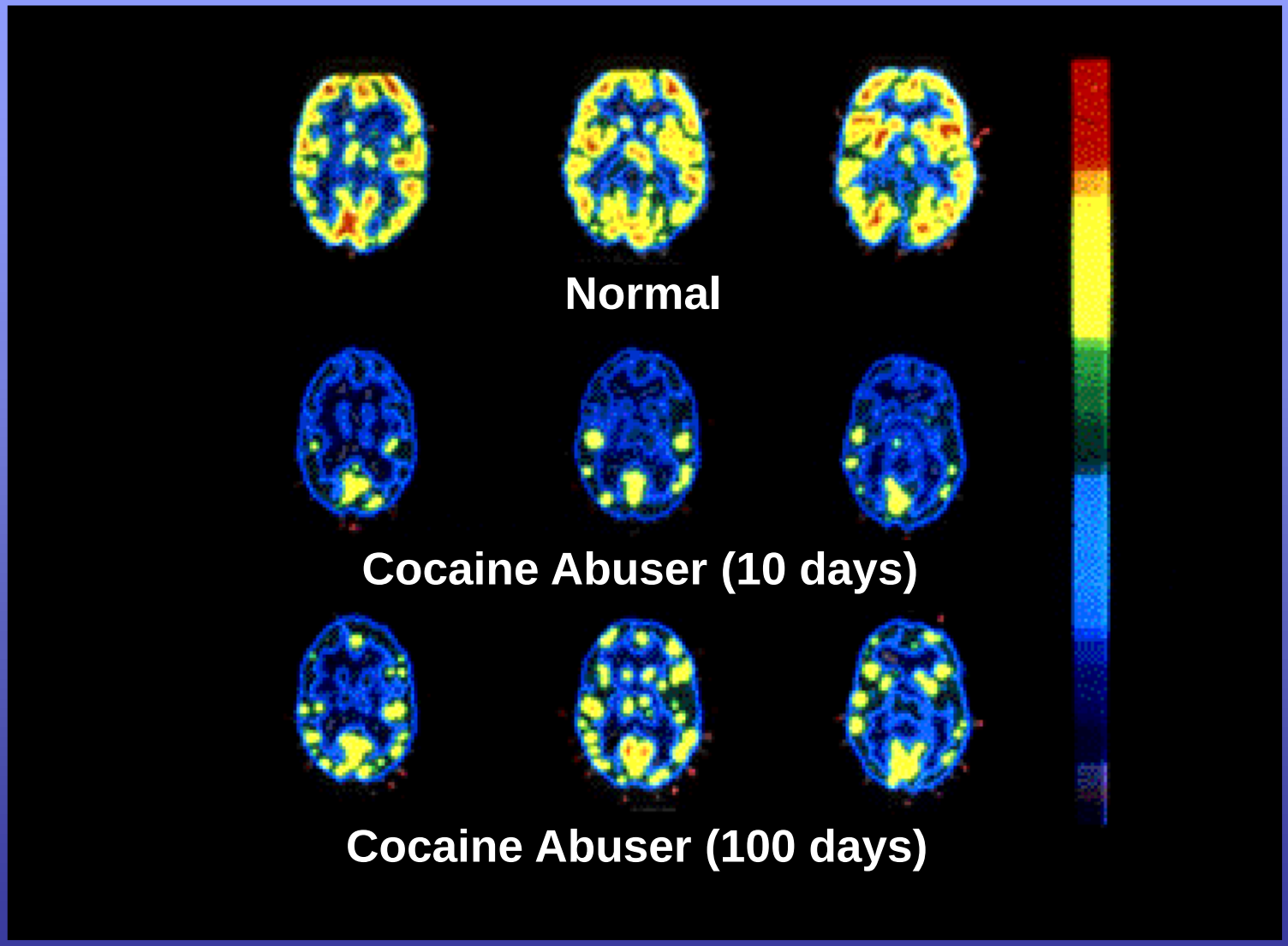


Photo courtesy of Nora Volkow, Ph.D. Volkow ND, Hitzemann R, Wang C-I, Fowler IS, Wolf AP, Dewey SL. Long-term frontal brain metabolic changes in cocaine abusers. *Synapse* 11:184-190, 1992; Volkow ND, Fowler JS, Wang G-J, Hitzemann R, Logan J, Schlyer D, Dewey 5, Wolf AP. Decreased dopamine D2 receptor availability is associated with reduced frontal metabolism in cocaine abusers. *Synapse* 14:169-177, 1993.

Drugs Have Long-term Consequences

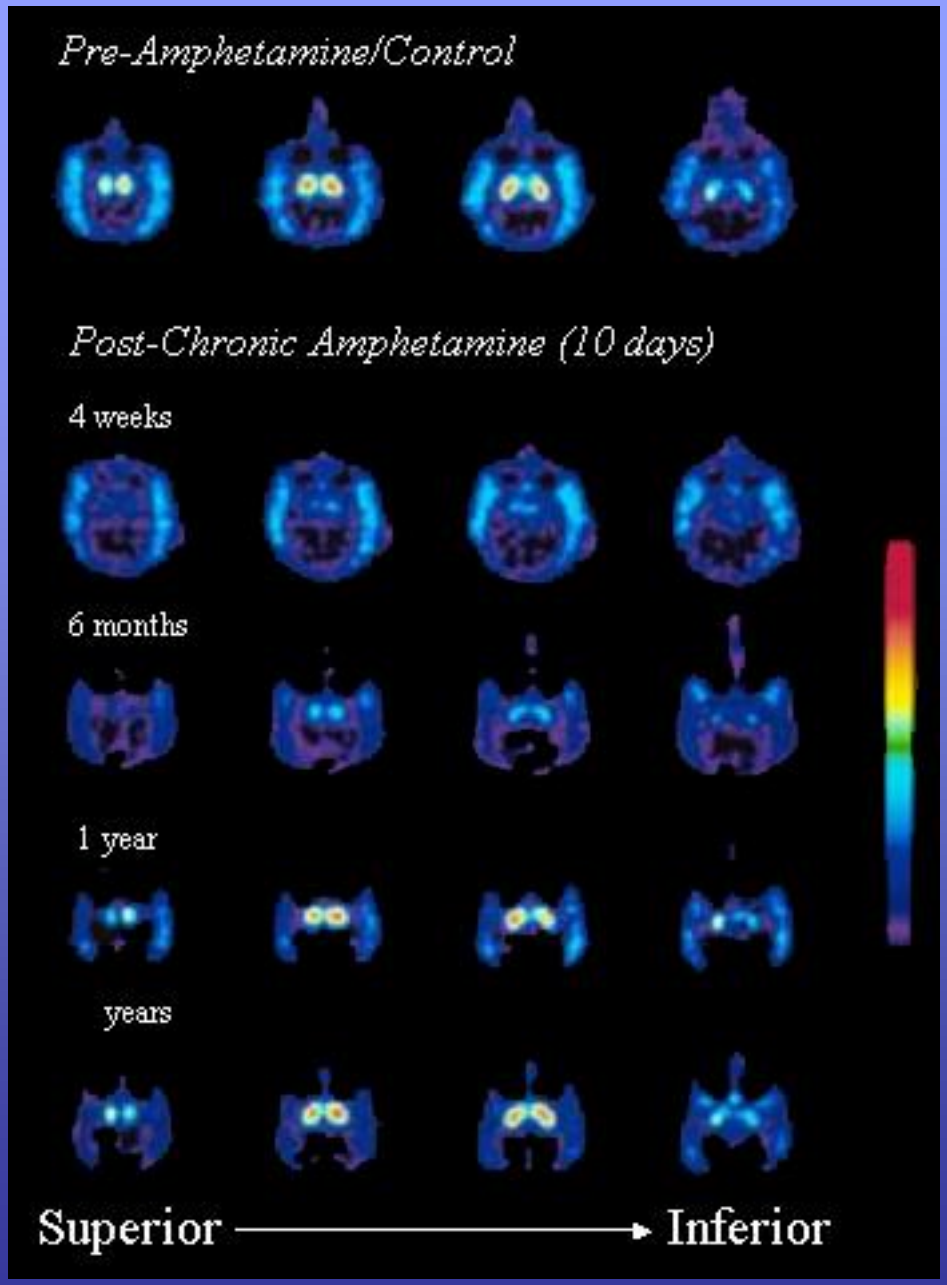


Photo courtesy of NIDA from research conducted by Melega WP, Raleigh MJ, Stout DB, Lacan C, Huang SC, Phelps ME.

The Memory of Drugs

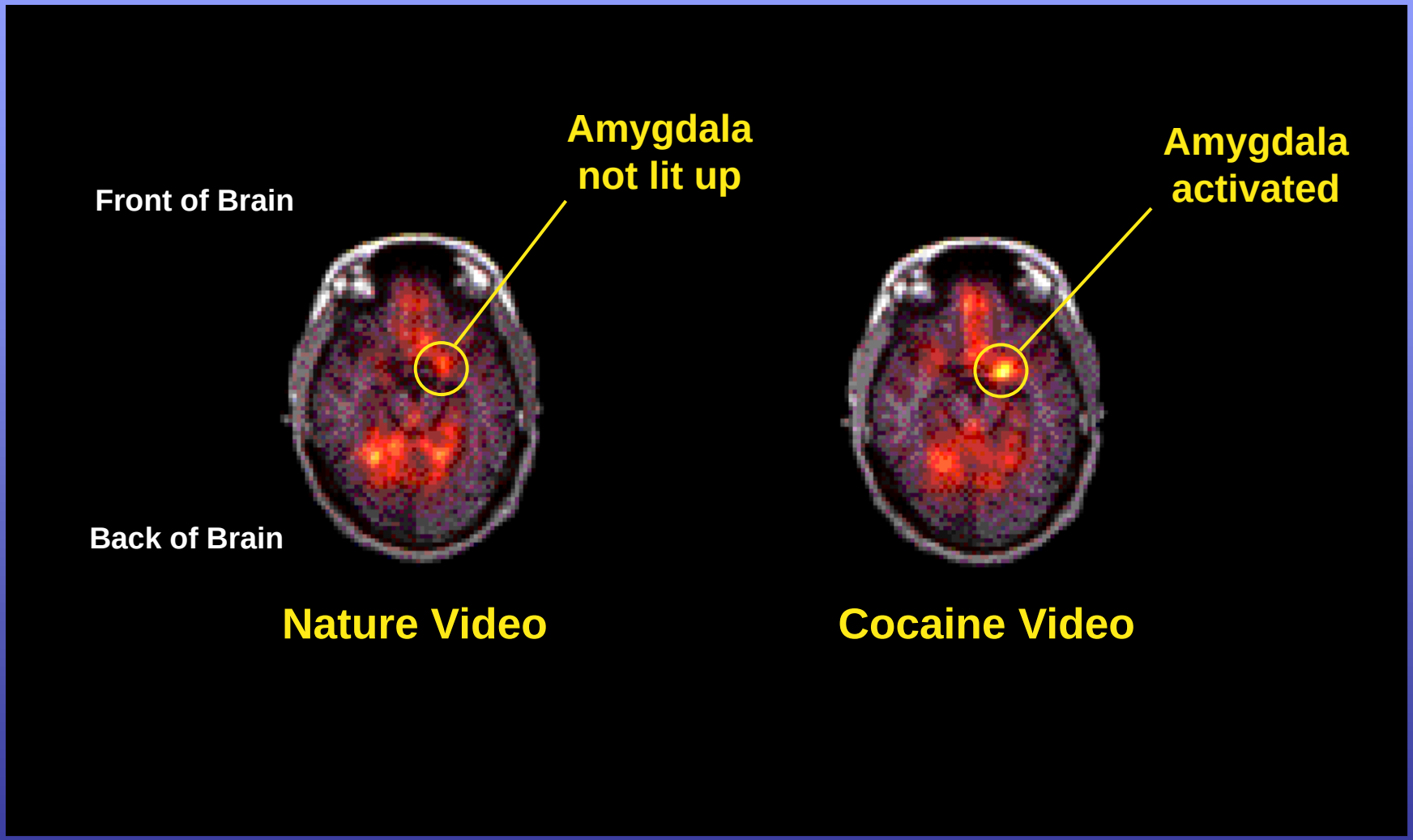


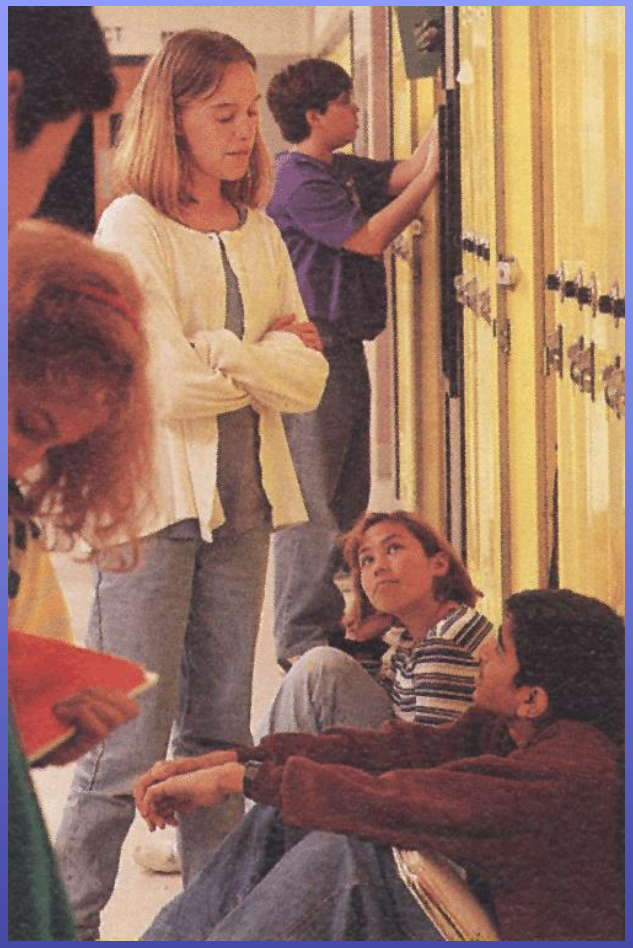
Photo courtesy of Anna Rose Childress, Ph.D.

The good news is…

Drug Abuse is a preventable behavior

and

Drug Addiction is a treatable disease



… Is it worth the risk?

Photo courtesy of NIDA.

Visit NIDA's Web Site at:

http://www.drugabuse.gov

Photo courtesy of NIDA

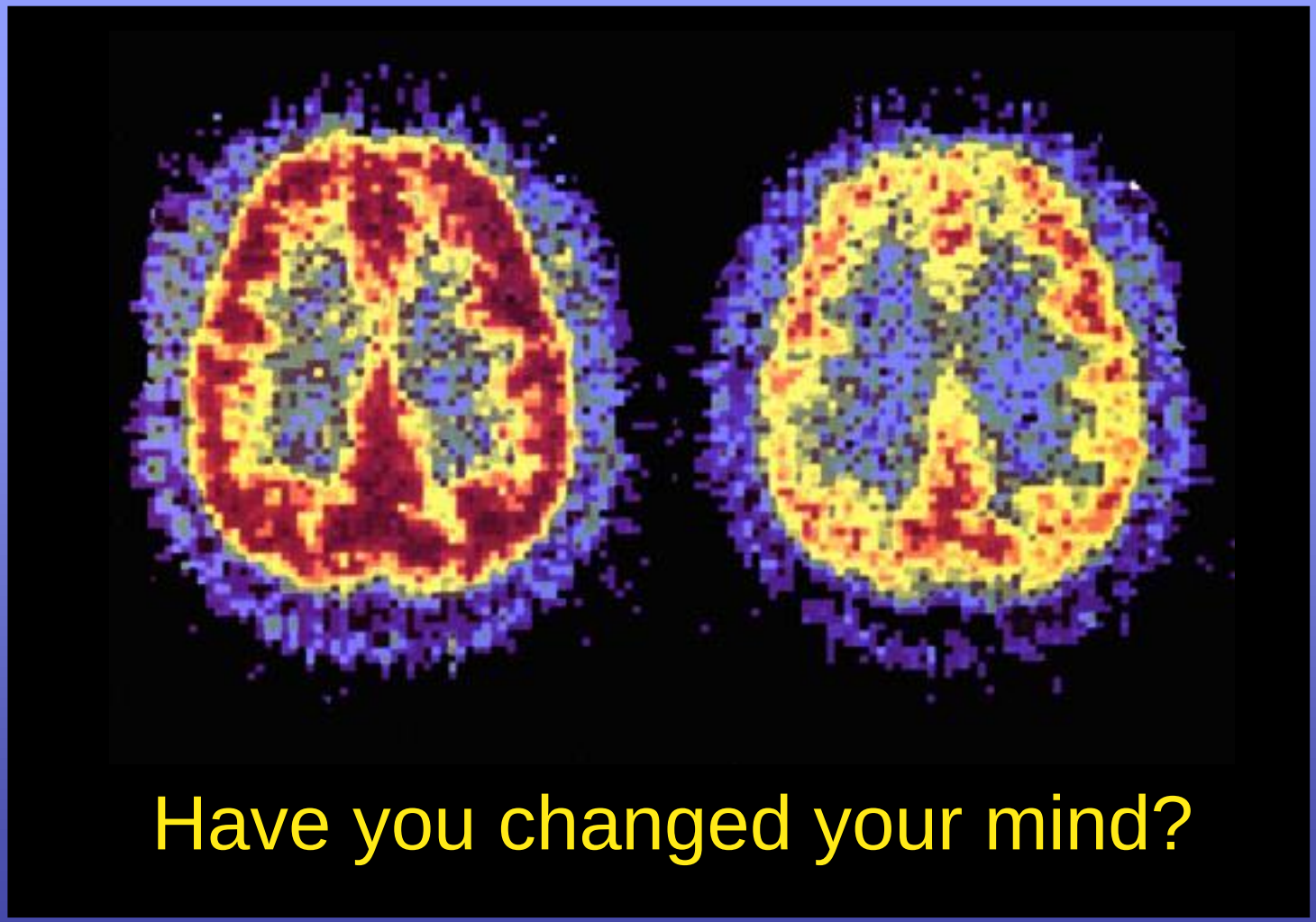


Photo courtesy of NIDA. *If You Change Your Mind.*
Student magazine. NIH Publication No. 93-3474, 1993.