

Imaging Drugs in the Brain
 ENAS 880 /INP 523
 Draft Syllabus -- Fall 2016

DATE	room	Lect	TOPIC	
8-Sep	SHM-I304	1	introduction to Imaging:PET	Morris
15-Sep	SHM-I304	2	introduction to Imaging:fMRI	Hampson
22-Sep	SHM-I304	3	METHODS 1: imaging receptors, drugs + Intro to Neurobiology	Morris, Cosgi
29-Sep	SHM-I304	4	METHODS 2: imaging dopamine changes (displacement)	Morris
6-Oct	SHM-I304	5	Applications 1:	Cosgrove, Ha
13-Oct	SHM-I304	6	METHODS 3: Functional connectivity	Hampson
20-Oct		7	Break	
27-Oct	SHM-I304	8	<i>DESIGN-α-THON</i> ♦ #1	<i>all</i>
3-Nov	SHM-I304	9	METHODS 4: equilibrium vs bolus and Vt vs BP	Morris, Cosgi
10-Nov	SHM-I304	10	Applications 4: expectations, negative prediction error	Morris, Cosgi
17-Nov	SHM-I304	11	<i>DESIGN-α-THON</i> #2	<i>all</i>
24-Nov	SHM-I304		Break	
1-Dec	SHM-I304	12	APPLICATION 3: smoking/dopamine study comparison	Morris, Cosgi
8-Dec	SHM-I304	13	MOVIE REVIEW, PRESS RELEASE: sex differences, smoking ♦	<i>all</i>
15-Dec			final assignment description	
16-Dec	TAC N205	14		extras(?)

KEY: means "tentative"
 means: no synopsis required - should read quickly
 means: no synopsis required but MUST READ
 means : watch this video and write an entertaining movie review