

Preparing for the Integration of Tobacco Treatment into Healthcare

Topic		File
9:00	Morning Coffee	1_04
	- Introductions and Networking	
	- Review day's structure & educational objectives	
9:00 – 10:00	Genetics of Nicotine Dependence	1_07
	- Early clues to heritability	
	- Genetic variation in metabolism	
	- Variation in pharmacodynamics	
10:00 – 10:50	Macro-effects of nicotine on the brain	1_09
	- Animal models	
	- Mesolimbic Dopaminergic System	
10:50 - 11:00	Break	
11:00 – 11:50	Micro-effects of nicotine on the brain	1_12
	- Dynorphins	
	- Histones / Second messenger induction	
	- Negative prediction error	
11:50 - 1:00	Lunch (Provided)	
1:00-1:30	Literature Review – Nestler: Scientific American	1_15
1:30 – 2:15	Molecular basis of gateway effect	1_13
	- Implications of polysubstance abuse	
	- Legacy Video (Kandel)	Kandel
2:15 - 3:00	Peeking into the future: Efforts to understand how the brain becomes the mind.	1_20
	- False memory formation	
	- The Insula and conscious representations of motivation	
	- Executive control and salience	
3:00 – 3:10	Break	
3:10 – 4:30	Video Deconstruction Exercise – “Brain Biology in Action”	1_16
	- Ambivalence	1_17
	- Struggle	Sadeyah1
	- Relapse	Sadeyah2
4:30 – 5:00	Review and Wrap-up	
	- Journal club article (Dackis: Policy Implications))	1_19
	- Review the day's objectives	
	- Announcements / Close	

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9:00	Morning Coffee	<u>2_04</u>
	- Introductions and Networking	
	- Review day's structure & educational objectives	
9:30	Building Blocks of Cognitive Management	<u>2_06</u>
	- Therapeutic relationship	<u>2_07</u>
	- Backstory	
	- Adult learning	
10:15	Mechanistic View of Cognition / Emotion	<u>2_10</u>
	- Basic "laboratory" models of learning	
	- Maladaptive cognitive patterns	
	- Sabotage	
10:50	Break	
11:00	Resolving Obstacles to Progress	<u>2_11</u>
	- Benevolent Persuasion	
	- Escape	
11:30	Compromise and escape: Counseling about E-cigarettes	<u>2_20</u>
12:00	Lunch (provided)	
1:00	Prep for patient encounters	<u>3_18</u>
1:30	Group A	Group B
	Patient Encounters	Moving Beyond Intention to Quit
	Teams 1 - 5	- Action sub-stages
		- Clinical phenotypes
		- Managing resistance
		Interviewing in the face of ambivalence
		<u>2_22</u>
2:45	Moving Beyond Intention to Quit	Patient Encounters
	- Action sub-stages	Teams 1 - 5
	- Clinical phenotypes	
	- Managing resistance	
	Interviewing in the face of ambivalence	
4:00	Break	
4:15	Review and Wrap-up	
	- Patient debriefing	
	- Journal club article (Leone: Behavioral Interventions)	<u>2_19</u>
	- Review day's objectives	
5:00	Close	

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9:00	Morning Coffee	<u>3_04</u>
	- Introductions and Networking	
	- Review day's structure & educational objectives	
9:15	Journal Club Review - Nester	<u>1_15</u>
9:30	Journal Club Review - Dackis	<u>1_19</u>
9:45	Cigarette Pharmacology	<u>3_05</u>
	- Freebase Nicotine	
	- Non-nicotinic constituents	
	- Topography	
10:15	Pharmacobiology of Tobacco-related Morbidity	<u>3_09</u>
	- Regulation of inflammation	
	- "Common ground" of chronic illness	
10:45	Break	
11:00	Core Pharmacology	<u>3_10</u>
	- Nicotine Replacement	
	- Bupropion	
	- Varenicline	
	- Controller / reliever paradigm	
11:45	Connecting the Dots	
12:00	Lunch (provided)	
1:00	"Improving Treatments for Nicotine Dependence" – Robert Schnoll PhD, Associate Professor of Psychiatry, University of Pennsylvania.	<u>5_22</u>
2:00	Break	
2:15	Advanced Pharmacology: Tips / Techniques I	<u>3_12</u>
	- FDA Product Info edits	
	- Cardiovascular risk	
	Tips / Techniques II	
	- Mental Illness	
	- Pregnancy	
3:00	Journal Club – Ebbert: Reduction to Quit	
3:30	Effectiveness in the Clinic (aka "Keepin' it Real")	(Video 1) (Video 2)
4:00	Patient Case Discussion	
4:30	Review and Wrap-up	
5:00	Close	<u>3_18</u>

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Topic			File
9:00	Morning Coffee		<u>4_03</u>
	- Introductions and Networking		
	- Review day's structure & educational objectives		
9:15	The Science of Interpersonal Interactions		<u>4_05</u>
	- Cognitive biases	- Stigma	
	- Causal controllability	- Implicit bias	
10:00	"Persuasion" – The Elaboration Likelihood Model		<u>4_04</u>
10:45	Break		
11:00	Understanding Your Audience / Maximizing Your Message		<u>4_09</u>
	- Characteristics of the receiver		<u>4_11</u>
	- Characteristics of the medium		
	- Homophily		
	- Difference vs. Distinction		<u>Video 1</u>
	- Establishing trust		<u>Video 2</u>
	- Analysis of traditional advertising		<u>Video 3</u>
12:00	Lunch (provided)		
1:00	Prep for patient encounters		<u>4_19</u>
	Group A	Group B	
1:30	Patient Encounters	Communication Science I	<u>4_12</u>
	Teams 1 - 5	- Thinking in metaphors	<u>Video 1</u>
		Establishing a "Pro-smoker" advocacy position	<u>Video 2</u>
		Build a Better Mousetrap	
2:45	Communication Science I	Patient Encounters	
	- Thinking in metaphors	Teams 1 - 5	
	Establishing a "Pro-smoker" advocacy position		
	Build a Better Mousetrap		
4:00	Break		
4:15	Review and Wrap-up		
	- Patient debriefing		
	- Review mousetrap designs		
	- Review objectives		
5:00	Close		