

UNIVERSITY OF MINNESOTA Driven to Discover



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Warm Up

Engaging Conversations

- When you were little what did you want to be when you grew up? Why?
- 2. Where is your favorite place on Earth? Why?
- 3. Besides this one, what has been the best job you ever had? Why?
- 4. Who has been the person to support you most in your life? Why?



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What is Engagement?





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What made the conversations you just had engaging?





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Approximately 80% of our clients come to us in Pre-contemplation stage of change





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It is up to us to engage with them!





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Problems with MI

- Difficulty
 - Lack of clinician skill beyond "basic proficiency"
- Costly
 - Requires extensive consultation and follow-up
- Client outcomes
 - Only 2 studies reported outcomes (not promising)

Weisner, C., & Satre, D. D. (2016). A key challenge for motivational interviewing: training in clinical practice. *Addiction (Abingdon, England)*, *111*(7), 1154.



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Inspiration



Exploration



Application



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Inspiration Skills

allow us to hold on to and build hope for the future





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Exploration Skills

Allow us to better understand the thoughts, feelings, and behaviors as well as the context in which they occur





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Application Skills

allow us to put into practice the things we want to accomplish by using what we have learned from our inspiration and exploration





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Recovery

Behavior

Motivation



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Recovery Knowledge

builds the framework for developing relationships in which an individual can support of personal recovery



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Behavior Knowledge

allows an individual to understand the basic ideas that make up behavior theory for client engagement





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Motivation Knowledge

lays out basic biology of motivation and can assist an individual in supporting a person who has motivational deficits





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What is your Professional Vision?

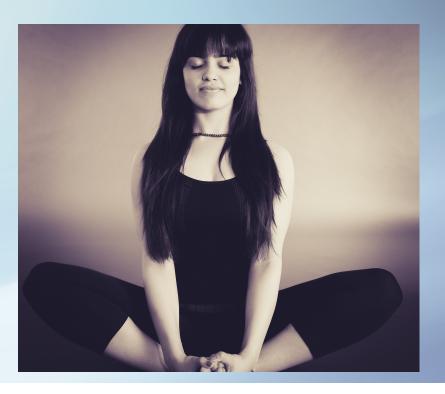




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Centering Exercise





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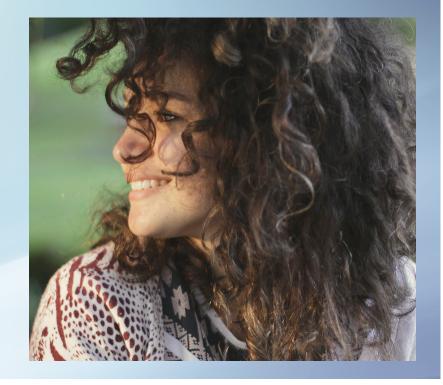
Inspiration Skills



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- Hope is an incredible, powerful motivator, spurring inspiration
- It equips individuals well for adversity; enabling them to tolerate distress and set-backs
- Without it individuals lose sight of their goals and personal vision





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Share your reflections about:

- a time in which you left a session really inspired to do your work
- a time in which you left a session and the person you were supporting was hopeful for the future



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Values and a Recovery Vision are key to holding hope





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There are many ways to learn about values

- Conversational
- Narrative
- Visual





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Inspiration Skills

Strengths

- Personal qualities
- characteristics
- talents
- knowledge
- skills
- interests
- aspirations





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Reframing

There is often a silver lining in the struggles we have and it is often overlooked





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With Your Neighbor:

Share something you have struggled with recently or felt failure around.

Together to change your perspective and see a positive outcome/strength in your experience.



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Recovery Knowledge





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Knowledge that builds the framework for developing skills which support personal recovery





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	Prior to 1980	1980	2003
Belief	People can't recover	People can recover	Systems need to support recovery
Task	Stabilize and maintain	Introduce recovery programs	Systemize recovery





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"Professionals who have lost hope for recovery are in crisis. Hopeless professionals say things like, 'This patient is a hopeless case'. But actually it is the professional who is in crisis and needs help. The professional is in a crisis of hope."

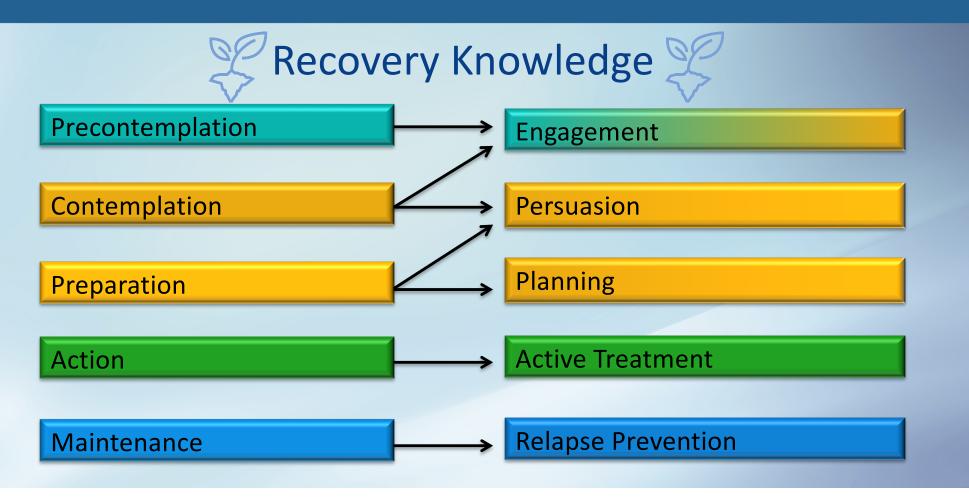
-Patricia Deegan PhD



One Door Closes, Another Opens



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Exploration Skills



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Seeking understanding of our client's thoughts, feelings, and behaviors within the context they present to us...

- Listening
- Questioning
- Offering Feedback
- Exploring Readiness





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"For decades, mental health services have been governed by a reductionist biomedical paradigm that has contributed to the exclusion, neglect, coercion and abuse of people."

~ Human Rights Council – United Nations



Patricia Deegan Leg psykolog, fil dr

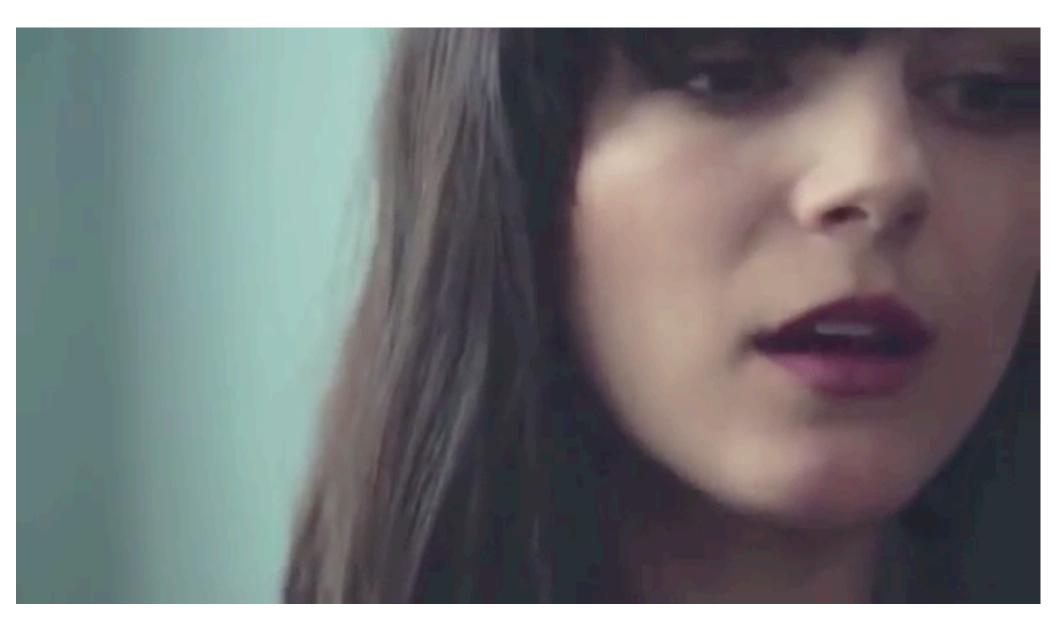


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What is our purpose in listening?

The biggest communication problem is we do not listen to understand. We listen to reply.





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- Empathic listening towards understanding
- Two types of listening
 Listening to respond
 - Listening to understand







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Closed Questions	Open Questions
Do you think you have a problem with keeping jobs?	
Anything else?	
Is it important for you to complete the job skills program?	
Don't you have anyone who can watch the kids during class?	



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Offering Feedback

- Ask
- Offer
- Explore

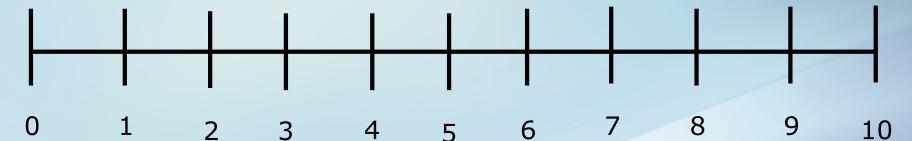




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Importance, Readiness, Confidence Ruler



1. "On a scale of 0 – 10, how important is this to you"?

- 2. "What makes you a _____ and not a ____?"
- 3. "What would it take for you to become a ____?"



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Behavior Knowledge



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Mental Health symptoms often are confounded by Basic Human Needs





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Behavior Knowledge

Maslow's Hierarchy Of Needs



personal security, employment, resources, health, property

Physiological needs

air, water, food, shelter, sleep, clothing, reproduction



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What does it mean to work with someone struggling with needs:

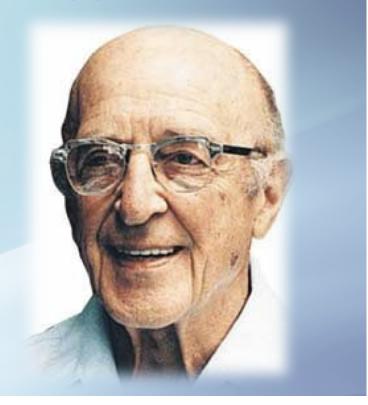
- At the bottom row?
- At the middle row?
- At the top tiers?



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In my early professional years I was asking the question: How can I treat, or cure, or change this person? Now I would phrase the question in this way: How can I provide a relationship which this person may use for his own personal growth?" – Carl Rogers





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- Rogerian work respects individual's freedom to make their own choices
- Positive Unconditional Regard supports person toward discovering their own personal growth





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- Over 60% of change is associated with the quality of the helping relationship
- To grow and change people need a healthy climate that includes:
 - genuineness,
 - acceptance
 - empathy





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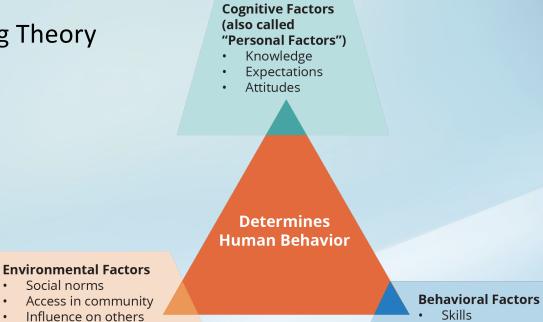
Social Learning Theory

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(ability to change own

environment)



- Practice
- Self-efficiency



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Self-Efficacy

- Success via mastery experiences
- Encouragement based on execution
- Learning by observing others





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Application Skills

Fulfilling My Dream



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How do experiences like this connect to your professional vision?



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Application Skills



Goals help people Grow!



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What is Important **For** our Clients?



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What is Important **To** our Clients?



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Specific Measurable Attainable Relevant **Time based** Yes-goal



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Specific

What are you doing?



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Measurable

Will someone other than you know that you have done it?



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Attainable

Is this something you can accomplish?



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Relevant

Whose goal is it?

Does it move you toward your recovery vision?



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Time limited

When will it be done?



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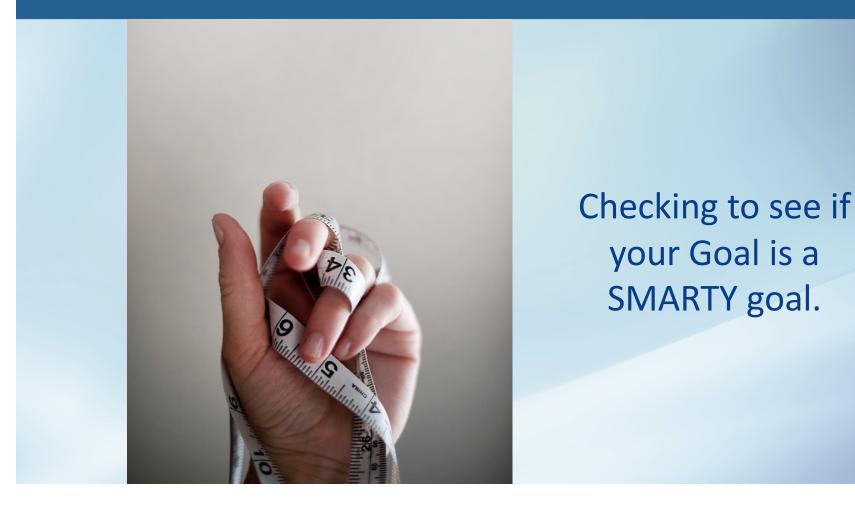


Yes-goal

Are you working toward something or trying to avoid something?



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BBGIN WITH SMALL STEPS

Breaking goals down into steps



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Goal striving needs to be collaborative

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- Help the client figure out their own steps toward goal
- Practice steps with them whenever possible
- Allow them to work it out and support their efforts



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Application Skills

When they get stuck



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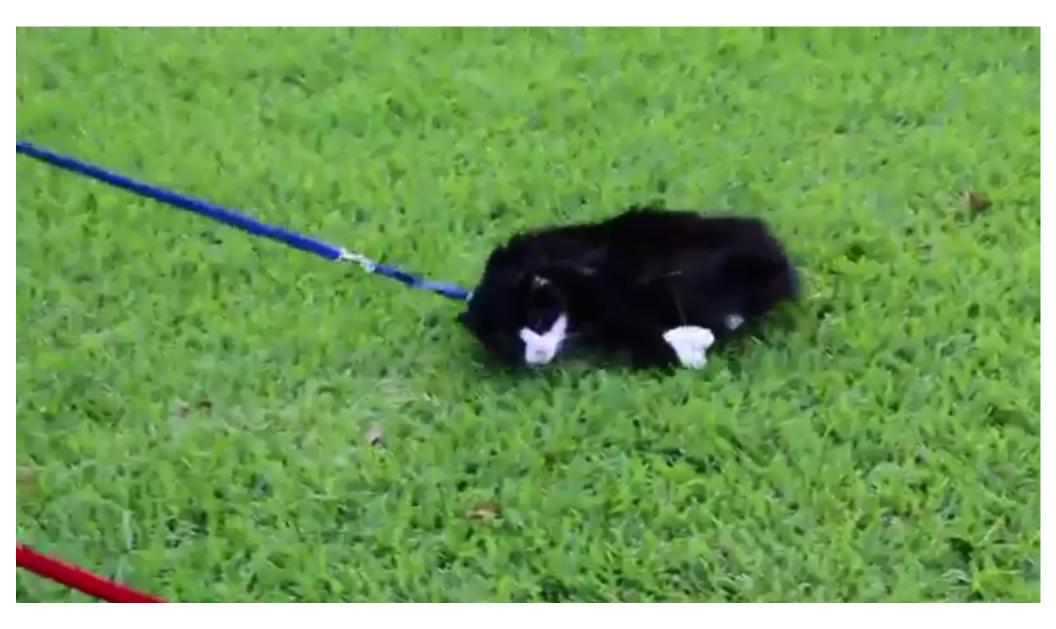


What is a Microstep?



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Motivation Knowledge





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Imagine a client who just can't accomplish anything

- What were their barriers?
- What happened in your sessions?
- What is their history with motivation?



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Motivation Knowledge



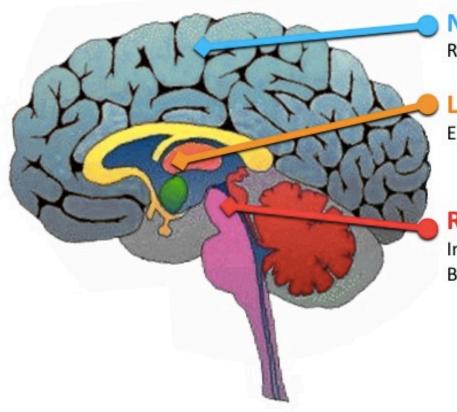
What is Motivation?

The energizing of behavior in pursuit of a goal. It is a fundamental element of our interaction with the world and with each other.

Simpson, E. H., & Balsam, P. D. (2015). The behavioral neuroscience of motivation: an overview of concepts, measures, and translational applications. In *Behavioral Neuroscience of Motivation* (pp. 1-12). Springer, Cham.



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Neocortex:

Rational or Thinking Brain

Limbic Brain:

Emotional or Feeling Brain

Reptilian Brain:

Instinctual or Dinosaur Brain

- Amygdala is associated with emotions, especially fear
- Hippocampus is associated with emotion and memory



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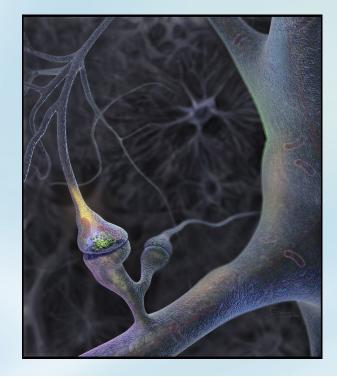


- Nerves are made up of many neurons (nerve cells)
 - Neurons carry information throughout the body
- There are more than 200 billion neurons in the brain alone!



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🖧 Motivation Knowledge 🎤



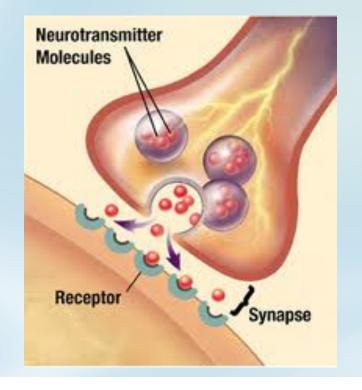
How Neurons Communicate:

- Neurons communicate through the synapse.
- The synapse is the small space between neurons.



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Motivation Knowledge



How Neurons Communicate:

- Neurotransmitters are chemicals that either inhibit (stop) or excite (go) the transmission of messages.
- Types of neurotransmitters associated with motivation: dopamine, serotonin, oxytocin, epinephrine (adrenaline), and many more!

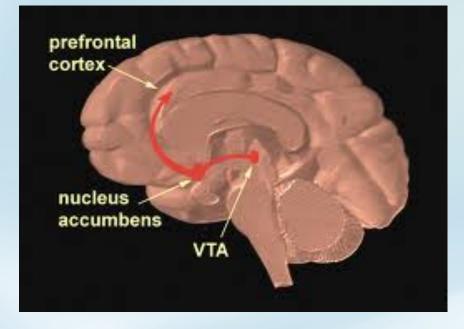
2-MINUTE NEUROSCIENCE:

REWARD SYSTEM



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Motivation Knowledge

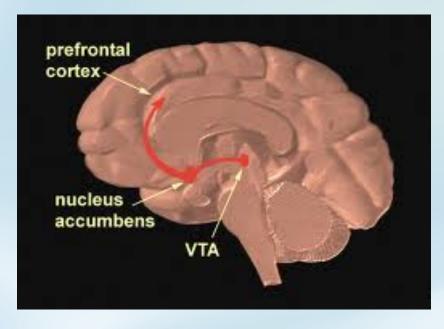


Pleasure Pathway

Our brains want us to complete life-sustaining activities associated with pleasure and reward like eating, reproduction, and social behavior



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- Nucleus Accumbens is responsible for processing reward and learning
- Ventral Tegmental Area is responsible for transmitting emotional signals from the amygdala
- Prefrontal Cortex is responsible for planning and decision making



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Substance Use Disorders

- Taking the substance in larger amounts or for longer than you meant to.
- Wanting to cut down or stop using the substance but not managing to.
- Spending a lot of time getting, using, or recovering from use of the substance.

- Cravings and urges to use the substance.
- Not managing to do what you should at work, home, or school because of substance use.
- Continuing to use, even when it causes problems in relationships.



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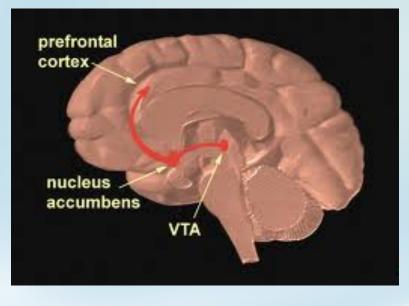
Motivation Knowledge

Substance Use Disorders

- Giving up important social, occupational, or recreational activities because of substance use.
- Using substances again and again, even when it puts you in danger.
- Continuing to use, even when you know you have a physical or psychological problem that could have been caused or made worse by the substance.
- Needing more of the substance to get the effect you want (tolerance).
- Development of withdrawal symptoms, which can be relieved by taking more of the substance.



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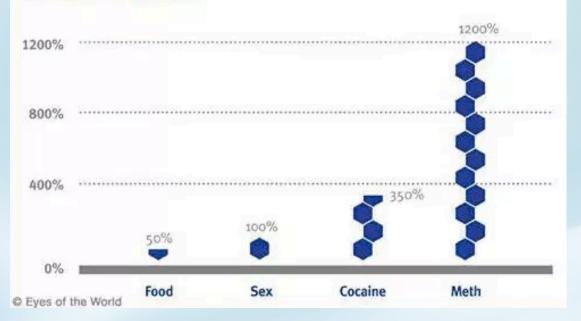
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- **Prefrontal Cortex** is responsible for planning and decision making



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Motivation Knowledge

DOPAMINE LEVELS



Dopamine Level Impact

- Food 50%
- Sexual arousal, nicotine, alcohol 100%
- Cocaine 300%
- Meth 1,200%



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Motivational deficits in Substance Use Disorders

- Transition from goal oriented action to habitual action
- Deficits in inhibitory control
- Alteration in reward prediction and learning





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Schizophrenia

- Positive Symptoms
 - Hallucinations
 - Delusions
- Negative Symptoms
 - Anhedonia
 - Impaired social behavior

- Cognitive & Attentional Symptoms
 - Impaired memory
 - Executive function



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Motivation Knowledge

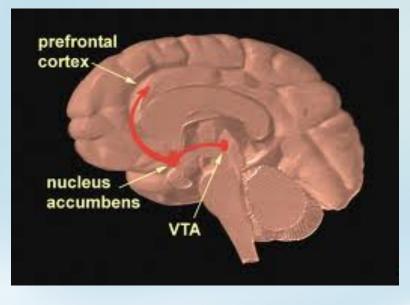
Motivational deficits in Schizophrenia

- Deficits in anticipatory pleasure
- Deficits in reward prediction and learning
- Reduced effort in Effort-based Decision Making
- Impaired ability to select reward actions
- Avoidance of social interactions





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- Nucleus Accumbens is responsible for processing reward and learning
- Ventral Tegmental Area is responsible for transmitting emotional signals from the amygdala
- **Prefrontal Cortex** is responsible for planning and decision making



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Depression

- Depressed mood most of the day, nearly every day
- Markedly diminished interest or pleasure in all, or almost all, activities most of the day, nearly every day
- Significant weight loss when not dieting or weight gain, or decrease or increase in appetite nearly every day

 A slowing down of thought and a reduction of physical movement (observable by others, not merely subjective feelings of restlessness or being slowed down)



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Depression

- Fatigue or loss of energy nearly every day
- Feelings of worthlessness or excessive or inappropriate guilt nearly every day
- Diminished ability to think or concentrate, or indecisiveness, nearly every day
- Recurrent thoughts of death, recurrent suicidal ideation without a specific plan, or a suicide attempt or a specific plan for committing suicide.



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Motivational Deficits in Depression

- Deficits in experiencing pleasure in the moment
- Deficits in reward prediction and learning
- Reduced effort in Effort-based Decision Making



