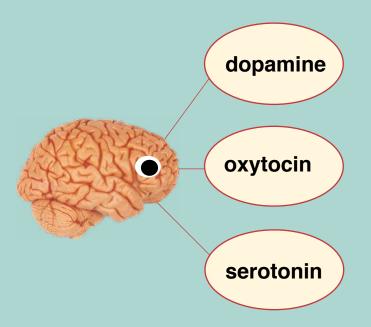
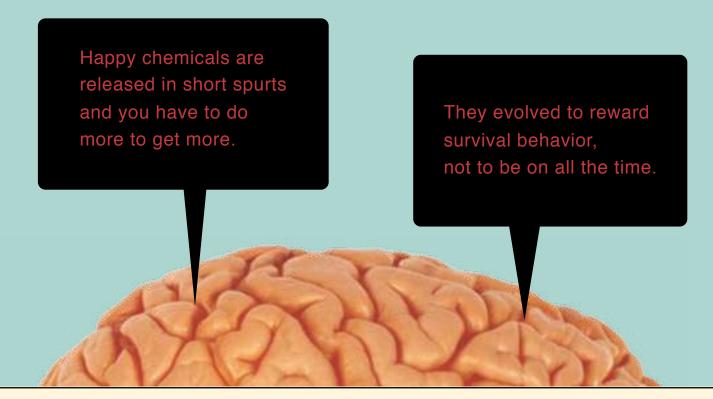
Your brain looks for ways to turn on the happy chemicals



Find new rewards that meet your needs.

Find social support and strengthen it.

Become special in the eyes of others.





Your brain defines your survival needs in a quirky way



it cares about the survival of your genes

Your brain rewards you with a good feeling when you do something good for your genes: for your mating prospects or your children's prospects.

it learn from the experiences of youth

Whatever met your needs in youth built neural pathways that turn on your happy chemicals today, regardless of what you remember.

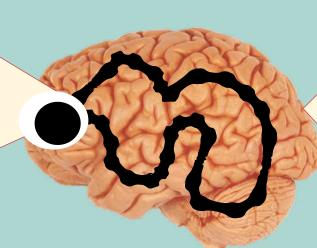
Your happy chemicals are inherited from earlier mammals. They motivate an animal to do what it takes to meet survival needs.

Your happy chemicals are controlled by neural pathways you built long ago. You can build new pathways if you try.



Your brain sends new inputs through old pathways

the electricity in your brain flows like water in a storm, finding the paths of least resistance



you keep repeating old responses unless you build new path ways

You can build a new path by repeating a new behavior for 45 days without fail.

It won't feel good at first because your brain equates the old path with survival. But if you persist, electricity will flow down your new path, and you will turn on your happy chemicals in new ways.



#1 Know the job of each happy brain chemical

dopamine

serotonin

oxytocin

endorphin

the joy of expecting a new reward

- · meets a need
- · "I can get it!"
- novelty

The brain habituates to rewards, which is why we keep seeking new and improved.

the pleasure of gaining a one-up position

- social importance
- getting respect
- pride

We easily see this in others but we hate to see it in ourselves. the comfort of social trust given or received

- ·safety in numbers
- social support
- · touch

The brain releases trust cautiously to promote survival and avoid harm. oblivion that masks physical pain

- evolved for emergencies
- ·exercise, laugh

Do not inflict pain to get it: it's a bad spiral. Belly laugh & stretch daily.

Your happy chemicals are inherited from earlier mammals. They're released in short spurts, so you have to do more to get more.



#2 Tough choices are the task your brain is meant for



VS

dopamine

A step toward tighter social bonds may be a step away from your individual goals; and vice versa. You get to weigh and choose.

serotonin vs

oxytocin

A step toward higher status may be a step away from your social bonds; and vice versa. Outcomes are never certain but you get to choose.

dopamine vs serotonin

A step toward your personal goals may be a step away from higher status; and vice versa. You can't get it all but you can choose your steps. cortisol

VS

chemicals

Every step toward meeting your needs could bring risk and stress. But if you don't take a step, that's a risk too. Your brain is designed to manage this!

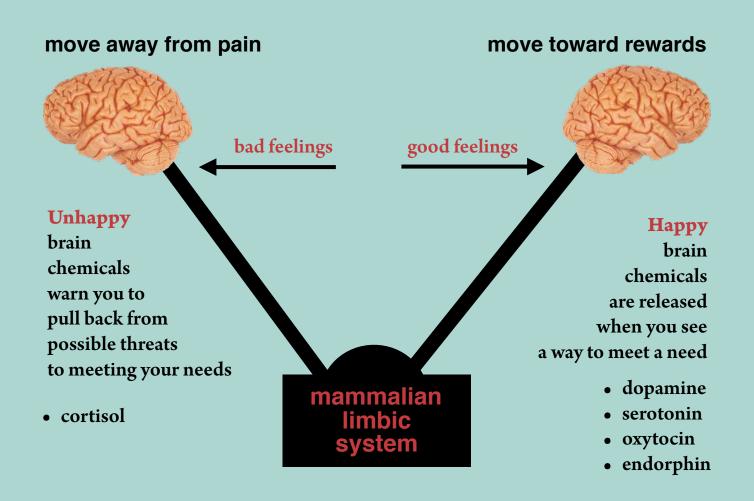
Frustration is natural. When you can't have it all, don't blame the world. Natural selection built a brain that seeks more. Celebrate your choices.



Inner Mammal Institute making peace with the animal inside

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#3 Your brain is always trying to get rewards and avoid pain



Your brain defines your needs
in a quirky way. It cares about the
survival of your genes as much as your body;
and it relies on pathways it built in youth.

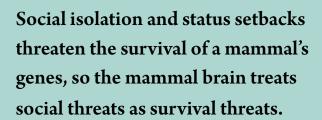


#4 Your brain defines pain and threat in a quirky way

it anticipates pain based on past pain

it confuses social pain with physical pain

The cortisol spurts of your past connected neurons that turn it on today when similar patterns reach your senses.



Cortisol is pain, fear, stress, and anxiety.
Without effort or intent, it alerts you to scan for familiar threat signals.

Consciously, you know a social disappointment won't kill you, but your mammal brain scans for potential social threats and turns on the cortisol alarm.

Cortisol creates

a bad feeling that motivates you to

"do something fast!" to make it stop. But it's
metabolized in 20 minutes if you don't re-trigger.



#5 Your brain relies on pathways built from early experience

The electricity
in your brain flows like
water in a storm,
finding the paths of
least resistance.

The pathways built before age eight became the superhighways of your brain because they got paved with myelin.

Mirror
neurons wire
you to repeat behaviors
observed in
youth.

What
ever
triggered your
happy chemicals
in youth connected
neurons that turn on
your happy chemicals today.

Puberty
brings another
myelin surge, which is
why the experiences of
puberty shape our ups
and downs in
surprising
ways.

Your brain uses the pathways you have until you give your electricity a new place to flow.

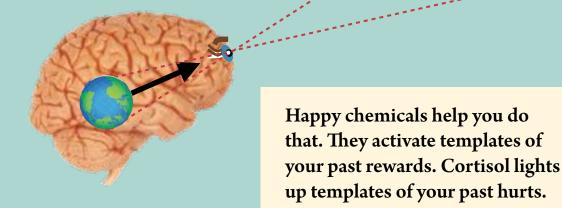
It takes lots of repetition after your myelin years.



#6 Your Pathways Give Meaning to the World Around You

The world constantly floods your senses with more detail than your brain can process. You have to sift and sort to make sense of things. Your existing pathways let you do that effortlessly.

You have ten times more neurons going TO your eyes than FROM your eyes. Your brain tells your eyes what to look for instead of just receiving.



Your brain chemicals are managed by structures that all mammals have in common (like the amygdala, hippocampus, hypothalamus). They help you respond to sensory inputs as "good" or "bad."

Your mammalian

limbic system and your cortex are
always working together to interpret the
world so you get rewards and avoid pain.



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making peace with the animal inside

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#7 Repetition can build new pathways in your brain

We all
end up with
some pathways
that lead where we'd
rather not go.

You can rewire your brain to feel good when you do things that are actually good for you.

Choose a new behavior or thought pattern and repeat it daily for 45 days.

But
electricity will zip
down a new path to
your happy chemicals
if you persist
without fail.

It will
feel unsafe at
first because your
brain linked your
old path to
survival.

InnerMammalInstitute.org
can help. We have books, videos,
social media, blogs, and slides that will
help you step toward the brain you want.

