Occupational Burnout

The Science Behind Stress in the Workplace

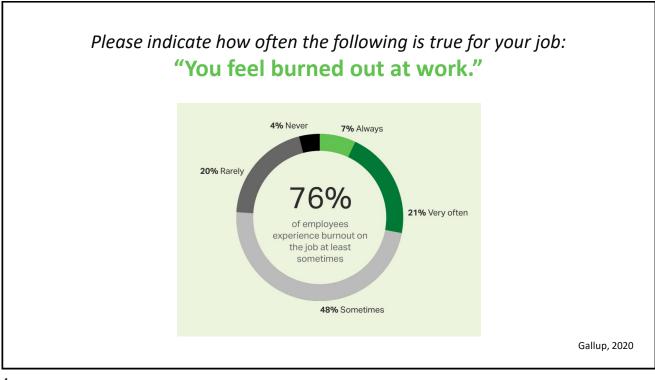
Janelle Tarasewicz | Principal Consultant

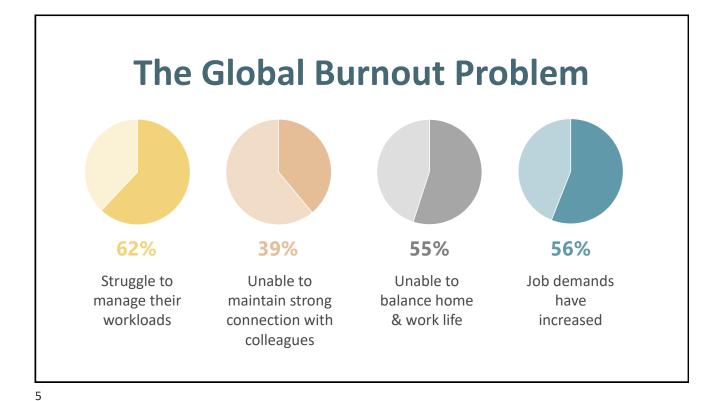
APERTURE



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To: I am working the rest of this week and on Monday and then I will be in labor.	ut of Office	
I am working the rest of this week and on Monday and then I will be in labor.		Sun, Sep 5, 2021 at 6:23 PM
		will be in labor.
	f you email/call me while I am in the hospital there may be a b	





	01	The Science of Stress
	02	Occupational Burnout
FOCUS	03	Managing Personal Pressure
	04	Managing Organizational Pressure
	05	The Role of Senior Leadership

APERTURE EQ

01 **The Science of Stress**

Symptoms of Stress Physical, Cognitive, Emotional

- Digestive problems
- Headaches
- Muscle tension and pain
- Heart disease
- Heart attack and stroke
- Weakened immune system
 High blood sugar
- Memory impairment
- Concentration issues

- Anxiety
- Depression
- Sleep problems
- Weight gain
- Heartburn
- High blood pressure
- Just to name a few...

Stress Begins in the Brain



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Amygdala Detects Threats

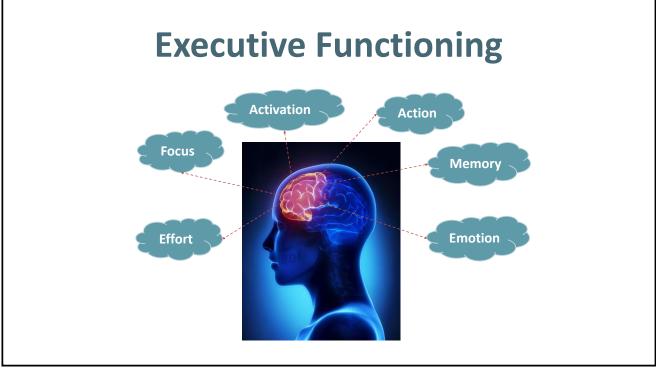
- Located within the limbic system, the amygdala's role is to detect and assess potential threats
- The amygdala notifies the hypothalamus, which then triggers the fight or flight response



Fight or Flight Response

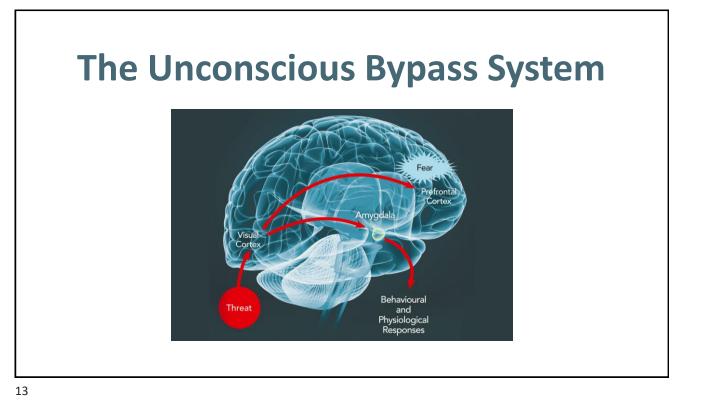


- The hormone **epinephrine** (aka, adrenaline) floods the blood and initiates a number of short-lived physiological changes.
- This stress response impacts your ability to think critically and use reasoning to guide your behaviors.



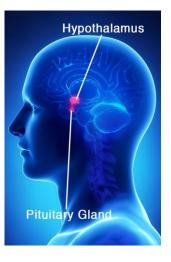
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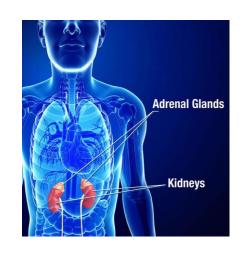


Our "Second Stress" System

- While short-term, adrenaline-driven stress responses are occurring, the hypothalamus activates a second "stress system."
- The hypothalamus and pituitary gland send signals to the adrenal glands to produce the **hormone cortisol**.



The "Stress Hormone" Cortisol

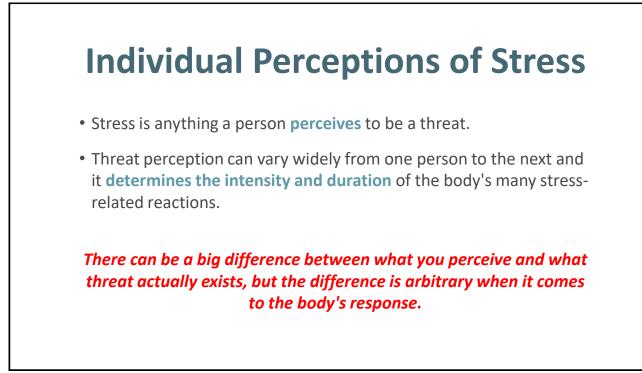


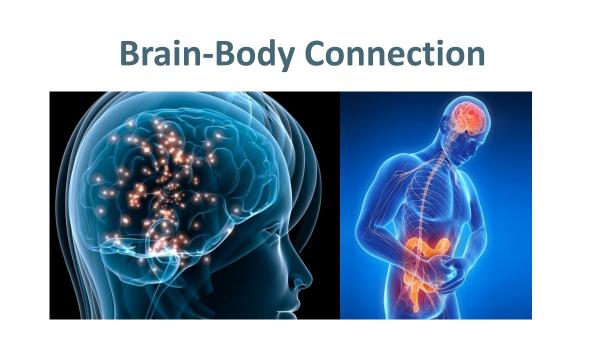
- Cortisol plays an important role:
 - Manages how body uses proteins, carbohydrates, and fats
 - Keeps inflammation down
 - Regulates blood pressure
 - Increases blood sugar (glucose)
 - Controls sleep/wake cycle
 - Boosts energy and restores balance
- Burnout as "adrenal fatigue"

Acute vs. Chronic Stress

- Acute (short-term) stress can benefit the brain; stress causes brain the produce hormones that boost ability to learn and remember, increases motivation, etc.
- Chronic (long-term) stress is linked to a wide range of cognitive, emotional, and physical consequences.
- For employers, there are important implications regarding worker's comp claims, accommodations, safety issues, etc.

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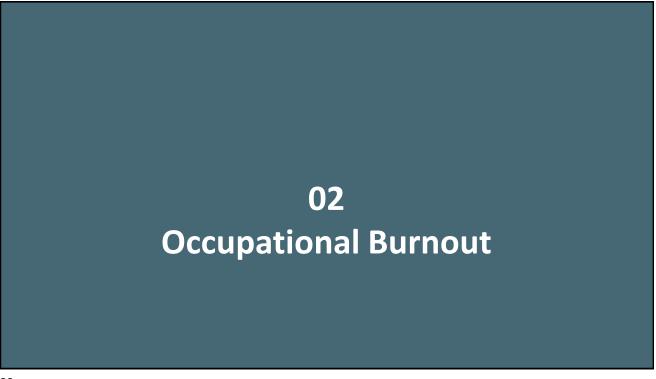


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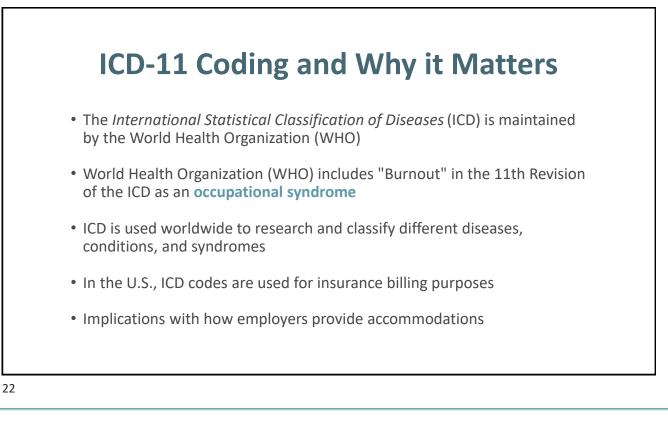


A Quick History

Psychological and physical stress has been studied for decades, a few highlights...

- In 1930s, Hans Selye (Hungarian-Canadian endocrinologist) was the first scientist to identify "stress" as underpinning signs and symptoms of illnesses
- In 1974, Herbert Freudenberger (American Psychologist) attributed with coining the word "burnout"
- In 1976, Christina Maslach (American Social Psychologist) popularized the concept of occupational burnout and pioneered the continued research on the topic

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A Shifting Perspective

From being an individual issue...

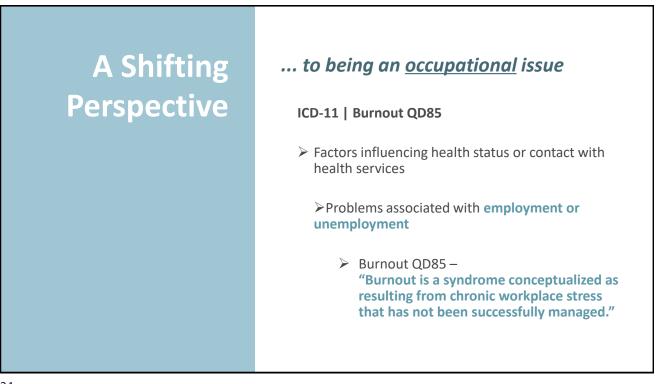
ICD-10 | Burnout Z73.0

Persons encountering health services in other circumstances

➢ Problems related to life-management difficulty

Burnout Z73.0 – "State of vital exhaustion"

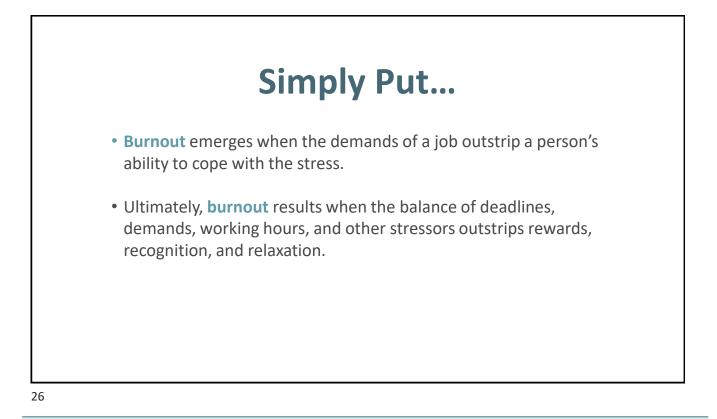
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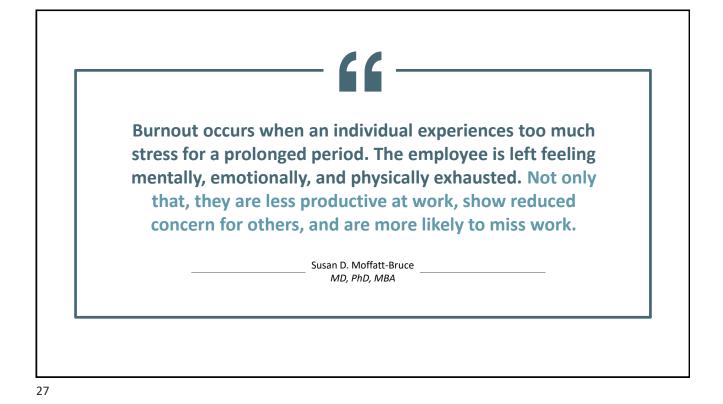


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Burnout as Defined in Revised ICD-11 Burnout is characterized by three dimensions: Feelings of energy depletion or exhaustion; Increased mental distance from one's job, or feelings of negativism or cynicism related to one's job; and A sense of ineffectiveness and lack of accomplishment. Burnout refers specifically to phenomena in the occupational context and should not be applied to describe experiences in other areas of life.







Early Predictors of Burnout	 The following factors are recognized as early predictors of burnout: Job demands that exceed human limits. Role conflict leading to a perceived lack of control; being under pressure from several, often incompatible, demands that compete with one another. Insufficient reward and lack of recognition for the work performed, devaluing both the work and the worker. Lack of support from the manager or team, consistently associated with exhaustion. Work perceived as unfair or inequitable, caused by an effort-reward imbalance. Relationship between the individual and the environment leading to feelings of imbalance or a bad fit. (Such incongruity connects with excessive job demands and unfairness at work.)
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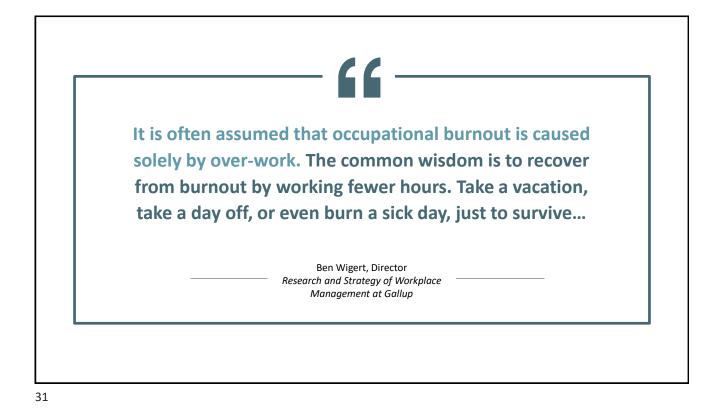
Brain-Body Connection

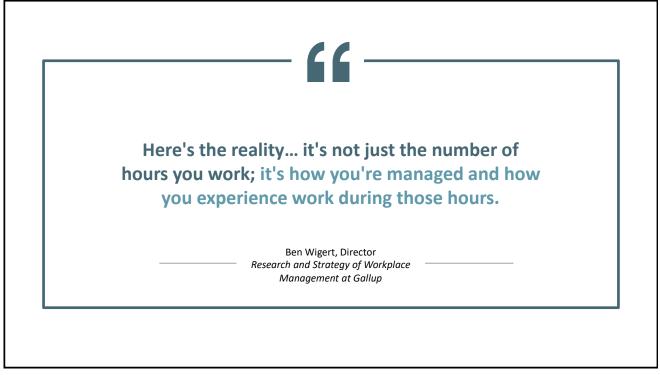
The following feelings, physical complaints, and thought patterns accompany stress and manifest in the workplace:

- **Feelings**: tired, irritable, distracted, inadequate, and incompetent.
- **<u>Physical</u>**: muscular aches and body pain, headaches, increased or reduced appetite, weight change, and nausea.
- **<u>Emotional</u>**: feeling trapped, hopeless, and depressed.
- <u>Mental</u>: poor concentration, muddled thinking, and indecisiveness.





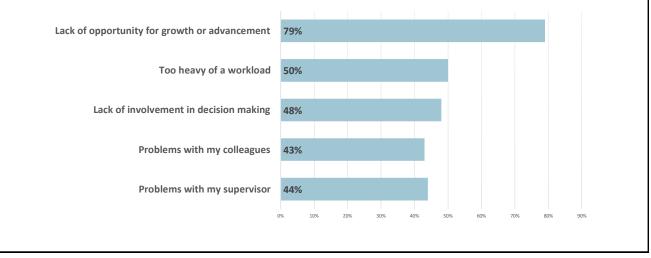


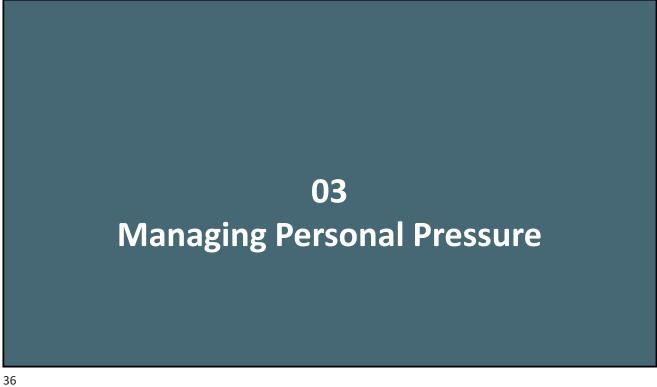


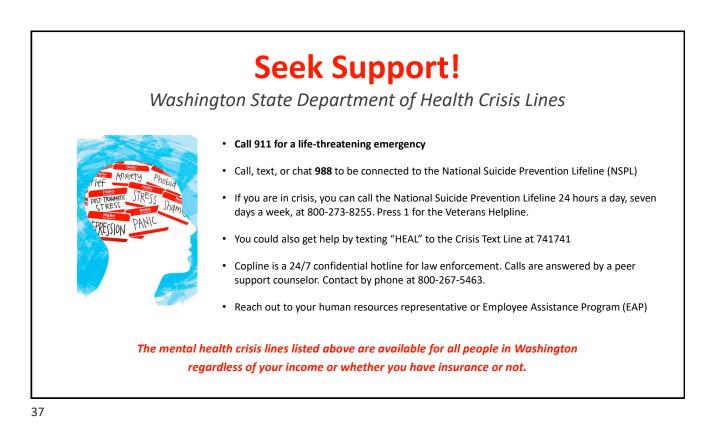














- Get 7 to 8 hours of sleep each night
- Turn off the news or social media and get into nature
- Take advantage of annual leave
- Engage in regular cardiovascular exercise
- Reduce caffeine and alcohol intake
- Maintain a support network of friends, family, and colleagues
- Make time for rest, relaxation, and self-care
- Meditation or practice deep diaphragmatic breathing

Only Have a Quick Minute?

- Trigger a pressure point
- Slow your breathing
- Clear the clutter on your desk
- Think positive thoughts
- Drink tea
- Use essential oils

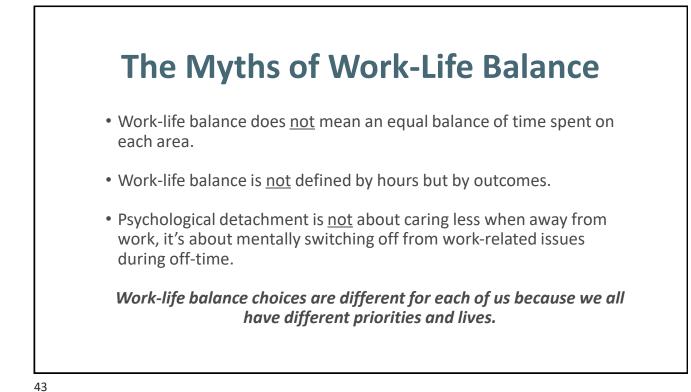
Psychological Detachment from Work

- Technology and remote work makes it possible to perform job tasks from anywhere and at any time, making it increasingly difficult to switch off and leave the stress of work behind.
- **Psychological detachment** from work refers to a state in which people mentally disconnect from job-related issues when they are away from work.



Understanding the Work-Life Barrier

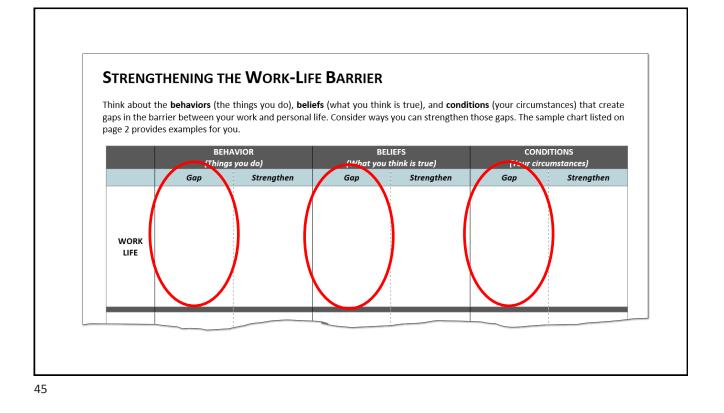
- Cultivating a solid barrier between work and personal life is imperative to psychological detachment.
- The absence of a strong barrier between the two roles may limit opportunities to recharge and unwind from work-related stressors.
- It's essential to identify the **behaviors**, **beliefs**, and conditions that create "gaps" in the work-life barrier.





- Some behaviors (the things you do), beliefs (what you think is true), and conditions (your circumstances) make it easier to separate the two roles and leave the stresses of work behind at the end of the day.
- Certain behaviors, beliefs, and conditions can also create "gaps" in your work-life barrier, which weaken it and allow stressors from work to spill over to your private life.

When you know what weakens your work-life barrier, you can identify what is needed to fill these gaps and prevent work issues from spilling into your private life.



WORK LIFE | Identifying Gaps

BEHAVIOR (Things you do)

I say "yes" to more work, even when under pressure, and often find myself spending a lot of time on unimportant tasks.

I don't take enough breaks during work to recharge.

BELIEFS (What you think is true)

"I have to keep working until all my tasks are done."

"My work needs to be perfect every time."

"Not finishing things in time is my worst nightmare."

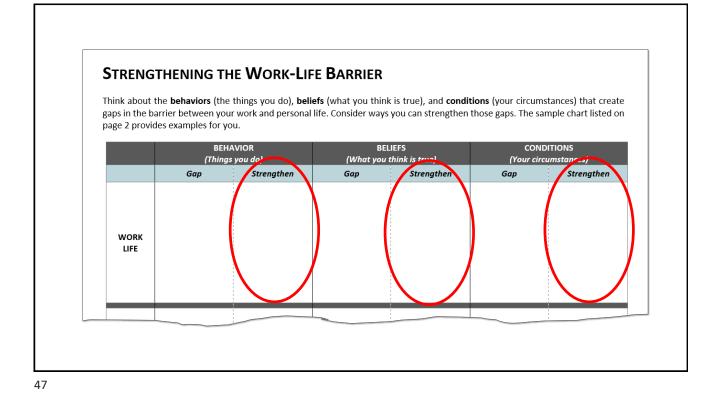
CONDITIONS (Your circumstances)

I often don't have enough time to finish my tasks.

I don't have the opportunity to use my strengths at work.

I get frustrated easily with my work colleagues.





WORK LIFE | Strengthen Barrier

BEHAVIOR (Things you do)

I will prioritize tasks and stop spending time on less relevant things.

I will take sufficient breaks during work to restore energy from previous efforts.

BELIEFS (What you think is true)

"There is only so much you can do on a workday."

"Not everything I do has to be perfect."

"The world will keep on turning when I will not finish things in time."

CONDITIONS (Your circumstances)

When I prioritize, I have enough time to finish tasks.

I will discover ways to use my strengths at work.

I will focus on the ways I build positive relationships at work.





PERSONAL LIFE | Identifying Gaps

BEHAVIOR (Things you do)

I take work-related calls and check emails at home.

I stay up late and feel tired in the morning.

I eat an unhealthy diet and do not exercise regularly.

BELIEFS (What you think is true)

"If I take too much time off, then I will be less productive."

"I have to make myself available around the clock, even when I'm at home, for work-related issues."

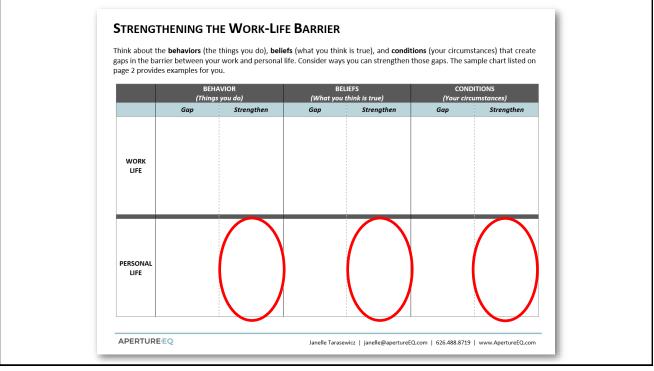
CONDITIONS (Your circumstances)

I don't spend time with friends.

I don't have hobbies or activities that bring me joy.

I don't have enough time to recharge my batteries when I'm at home.





PERSONAL LIFE | Strengthen Barrier

BEHAVIOR (Things you do)

I will not take work-related calls or check work-related texts and emails.

I will make sure to have a sufficient amount and quality of sleep.

I will eat more healthily and exercise more often.

BELIEFS (What you think is true)

"I will be more productive at work when I take enough rest at home."

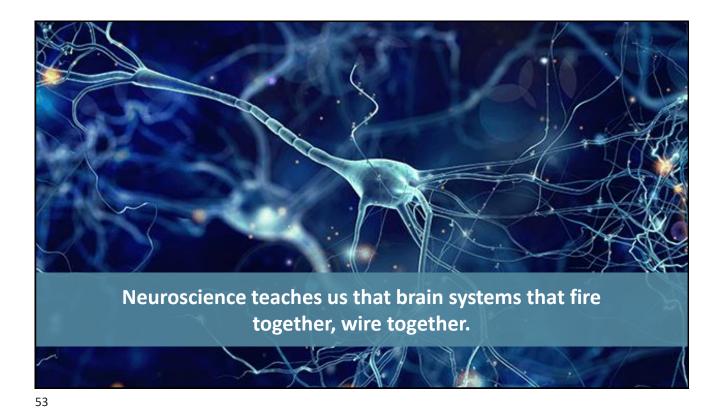
"I don't have to be available around the clock for work."

CONDITIONS (Your circumstances)

I have good friends to spend time with.

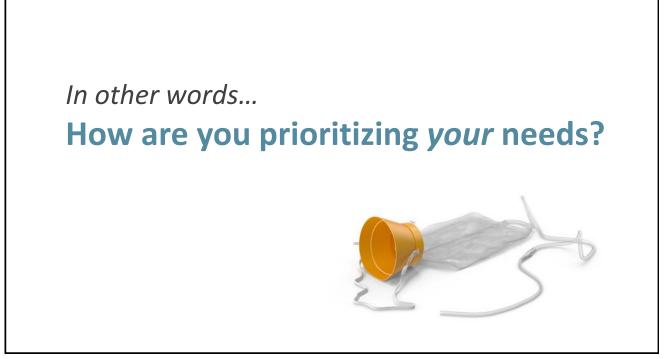
I will make more time for hobbies and activities that bring me joy.

I will make time to replenish my resources when I'm at home.



DISCUSSION | Strengthening the Work-Life Barrier Discussion Topics:

- 1. In what ways has this exercise changed how you think about your work-life balance?
- 2. What was challenging about this activity?
- 3. How might it feel to strengthen the barrier between your work and personal life?







A Team Challenge | Try the Idea On!



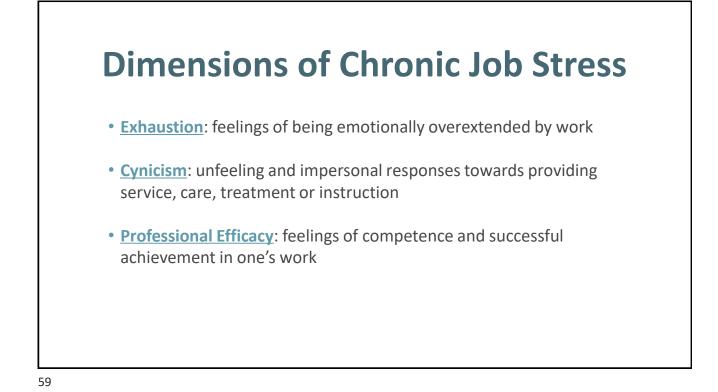
• The challenge of training in public service life...

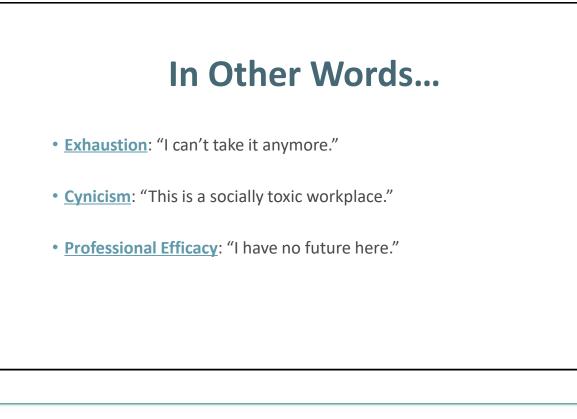
- Different disciplines (first responders, office staff, field staff, etc.)
- Different shifts (24/7, day shifts, graveyards, etc.)
- One person shops versus larger teams
- Try the idea on for size if it doesn't fit, then take it off!
- Give yourself time to process, talk with your team to share ideas, and reach out to others in like-disciplines for support

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Managing Organizational Pressure

- Understand that **burnout is a multi-faceted syndrome** and that using "burnout" as a synonym for "exhaustion" underrepresents the problem.
- Become aware and be able to discuss the symptoms and consequences of stress-related burnout, and environmental factors that may exacerbate it.
- Implement written policies and procedures to identify and minimize stress-related burnout and assure legal compliance with those efforts.





APERTURE EQ

Dimensions of Burnout in the Workplace

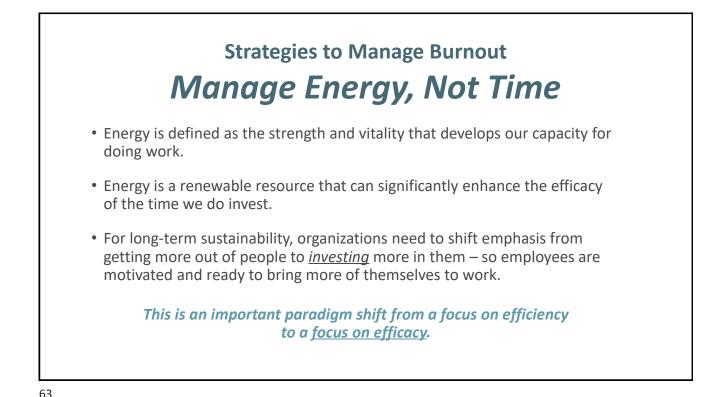
Research into burnout in the workplace recognizes employee well being through four dimensions:

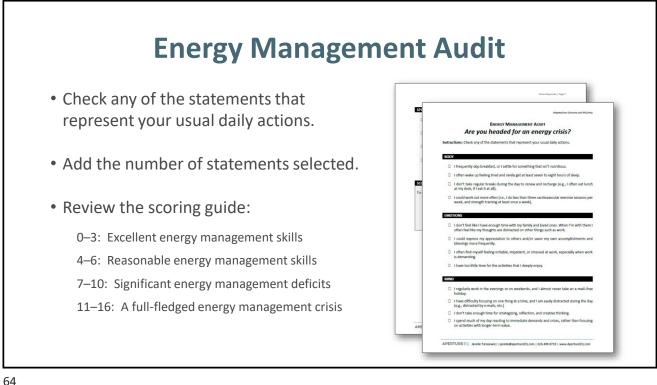
- Work-life integration
- Employer care
- Work satisfaction
- Organizational respect

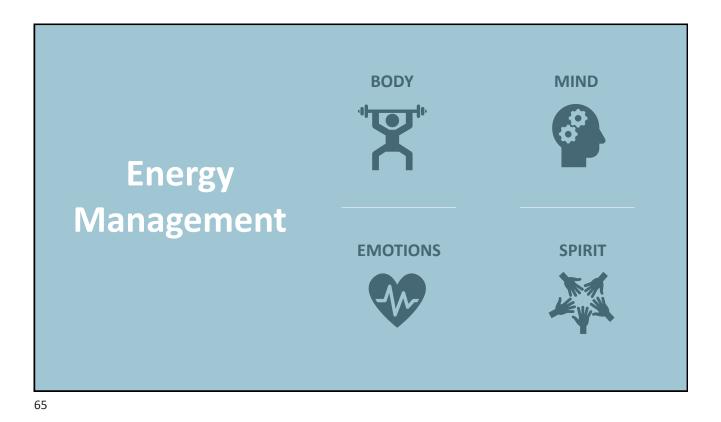
Balancing all four factors is essential to overall employee well being and reduces the likelihood of long-term and ultimately overwhelming pressure.

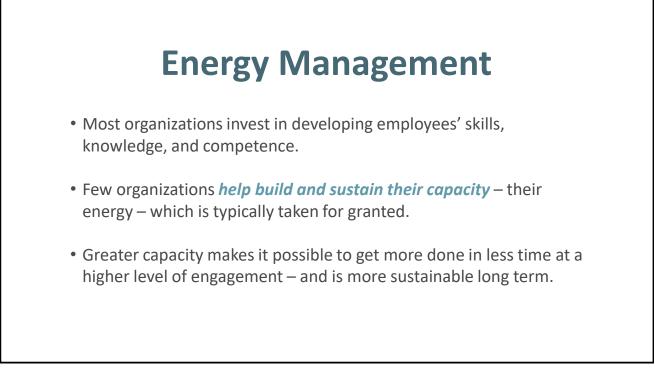


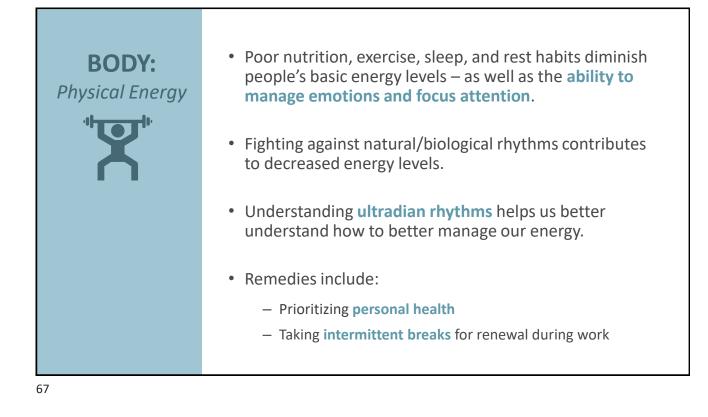


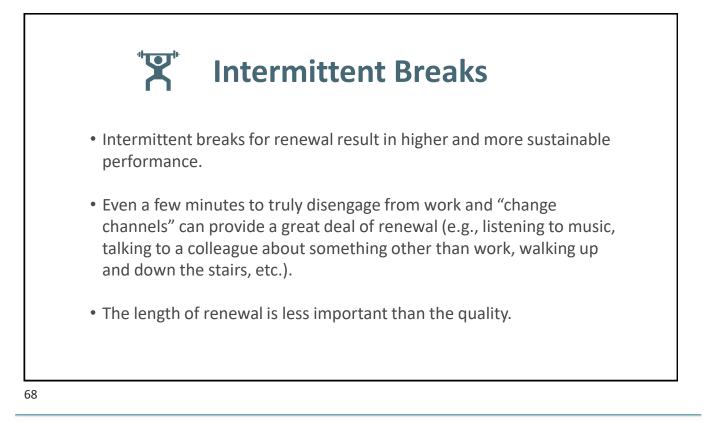








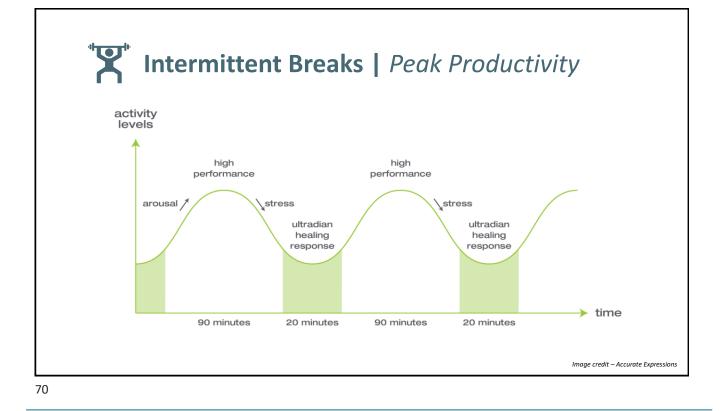




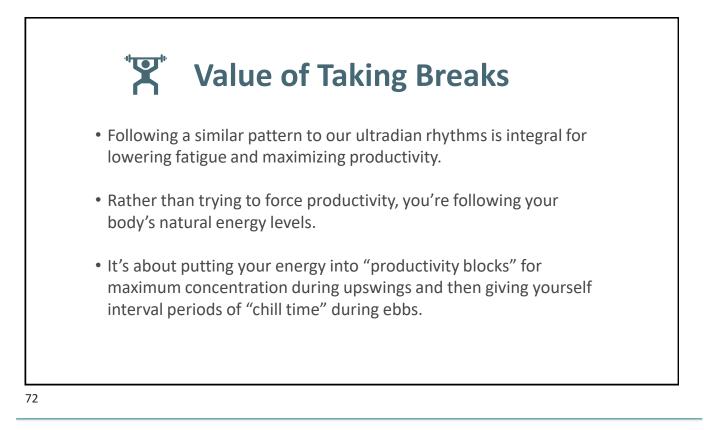
Thermittent Breaks | Ultradian Rhythms

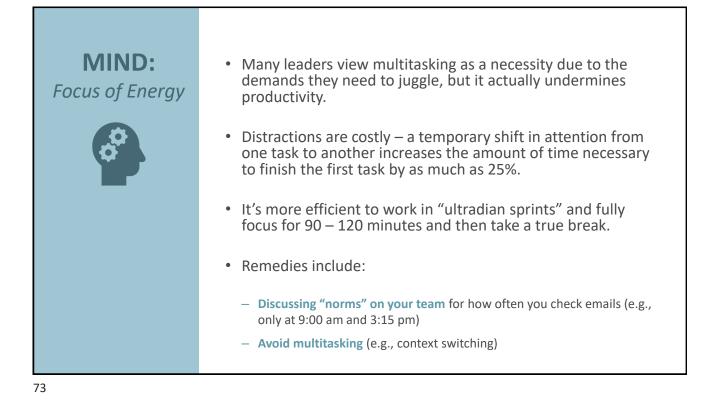
- Ultradian rhythms are biological cycles that take place within 24 hours, which can include everything from heartbeat, to blinking, to digestion.
- Ultradian rhythms are approximately 90- to 120- minute cycles during which our bodies slowly move from high-energy state into physiological stress.
- Toward the end of each cycle, the body begins to crave a period of recovery.
- There are clear signals of an ultradian slump physical restlessness, yawning, hunger, and difficulty concentrating... *but we often ignore the signals and keep working.*

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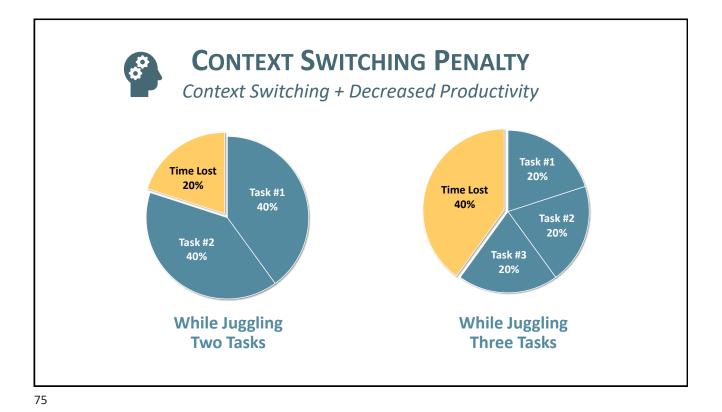


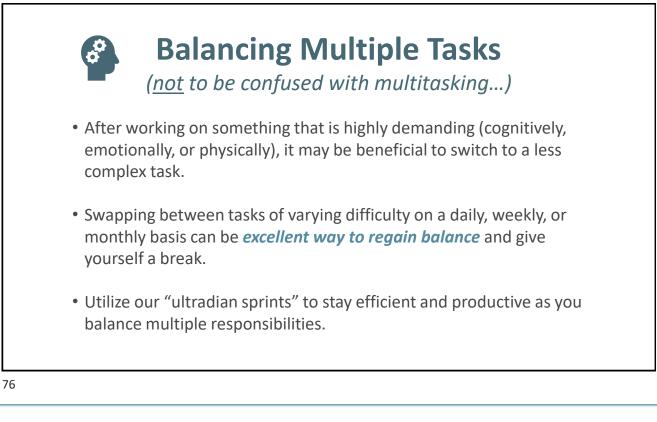






- Multitasking (or *context switching*) involves shifting your attention between different and unrelated tasks.
- Historically, multitasking has been viewed as a positive thing because it makes people feel like they're being more productive, but it only leads to distractions that leave you constantly sidetracked.
- The *context switching penalty* is the additional cognitive load your brain needs to process when moving from one task to another.
- Studies highlight that it takes on average anywhere from 15 25 minutes to refocus your attention on a task after a distraction or switch to a different task.





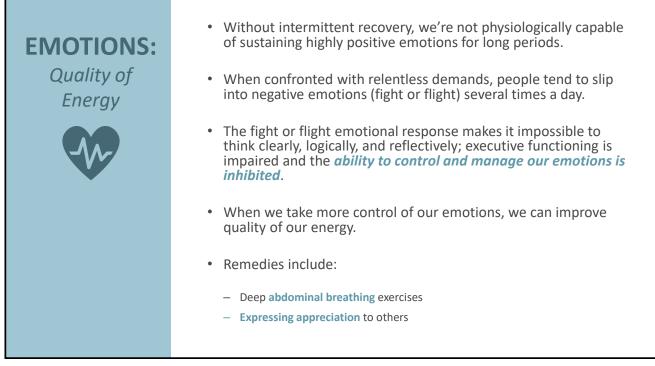
SAMPLE SCHEDULE #1 Implementing "Ultradian Breaks"

8:00 – 9:00 am	Cognitively <i>complex</i> project work (e.g., policy work, long term projects, planning, etc.)
9:00 – 9:10 am	Detach/Break
9:10 – 10:30 am	Emotionally/Cognitively <i>complex</i> work (e.g., team or individual one-on-one meetings, etc.)
10:30 – 10:40 am	Detach/Break
10:40 am – 12:00 pm	Project meeting, or another heavy <i>cognitively taxing</i> process
12:00 – 1:00 pm	Detach/Lunch

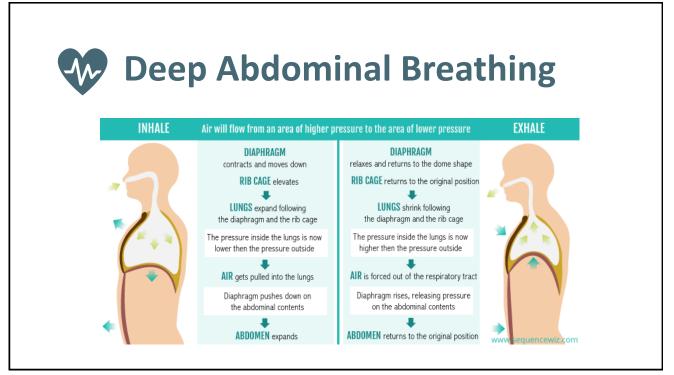
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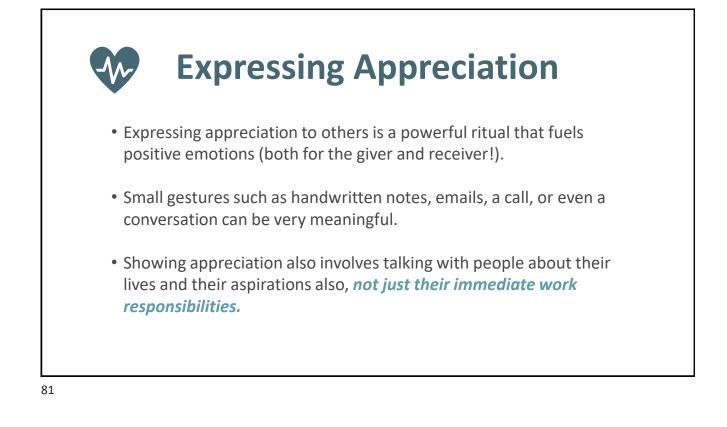
SAMPLE SCHEDULE #2 A Focus on Varying Difficulty Level

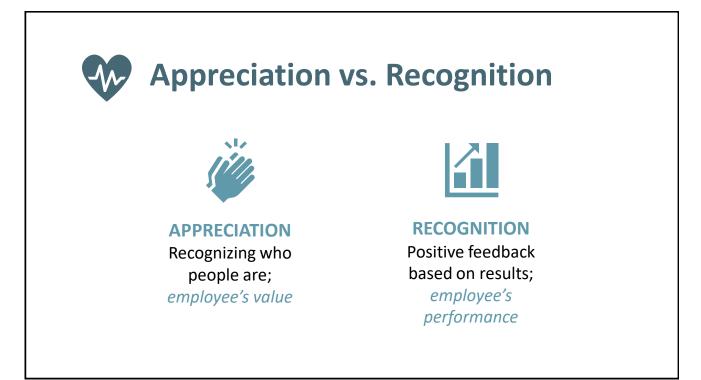
8:00 – 8:30 am	Answer emails and phone messages
8:30 – 9:30 am	Complex task (e.g., team meeting)
9:30 – 10:00 am	Administrative work (e.g., filing, organization, ordering supplies, etc.)
10:00 – 10:15 am	Detach/Break
10:15 – 11:30 am	Another <i>complex</i> task (e.g., event planning, project planning, etc.)
11:30 am – 12:00 pm	Follow-up on emails and phone calls

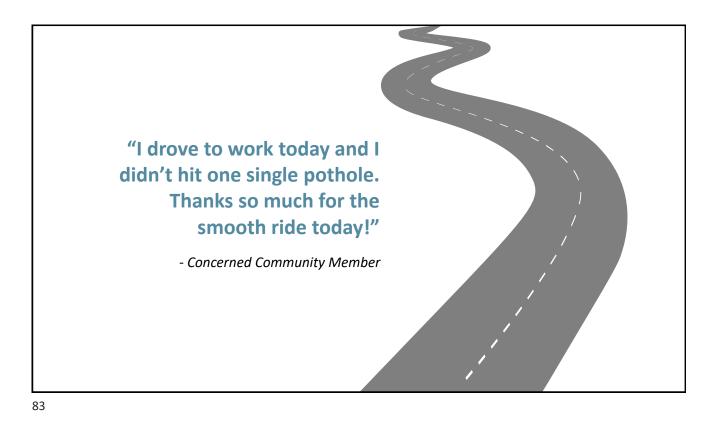


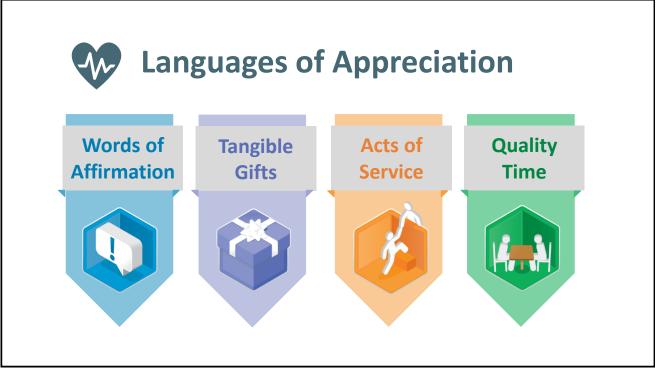


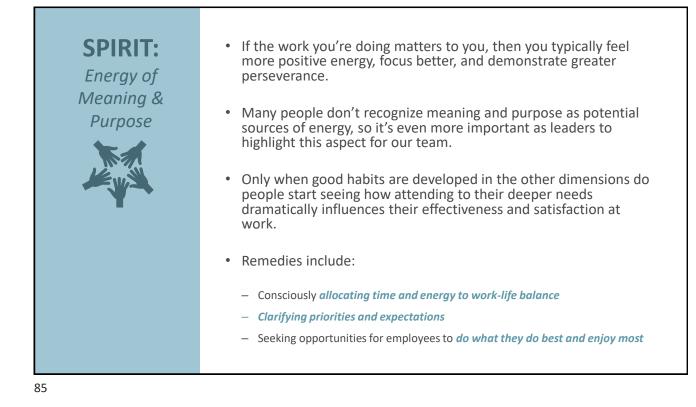


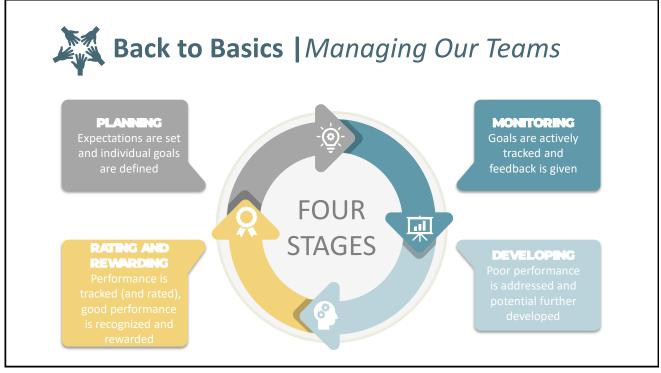


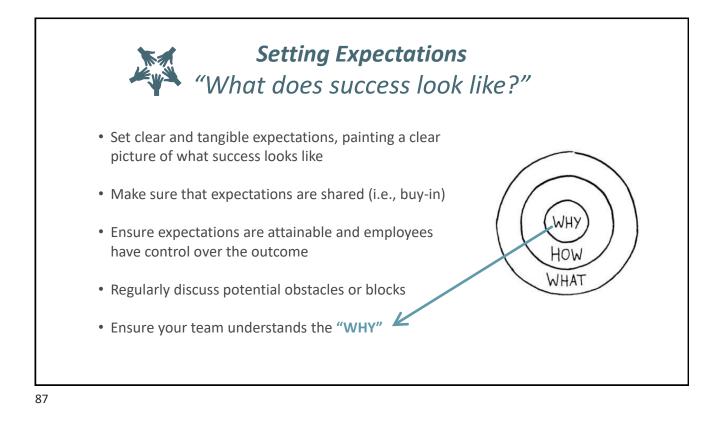


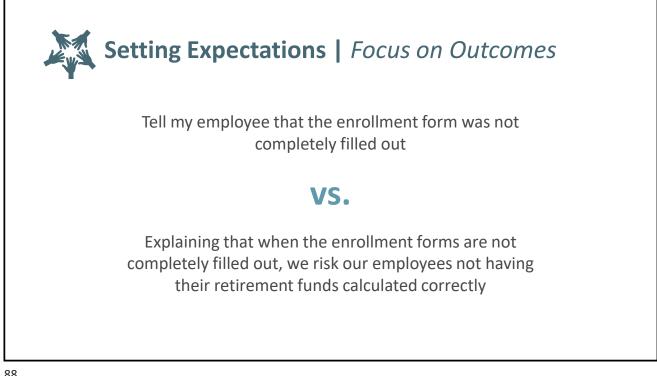


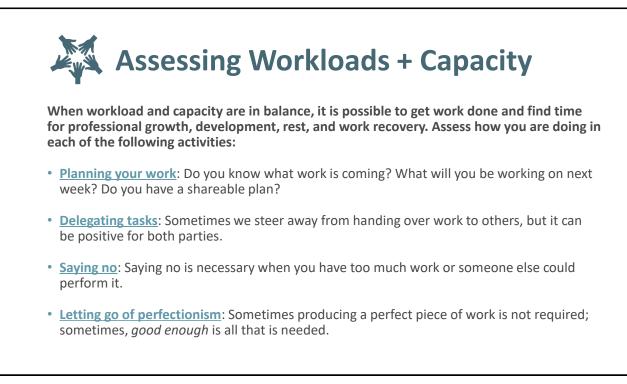


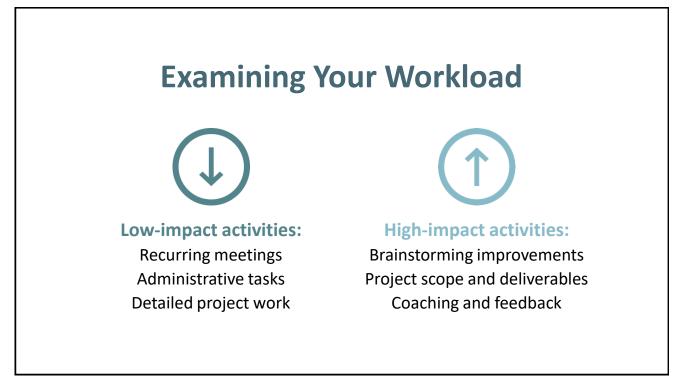


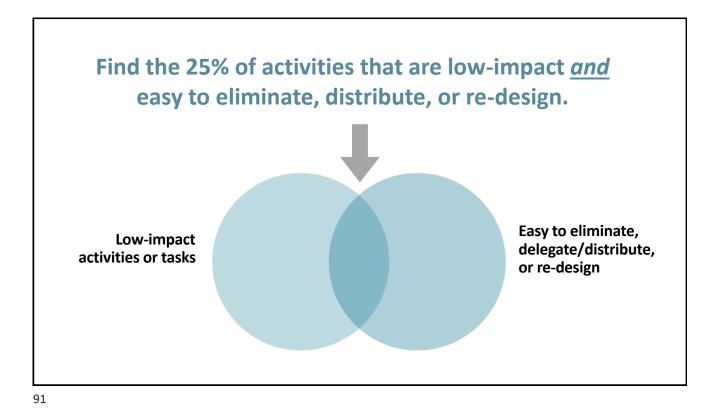




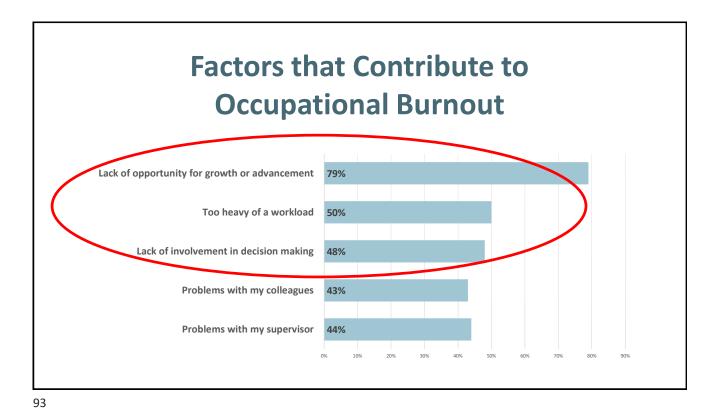


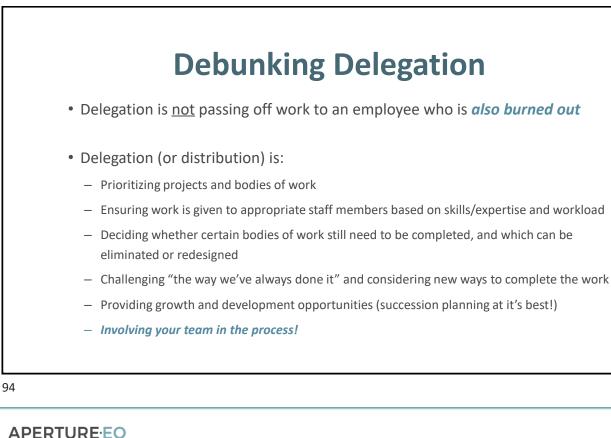


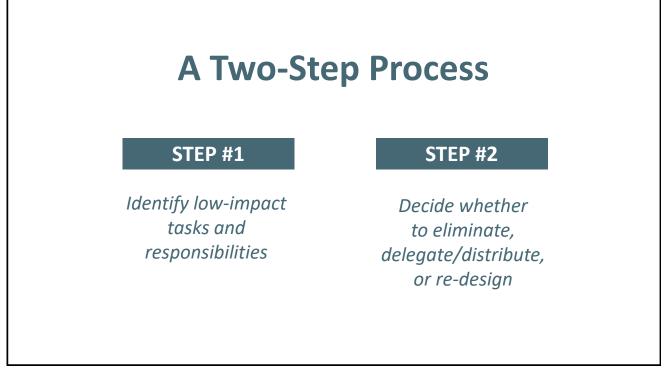




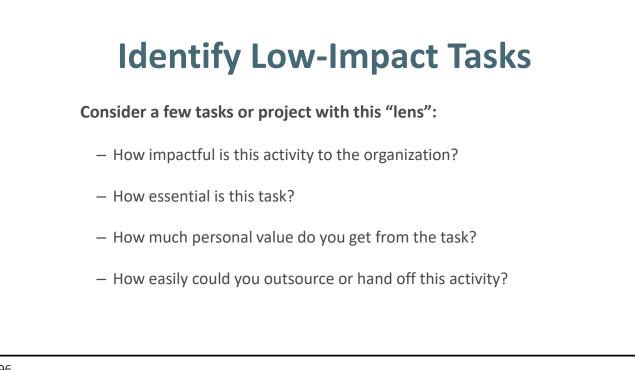


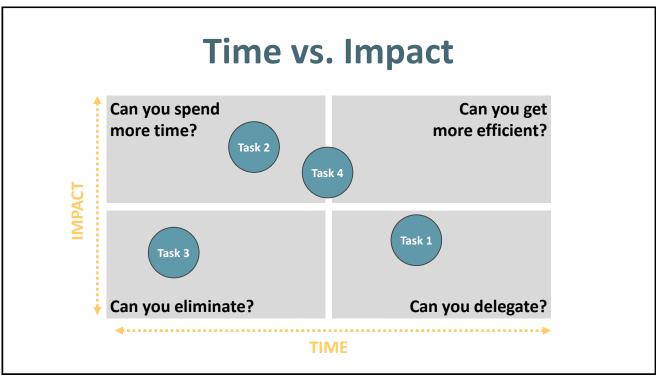




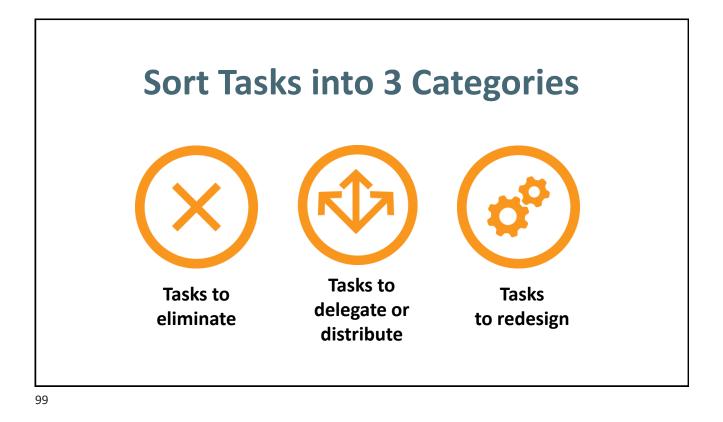


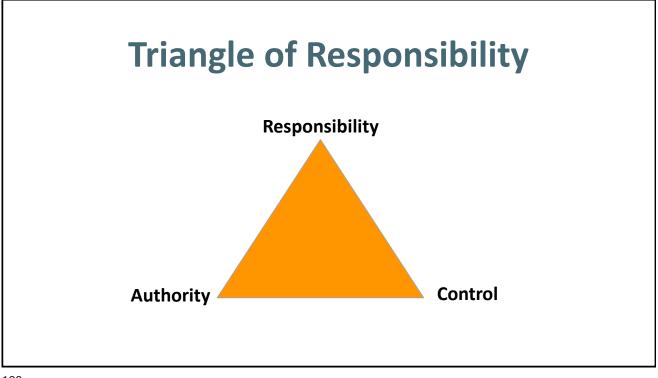


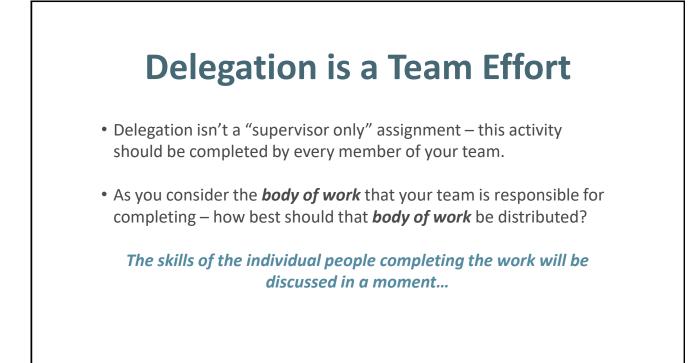




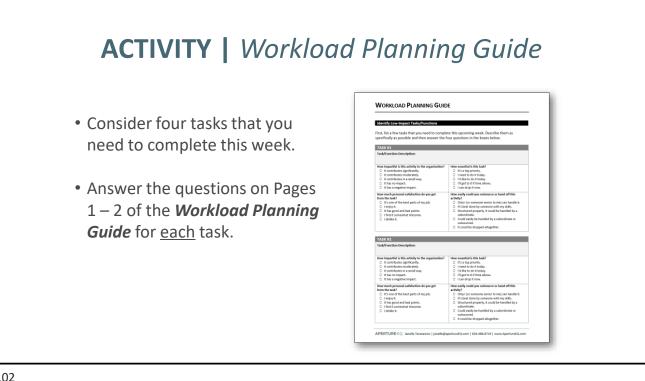
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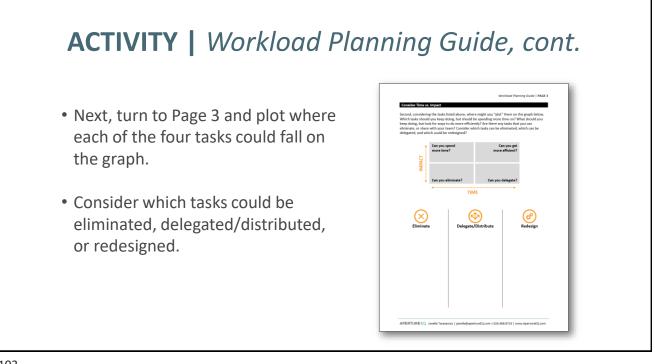






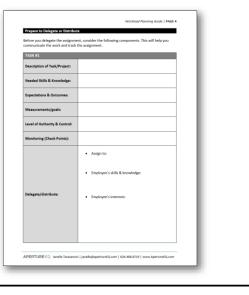


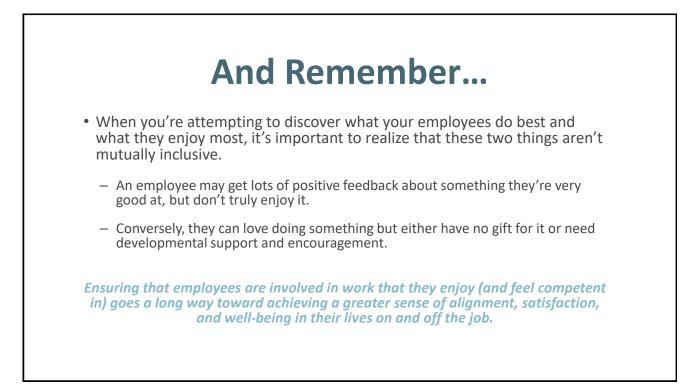




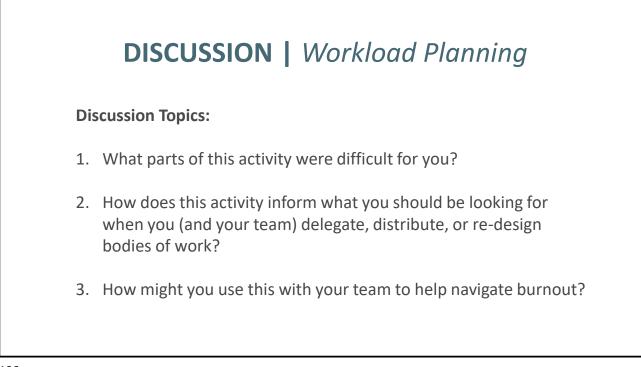
ACTIVITY | Workload Planning Guide, cont.

- Finally, turn to Page 4 of the handout.
- For <u>one</u> of your tasks, fill in the table considering the necessary skills, required outcome, level of authority required, etc.
- This is where we consider which of our team members are best suited to take on the body of work.

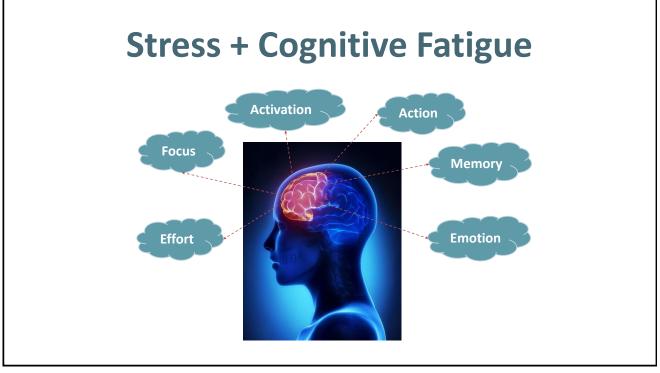




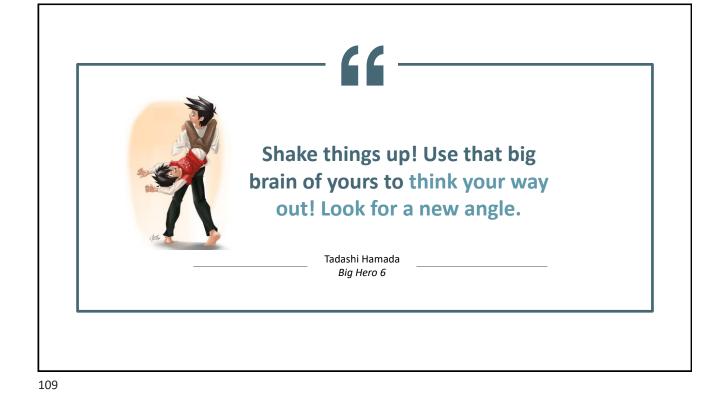






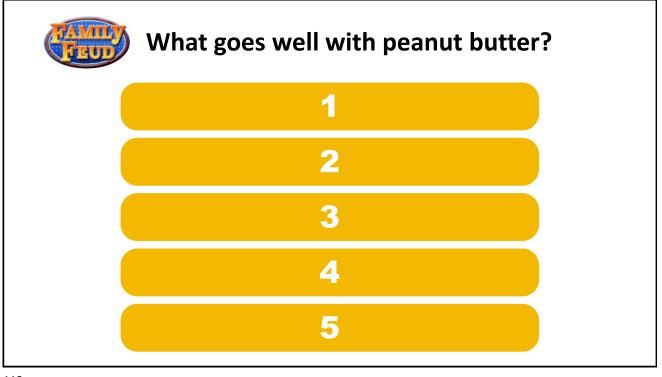


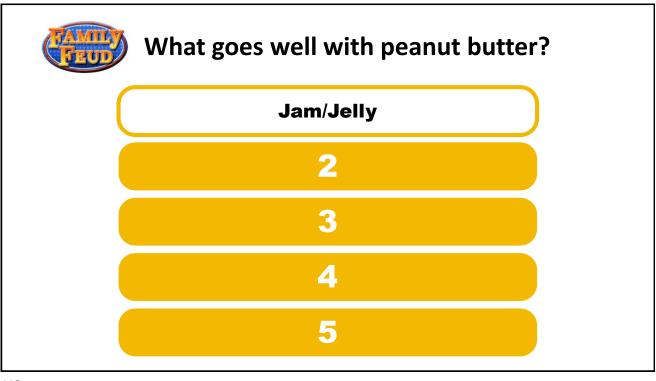
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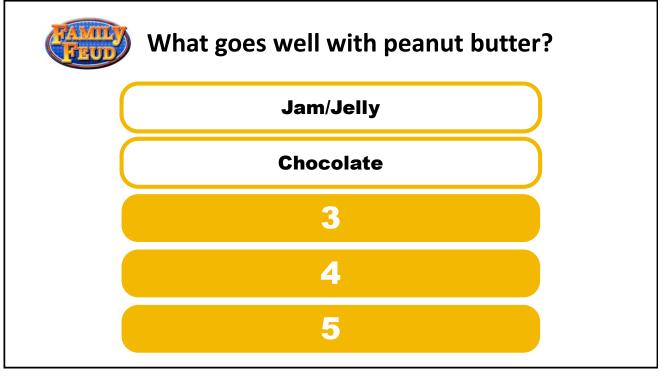


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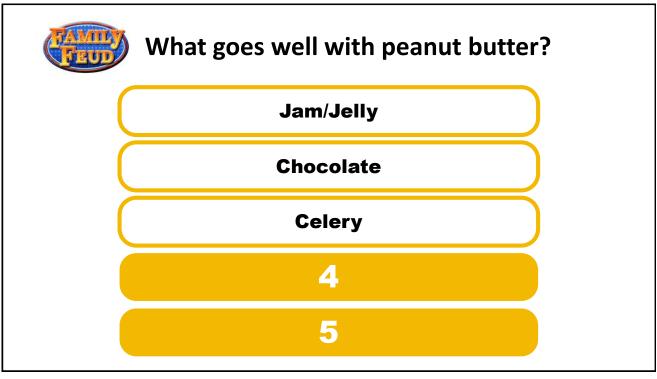


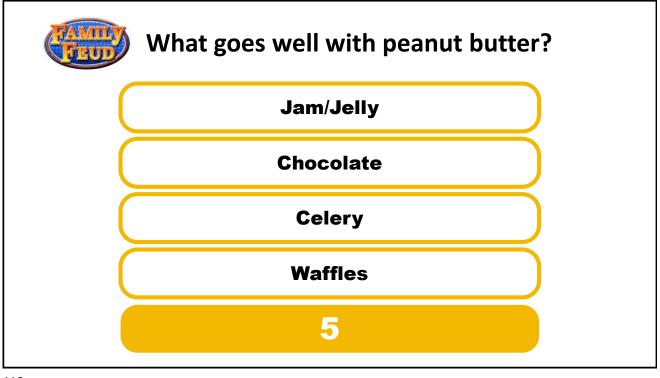




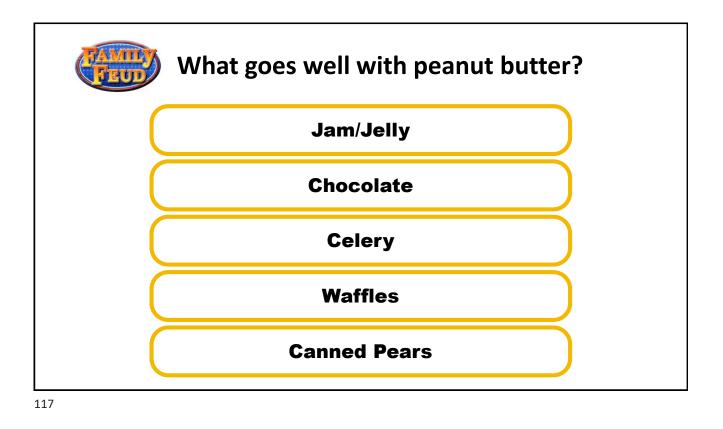


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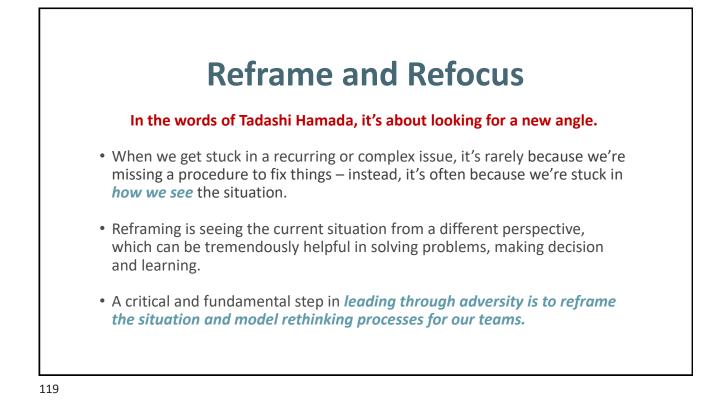


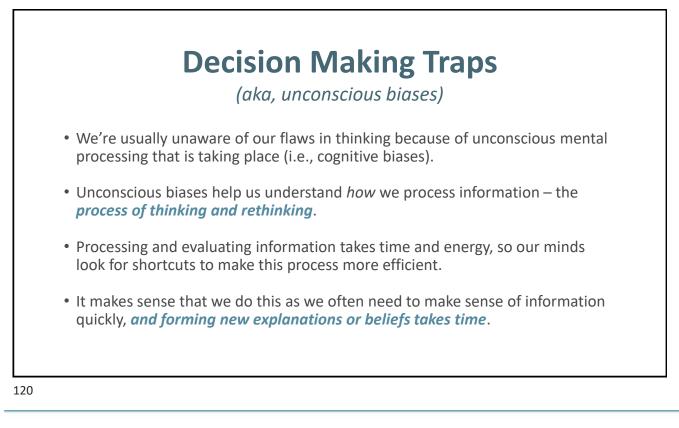


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Characteristics of Two Types of Thinking

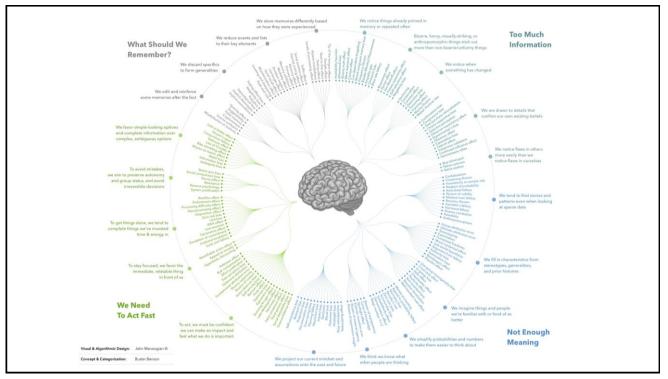
Type I – Intuitive Thinking

- Fast
- Automatic
- Outside your awareness
- More emotional
- Your immediate impulse
- Requires less mental energy
- Relies on tacit, implicit knowledge

Type II – Reflective Thinking

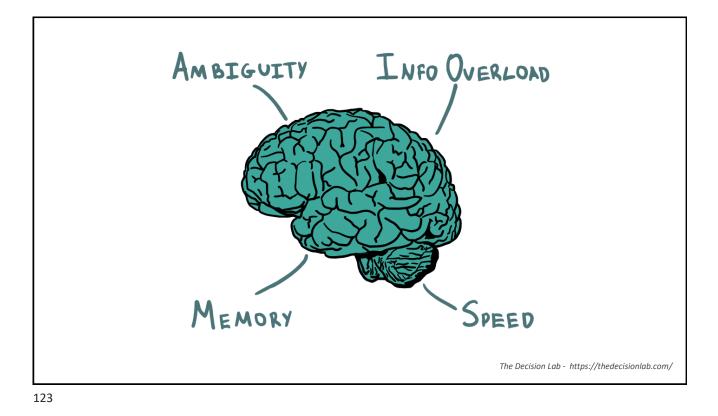
- Slow
- Intentional
- Under your control
- More logical
- Your careful analysis
- Requires more mental energy
- Relies on explicit knowledge

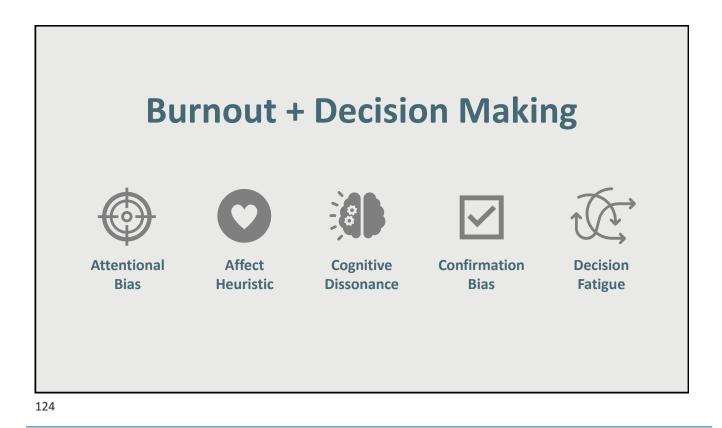
Evans and Stanovich

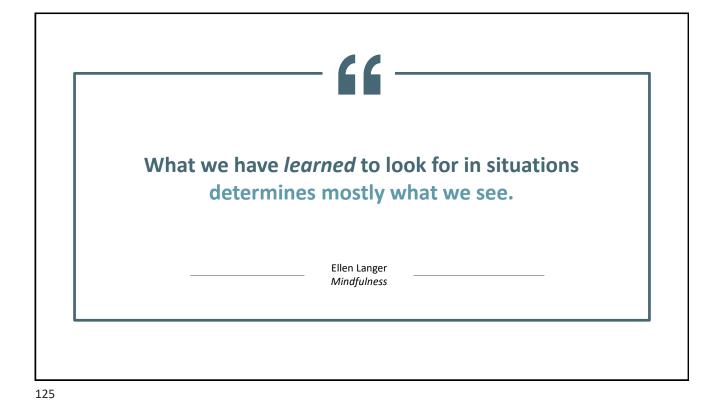


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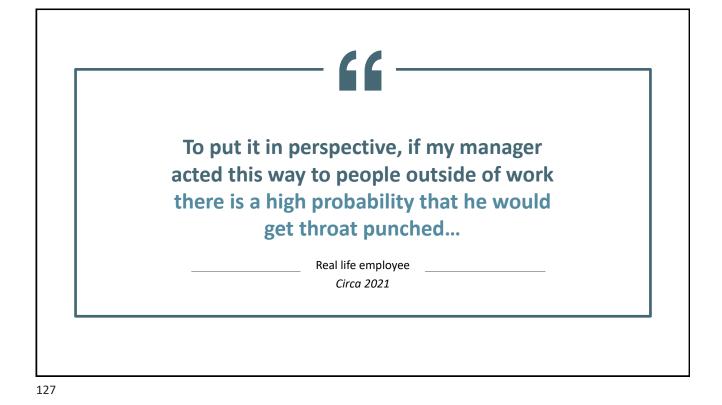
APERTURE EQ







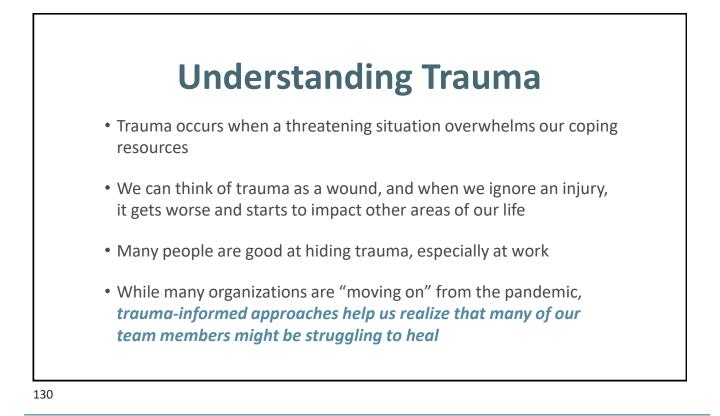


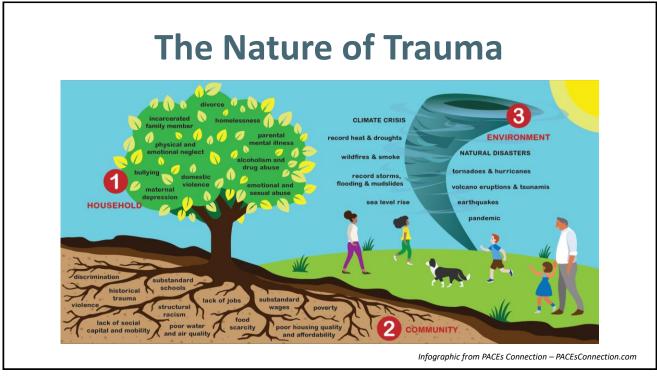




SAFETY + TRUST

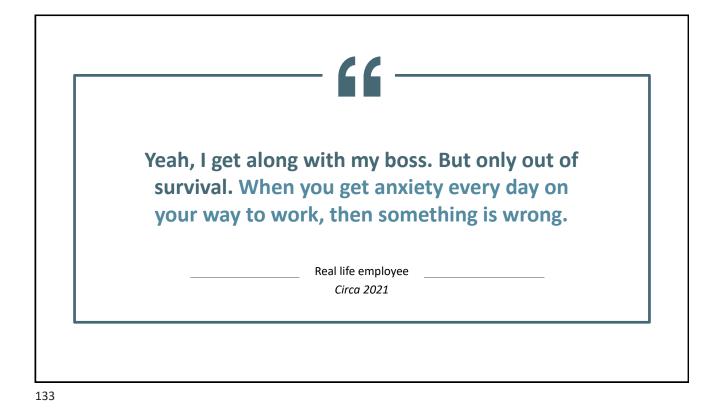
Through the lens of a trauma-informed workplace







Drauma-informed organization is one that operates with an understanding of trauma and its negative effects on the organization's employees and the communities it serves and works to mitigate those effects. Trauma is an emotional injury that affects performance and well-being. The same incident can affect different people differently, so the goal is to assess each individual and provide the supports they need.



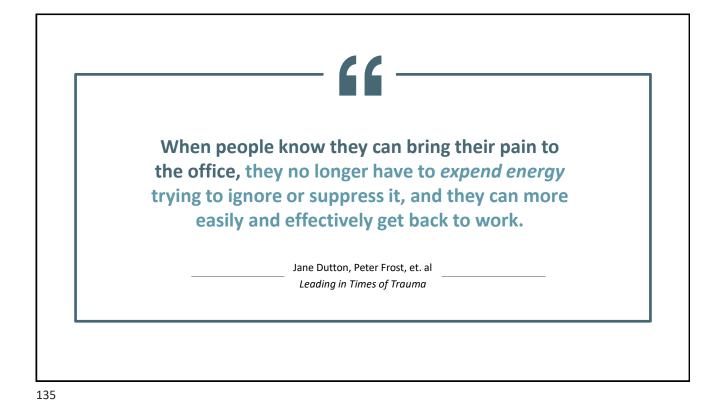
Stress and Trauma in the Brain

The brain doesn't distinguish between direct physical or psychological threats and threats due to chronic stress or past trauma.

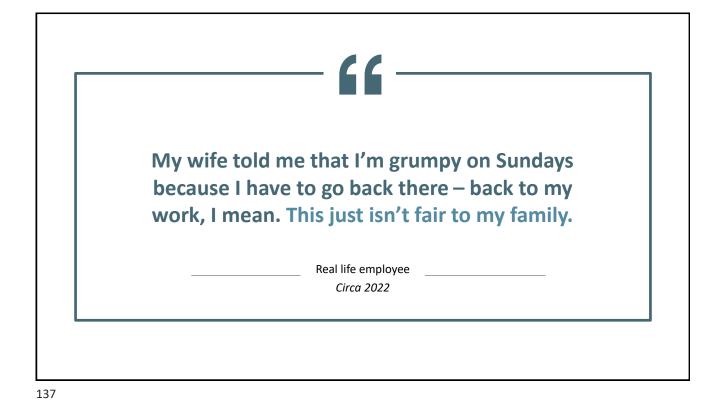
In the brain, a threat is a threat, and it triggers our "fight or flight" alarm system.

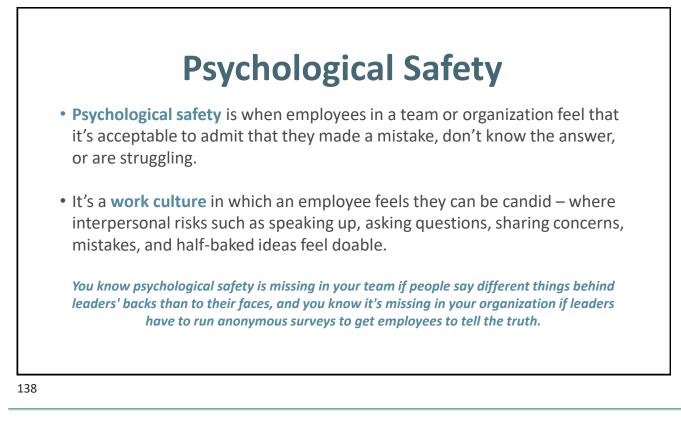














When You Have It:

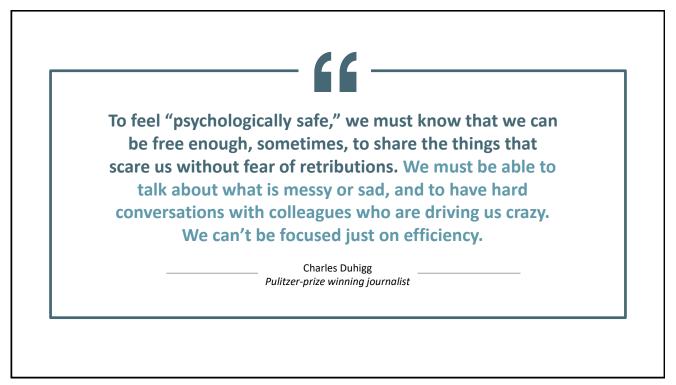
- See mistakes as opportunities to learn
- Willing to take risks and fail
- Speaking your mind in meetings
- Openly sharing your struggles
- Trust in your teammates and supervisors
- Sticking you neck out

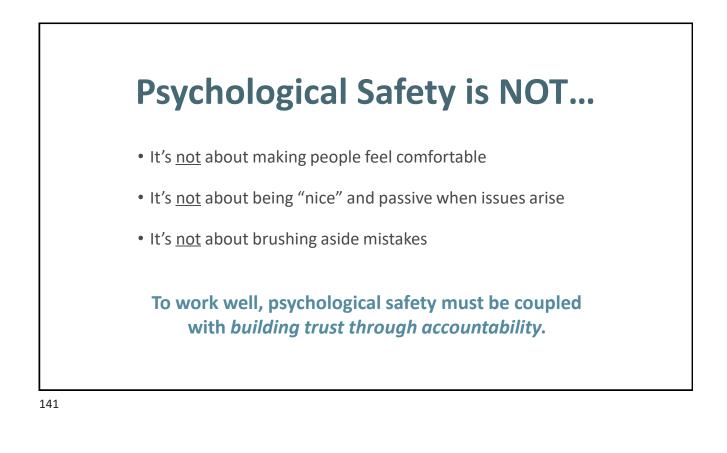
When You Don't:

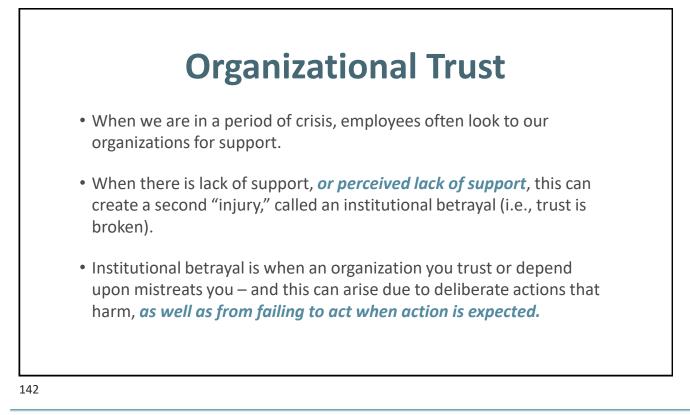
- See mistakes as threats to your career
- Unwilling to rock the boat
- · Keeping your ideas to yourself
- Only touting your strengths
- Fear of your teammates and supervisors
- Having it chopped off

Adam Grant

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Organization-Level Actions

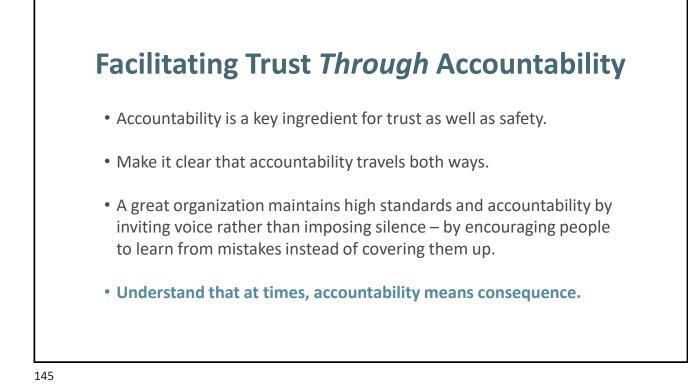
- Covid responses that leaves workers feeling vulnerable or trapped
- Organizational change without involvement in the decisionmaking process

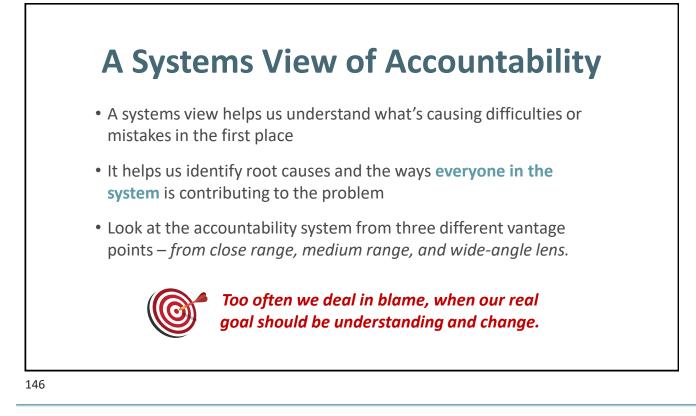
Individual-Level Actions

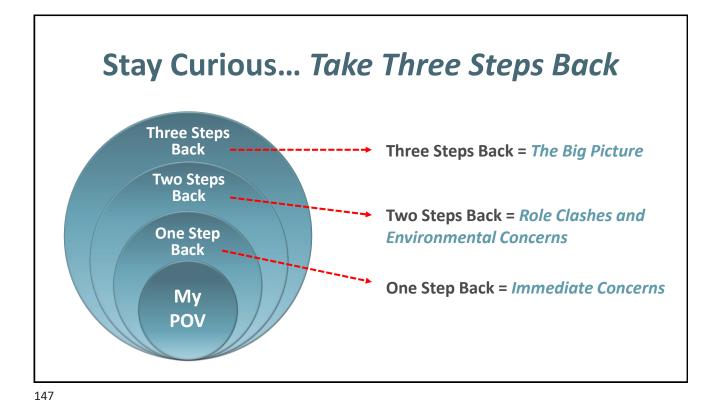
- A supervisor's belittling and placating behaviors towards their team
- Management's disregard to a claim of harassment or bias

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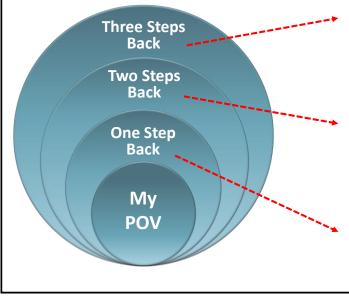








Take Three Steps Back | A Case Study



The Big Picture: It's discovered that internal and external customers have created work-arounds to avoid talking with supervisor due to attitude and tone issues; processes have become messy, and communication has been lost.

Role Clashes and Environmental Concerns: Confusion over who is "point person" on processes as several tenured staff have more expertise than supervisor; issues reported about supervisor's attitude and tone toward staff.

Immediate Concerns: On the surface, it appears that a supervisor and several tenured employees are having communication issues.



Main Causes of Burnout:

Key components of the workplace environment that contribute to burnout

- Unsustainable workload
- Perceived lack of control
- Insufficient recognition for effort
- Lack of support
- Lack of fairness

These factors are all directly influenced by an immediate supervisor's role in the work group.

