



2





"Neuroscience research shows that the only way we can change the way we feel is by becoming aware of our inner experience."

-- Bessel van der Kolk

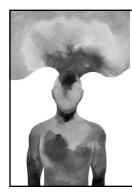
...traumatic experiences may not always be encoded as explicit memory and may be stored as non-verbal sensory fragments (1994).

5

Trauma Recovery: Coming to Our Senses

- "Neurobiology has taught us that we need to "come to our senses" in developing effective components for addressing trauma..."
- "It is essential to "tell the story" of traumatic experiences via nonverbal, implicit forms of communication."
- ~~Trauma and Expressive Arts Therapy: Brain, Body, and Imagination in the Healing Process





Our Higher Brain Disrupts the Process of Reparative Verbal Expression

- Our minds tell us, 'Don't shake, don't cry, don't tremor, and don't yawn.' It stops us from doing all the things the body naturally knows how to do to heal itself.
- But the body does know how to heal, but the mind "gets in the way."
- Expressive approaches support the natural healing ability in the body that has been used for thousands of years...

7



8



Expressive Approaches and Trauma Recovery

Body-Based, Action-Oriented, Often Non-Verbal Experiences:

Rhythm

Synchrony

Entrainment

and Sensory Integration: Interoception [Internal Felt Sense]

Exteroception [External Sense]





To Repair, Recover and Restore the Self, We Have to "Get Moving" All Expressive Methods Are Action-Oriented

What I Learned from Survivors of Physical and Sexual Assault and Interpersonal Violence

11

Using a Continuum of Expression to Facilitate Regulate and Repair

- In this session you will be learning to apply a "bottom up" process of expression using very simple sounds, movement and gesture, rhythm, playfulness, and very simple image making.
- These are gentle ways to begin the process of body awareness.
- Just moving or making sounds is often not enough to facilitate change—we need to assist people in moving through a continuum—from sensing to feeling to thinking.



Movement and Gesture—breaks the freeze response. It gets us mobilized.

Sound— stimulates feeling and sensation. It puts us in touch with the rhythms of our body's and emotions. It can also calm the body

Image Making—research tells us that even making a "doodle" or mark-making stimulates language. It is the bridge to storytelling.

13

Polyvagal Theory (Porges) and the Ventral Vagal Network—A Helpful Model When It Comes to Expressive Therapies

Our Ventral Vagal Network runs from the diaphragm to the brain stem.

It is key because it can be influenced by breathing patterns and social cues such as smilling and making eye contact to generate a sense of calm and safety.



14

Our Ventral Vagal Network...

...responds to experiences that generate sounds such as gargling, humming, prosody, and specific vocalizations can also be self-regulatory.

These practices can help us find ways to "rest and digest" when hyperactivation or dissociation overtake brain and body.

"Recovering or Finding a Good Rhythm through Sound"

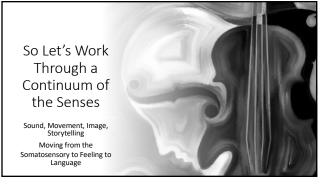




Simple Ways to Activate the Ventral Vagal System through Sound– Synchrony and Attunement with Your Client:

- Prosody is essential—it is the musicality of your voice and its rhythm "wires" the autonomic nervous system
- Humming is a natural vibration that regulates the vagal nerve
- Just make sounds and one of the best ones to regulate the nervous system is a gentle "growling" like a tiger. And it may make you laugh—another set of sounds that helps us to regulate.

16



17



Starting with Sounds as an Expressive Arts Body-Based Practice

A Safe Entry into the Body and Self-Expression

We are going to be working with simple body-awareness, sound-making, and image-making.

Have your paper, body outlines, and felt markers or drawing materials ready!

There Are Many Sounds We Can Work With— Many Universal!

Common Sounds [Embodied Voice]

Mmmm Ahhh Haaa

A-E-I-O-U
OM [AH-UH-MM] [Used in meditation]
VOO [Peter Levine]



19



Let's Try "Ahhh"

 $\begin{tabular}{ll} \bf Ahhh- can have many different meanings including relief and sympathy. \end{tabular}$

Let's all try saying "ahh" as a way to express "recognition" or "I see, I understand"

If you move your body to that "ahh," what is that like?

Can you show me in a doodle or mark-making on paper, what does it look like? Color, shapes, lines...

And if you want to, can you show on a body outline where you experience this sound?

Can you write down 3 to 5 words to describe the image or experience?

20



Let's Try "Mmmm"

Mmmm— can have many different meanings including agreement and satisfaction.

Let's all try saying "Mmmm" as a way to express "enjoyment" or "I like this"

If you move your body to that "mmmm," what is that like? Where do you experience it in your body?

Can you show me in a doodle or mark-making on paper, what does it look like? Color, shapes, lines...

And if you want to, can you show on a body outline where you experience this sound?

Can you write down 3 to 5 words to describe the image or experience?



Sound is Co-Regulating Communication—What We Have Learned

In early childhood trauma we see so many children who are initially unable to make contact with the helping professional.

As they become more musically involved and make and hold sounds, they become capable of vocalizing one tone for longer periods of time.

Holding the note is symbolic of holding a relationship with themselves and with you through and with sound, vocalization or music.

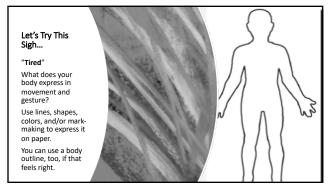


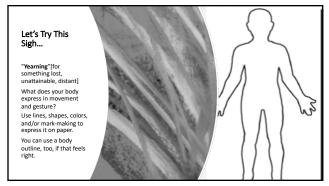
23



Working with Ventral Vagal Network "The Sigh"

If you have felt markers and paper--grab your drawing materials!





26



