

The Neurobiology of Protest

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Literature and Medicine, Volume 39, Number 1, Spring 2021, pp. 1-8 (Article)



Published by Johns Hopkins University Press

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The Neurobiology of Protest

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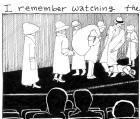
What I know about the real toll of recessions, I've learned at home.



Each time an economic Crisis is looming, I worry about the men.







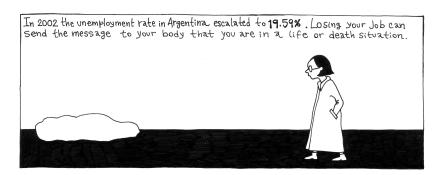
the film and then walking home at hight. It had shaken my eyes open. My neighborhood looked



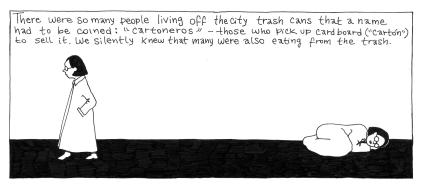




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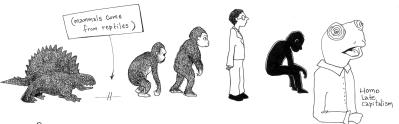




Losing your Job and knowing that you are too old to find another one can send the message to your brain that there is little you can do to fight or escape. If you assess that there are no pathways to finding a way of making a living the fight or flight activation becomes a waste of energy.



When our responses fail, we can regress to earlier stages of our phylogenetic history «When we are challenged, we use new circuits, and when they don't help us get into safe and appropriate situations, we regress—We use older and older circuits.» (Porges, 2017)



When facing imminent death (real or social) we can go into a more primal survival response: "freeze". We got this response (and the primitive vagal nerve that controls it) from our brothers and sisters the reptiles. The unmyelinated pathways in the vagus nerve serve as a break to stop the activation. Popularly known as "playing dead", we can also freeze emotionally, when feeling has become useless, or unbearable.



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I think the biology of protest has everything to do with the neurocircuitry of love and connection. Even though Lucy and the other women use the language of "fight," protest is more than fighting. In my experience protest is filled with solidarity. It says: we are in this together.



Ord, mortales el grito Sagrado order Libertad, libertad, libertad! order Playing, public representatives should stand still, hold silence (or sing).

According to Shelley E. Taylor's "Tend and Befriend" theory it is more common for women than for men to respond to stress with a social activity of care, instead of the "fight or flight reaction. We "tend to offspring to ensure their survival and affiliate with others for Joint protection and comfort." The Social positive

exchange (that this impulse seeks) in turn, helps to restore the body's chemical balance



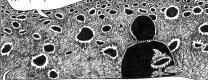
"This model (...) may shed light on why women live Longer than men."

The whole country was like this. There were 14 million hectares of land under mortgage in the national Bank.

Si no hubiéramos nacido se habría llevado a cabo la extranjerización total de esta república



When the history of these years is written, there is going to be more than 30,000 missing people, in this system. Because these are psychological tortures, that Kill people



I want to take some of these sunflowers to my husband. To the cemetery



ENDNOTES

POLYVAGAL THEORY

According to Stephen Borges (2017) the vagal nerve has an old ("reptilian") Pathway which works like a radical break that can paralyze the body ("freeze") but it also has a phylogenetically more recent Pathway that we share with other mammals which explains how poritive Soual interactions can calm the stress response. The ventral Vagus connects the face and the heartfhrough neural circuits that make our face (especially the area around the eyes) reflect the state of our heart. As vagus tone increases, in turn, this circuitry regulates our heart beat.





Susto

Modern Science confirmed in the last two decades what indigeneous peoples in the Americas have known for hundreds of years: when faced with terror and the feeling that we cannot fight or escape (which define trawmatic expensive we can lose pieces of our soul or sprint ("perder pedatos de alma") (Levine)

Biologically, we lose a part of our humanity inasmuch as we lose our grip of the mammalian social engagement neurocircuits that connect us with others. When a child is frightened (susto) a shaman sings with the child's community a sweet song to call the soul back home (back to the body, back to the community).

Now we know that the melody and rhythm of singing and prosody elicita calming effect on the heart beat due to their impact on the ventral vagus nerve circuits.

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