What the Body Knows

Memory, perception and embodiment

Installation art by Justene Williams

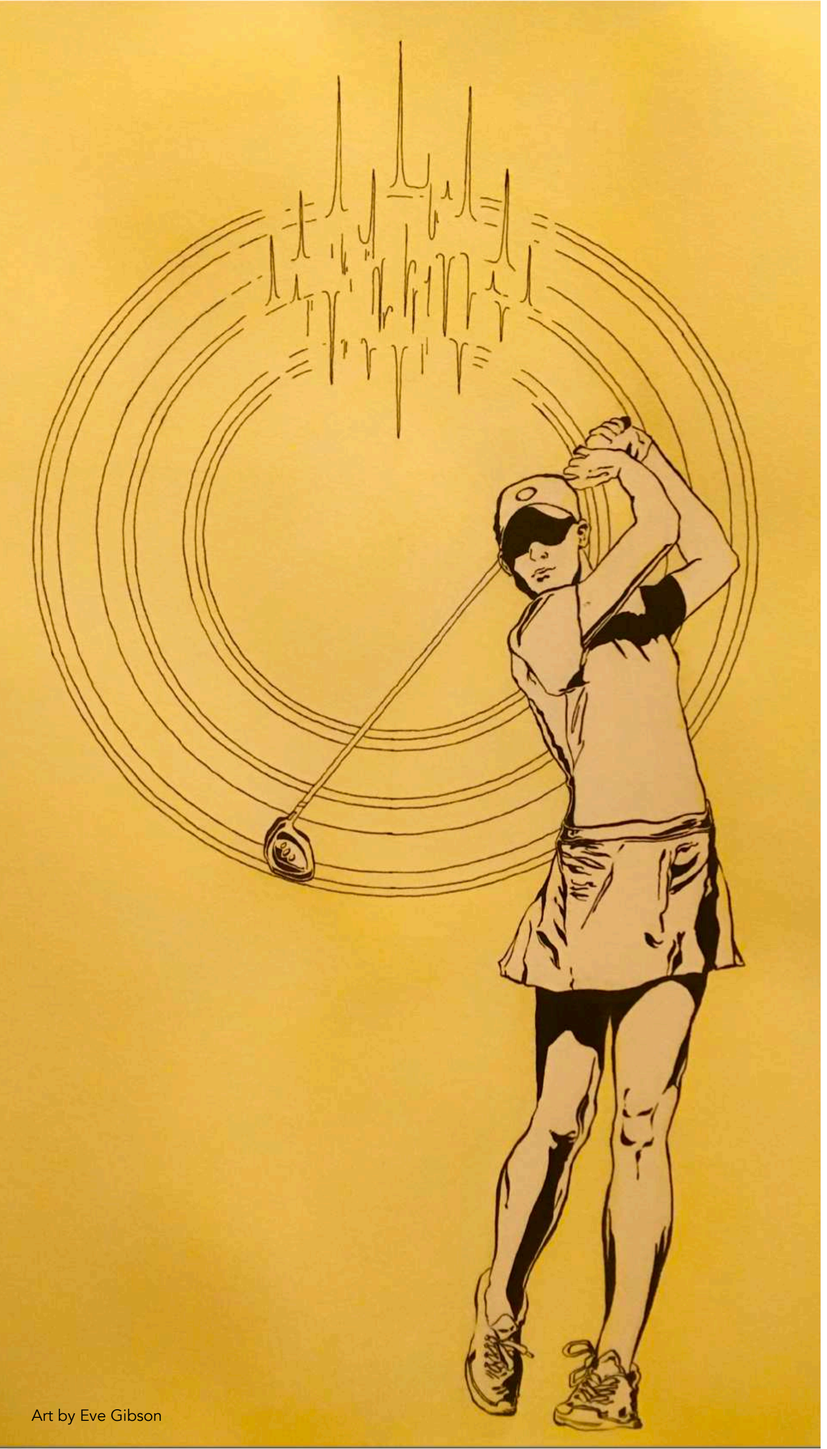
THE PHILOSOPHY CLUB

Backwards Brain Bicycle clip

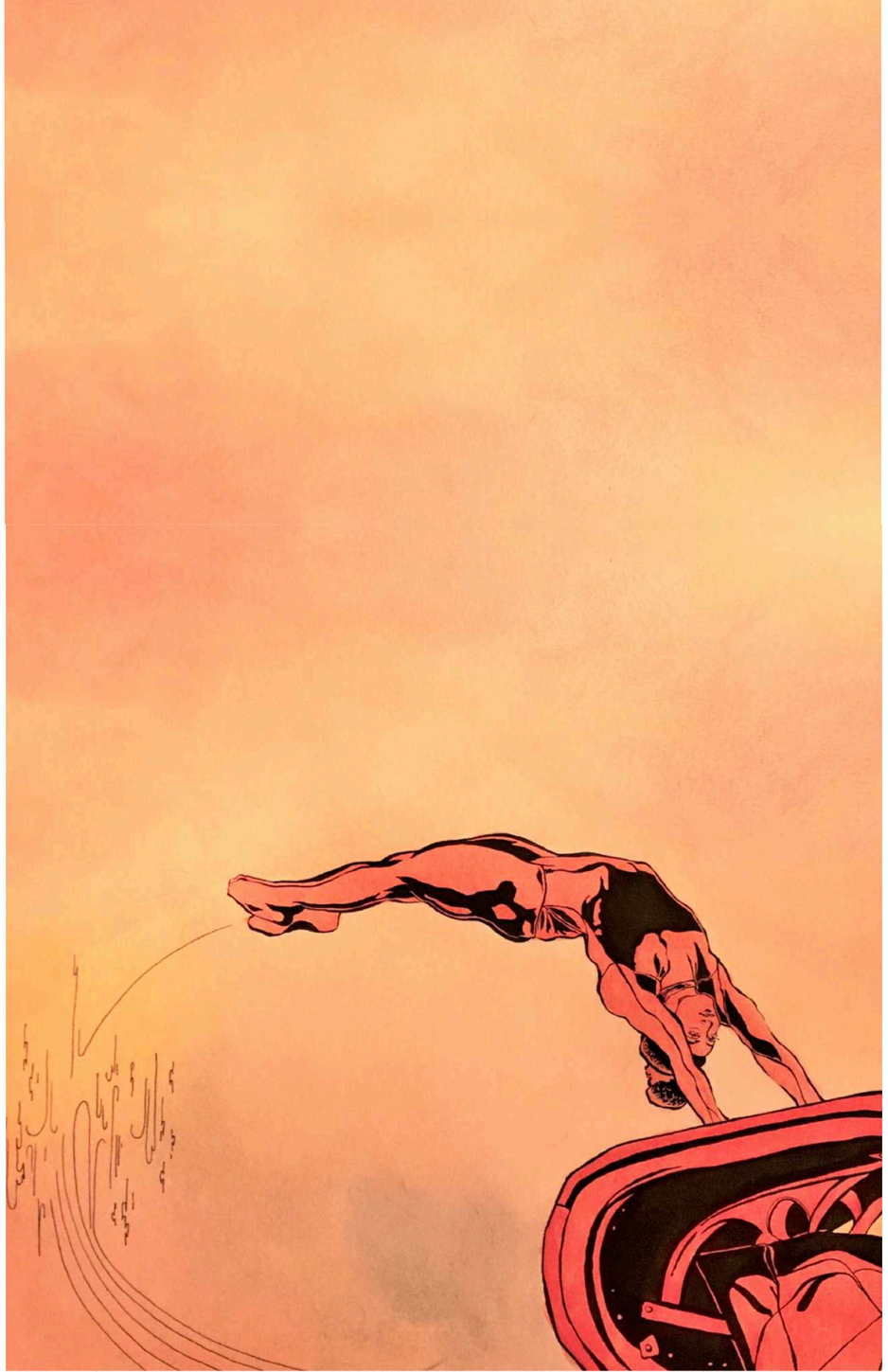
Anyone who thinks they "know" how to ride a bicycle immediately fumbles when trying to ride the special "backwards brain bicycle" that's been jerry-rigged to have the front wheel turn in the opposite direction that the rider steers the handle bars. Interestingly, after months of riding only a backwards bike, it becomes equally impossible to switch back to riding a traditional bicycle.

– Christopher Bergland


maybe
yes
lost
no
never
certainly
I'm stuck



Art by Eve Gibson



Heart transplant experiences – clip 1

Heart transplant experiences – clip 2

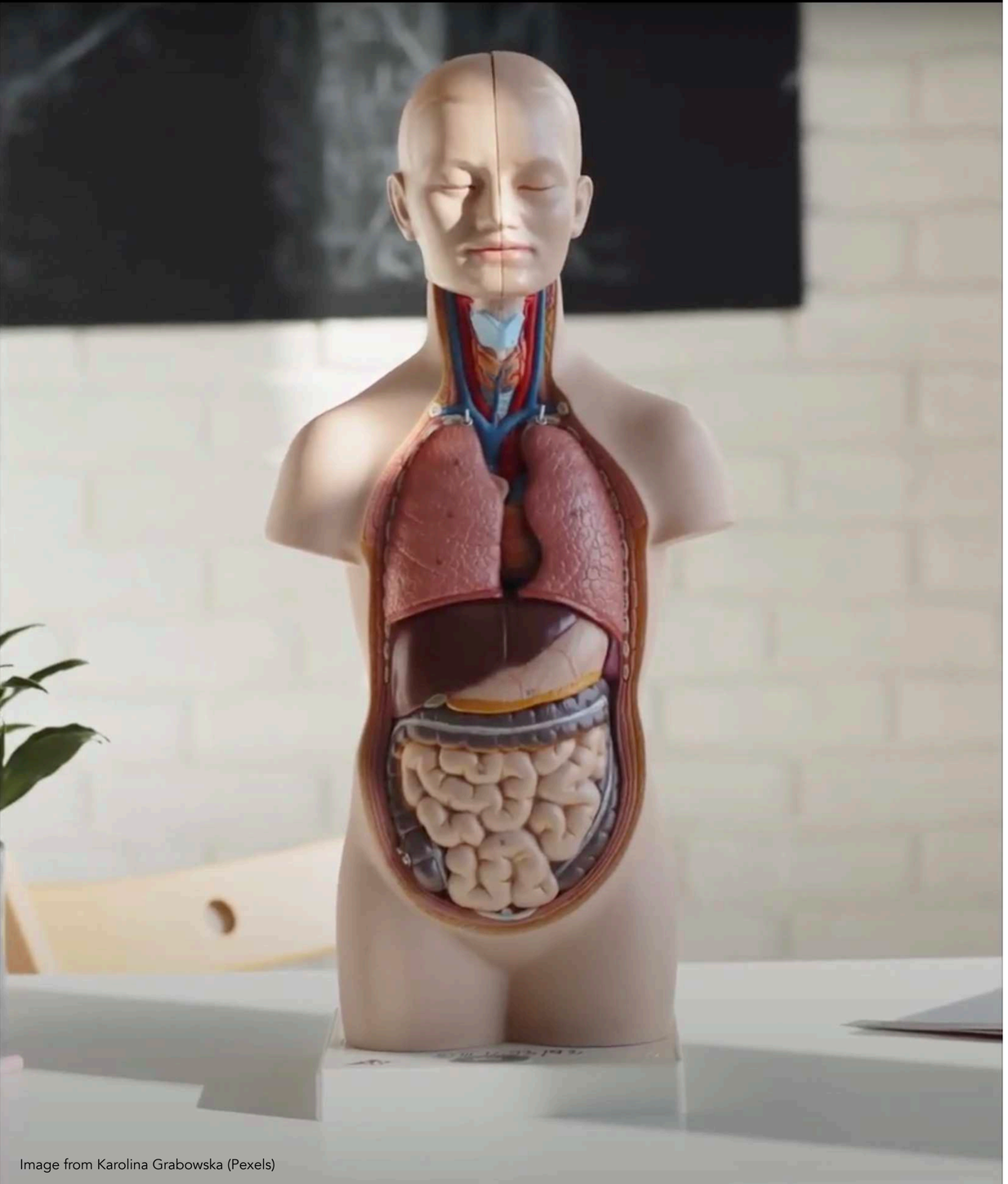
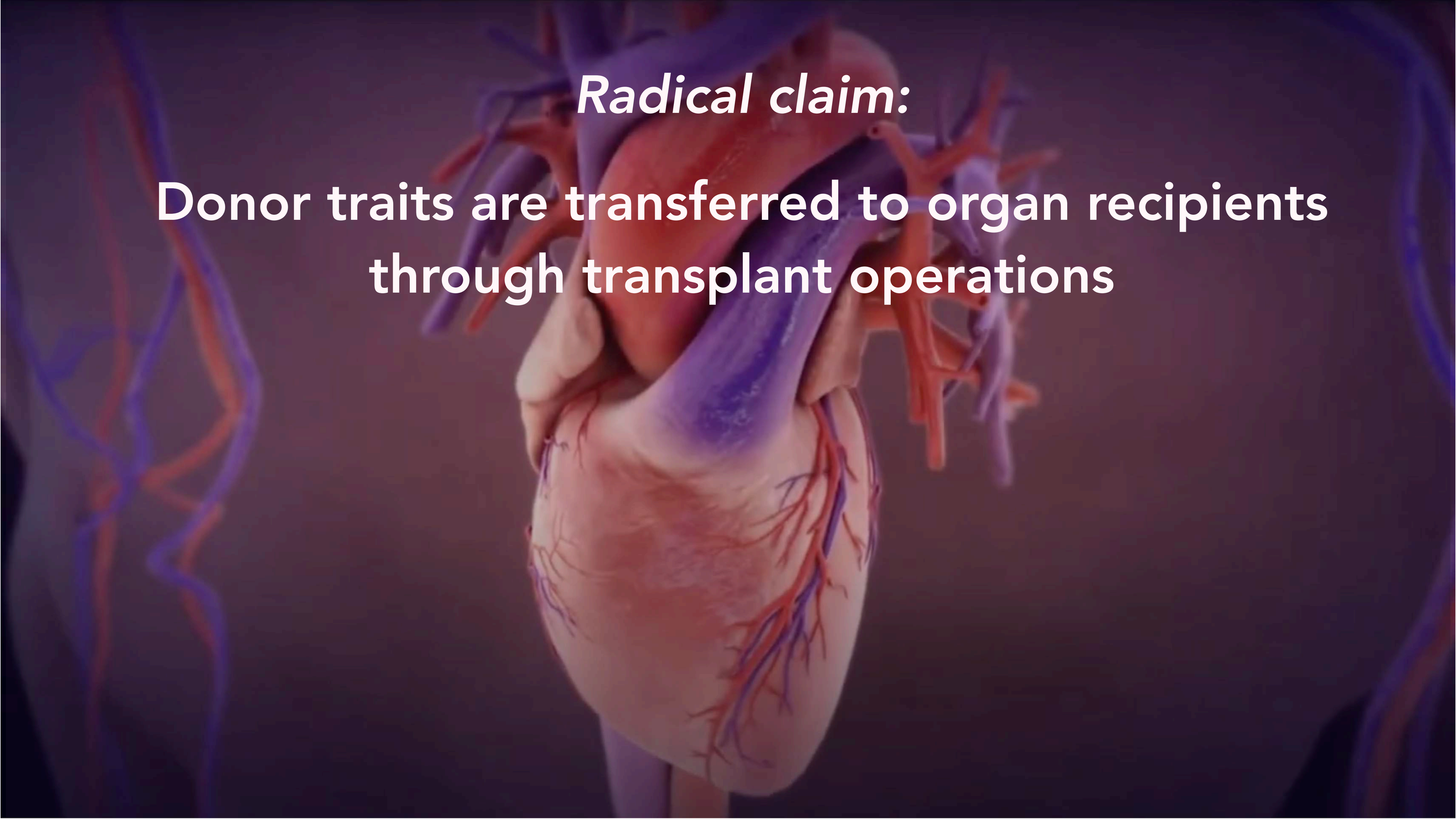


Image from Karolina Grabowska (Pexels)

Cellular memory may enable donor organs to pass on certain characteristics and experiences to organ donation recipients.

Heart transplant experiences – clip 3



Radical claim:

Donor traits are transferred to organ recipients through transplant operations

Heart transplant experiences – clip 4

npr

OPINION PHILOSOPHY

Would You Accept DNA From A Murderer?

JUNE 10, 2013 · 12:23 PM ET

By Tania Lombrozo

Flatworms - video clip

How can something without a brain remember anything? Where is the memory stored? *Where is its mind?*

The orthodox view of memory is that it is stored as a stable network of synaptic connections among neurons in a brain.

“That view is clearly cracking,” Michael Levin says.

Design elements from cover of book *We Are Electric* by Sally Adee

"All intelligence is really collective intelligence, because every cognitive system is made of some kind of parts…

Indeed, the very act of living is a cognitive state… Every cell needs to be constantly evaluating its surroundings, making decisions about what to let in and what to keep out and planning its next steps.

Bioelectricity (natural electrical signaling among cells) is the cognitive glue that binds individual neurons in your nervous system toward a coherent, emergent Self that has preferences, goals, memories, and problem-solving capacities."

– Michael Levin