

**THE BODY HAS A MIND OF ITS OWN**

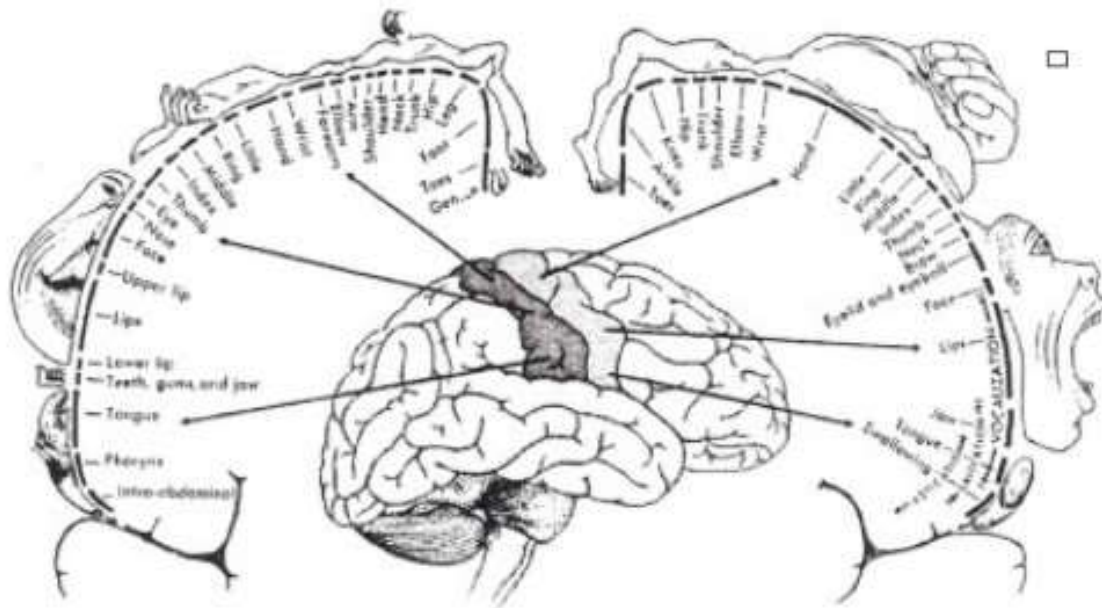
**HOW BODY MAPS IN YOUR BRAIN HELP YOU DO  
(ALMOST) EVERYTHING BETTER**

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## Contents

Figure 1	3
Figure 2	4

Figure 1



Penfield's homunculi. At left, the primary somatosensory area, a body map based on touch and related sensations. At right, the primary motor area, your basic body map for voluntary movement. Shown here is the brain's right hemisphere; the left hemisphere contains a near-identical pair of the same maps.

**Figure 2**



It is possible to render Mrs. Cantile's motor and sensory homunculi as three-dimensional sculptures. Both of these models are on display at the British Natural History Museum in London.

Left: the somatosensory homunculus. Right: the motor homunculus.