

# Biological Psychiatry

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## MOLECULAR MECHANISMS OF AFFECTIVE DISTURBANCE

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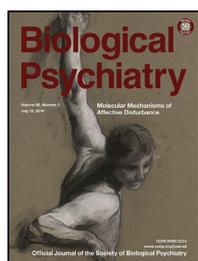
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This charcoal and chalk sketch, *Study for Science*, by Edwin Austin Abbey is likely a preparatory study for a lunette called *Science Revealing the Treasures of the Earth* (1909), which is in the rotunda on the east wall of the Pennsylvania State Capitol at Harrisburg. Created in 1907, the sketch depicts an idealized version of a muscular miner with his right forearm resting on a boulder and his left arm extended toward the sky. He appears to be clenching his left fist around an indiscernible tool, which he may be pulling back to swing at the surface that he gazes upon below him. The overall feeling in the image is one of strength and energy waiting to be released, as the internal musculature feels poised to express itself upon the external world. The figure would have been one in a larger group of coal miners portrayed in the finished lunette, which depicts the abundant natural resources that resulted in the initial wealth of Pennsylvania.

Photo credit: Yale University Art Gallery. From the Edwin Austin Abbey Memorial Collection. The *Journal* extends its sincere thanks to Dr. Jennifer Reynolds-Kaye, Curator of Education and Academic Outreach at the Yale Center for British Art.

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