



## Flight from Wonder: An Investigation of Scientific Creativity

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By Albert Rothenberg

Oxford University Press Inc. Hardback. Book Condition: new. BRAND NEW, Flight from Wonder: An Investigation of Scientific Creativity, Albert Rothenberg, Scientific breakthroughs have had far-reaching social and physical effects on modern civilization, yet until recently, there have been relatively few investigations into the nature of scientific creativity itself. Flight from Wonder reports the findings from an empirical study of 42 Nobel laureates in science from the United States and Europe concerning the creative processes that yield scientific innovation. To this end, Albert Rothenberg designed an interview scheme to delineate the content and sequences of processes that lead scientists to specific creative achievements. He conducted interviews with Nobel laureates in the fields of medicine, physiology, physics, and chemistry while carrying out matching interviews with a control group consisting of twelve accomplished engineers on the faculty of a leading engineering university. Rothenberg's results demonstrate that the Nobel laureates perform three distinct cognitive creative processes to achieve key formulations and discoveries; the detailed nature and structure of these findings were reviewed and corroborated by each of the Nobel laureates. To supplement his findings, Rothenberg engages with autobiographical accounts and work-in-progress manuscripts pertaining to the creative discoveries of outstanding scientists of the past including...



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