PHYSICAL IMPAIRMENTS

0. PHYSICAL IMPAIRMENTS - Story Preface

1. SCHIZOPHRENIA: WHAT IS IT?

2. PHYSICAL IMPAIRMENTS

3. THE WORLD OF JOHN NASH

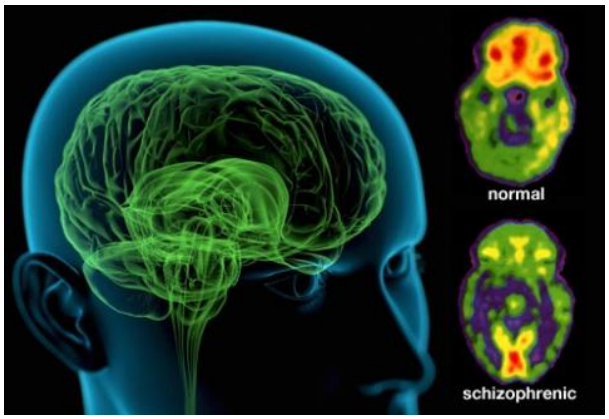
4. A GENIUS AT WORK

5. DESCENT INTO MADNESS

6. ALL OVER FOR HIM?

7. A LIFE RECOVERED

8. ABEL PRIZE and the DEATH of JOHN NASH



This illustration, from WebMD, provides an example of how a person with schizophrenia may have an abnormal brain structure. Doctors do not know the exact cause of schizophrenia. See WebMD for more explanatory slides. Image copyright WebMD, all rights reserved. Provided here as fair use for educational purposes and to acquaint new viewers with WebMD.

Are there physical manifestations of schizophrenia one can find in a patient's brain?

From an interesting study, comparing the brain scans of twins, we can see a marked difference in the brain of the twin who has schizophrenia. From studies of brain tissue, we also learn something about why people with this condition adapt less easily to changing environments.

Schizophrenics often suffer from memory loss. Do any tests show what causes that impairment?

In a recent study, five healthy individuals were asked to perform the same memory task which five patients with schizophrenia performed. Results clearly demonstrate that "patients with schizophrenia do not generate the dramatic brain activity in the circuits of the brain critical to the memory task."

So how did the young and brilliant John Nash cope when he and his "beautiful mind" were struck with this mind-damaging condition?

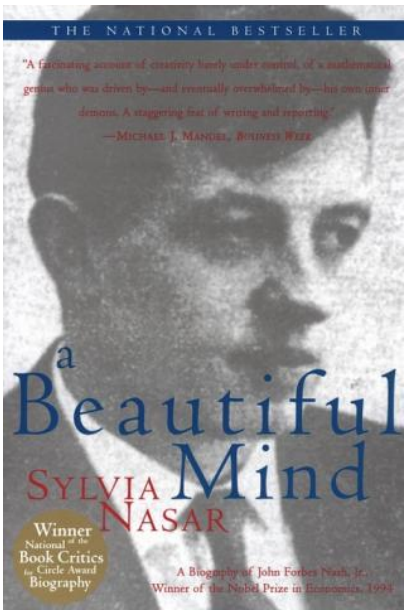
Not well, at least initially.

See Alignments to State and Common Core standards for this story online at:
http://www.awesomestories.com/asset/AcademicAlignment/PHYSICAL-IMPAIRMENTS-A-Beautiful-Mind

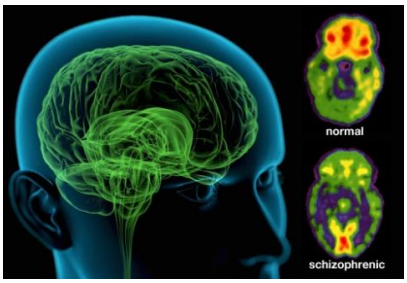
See Learning Tasks for this story online at:
http://www.awesomestories.com/asset/AcademicActivities/PHYSICAL-IMPAIRMENTS-A-Beautiful-Mind

Media Stream

John Nash - Photo as a Young Man
Image online, courtesy the U.S. Library of Congress.
View this asset at:
http://www.awesomestories.com/asset/view/John-Nash-Photo-as-a-Young-Man



A Beautiful Mind - by Sylvia Nasar
Image online, courtesy Google Books website.
View this asset at:
http://www.awesomestories.com/asset/view/A-Beautiful-Mind-by-Sylvia-Nasar



PHYSICAL IMPAIRMENTS
View this asset at:
http://www.awesomestories.com/asset/view/PHYSICAL-IMPAIRMENTS