

What is Physics?

<http://www.physics.org/article-questions.asp?id=18>

This website introduces the student to a definition of physics and what questions are asked in the f

Who are some African American Physicists?

Edward Alexander Bouchet (1852-1918)



George Edward Alcorn, Jr. (1940 -)



Shirley Ann Jackson (1946-)



Walter Eugene Massey (1938-)



Ronald Erwin McNair (1950-1986)**Matching Quiz**

Below are some key facts about the physicists you have just studied.
Match each physicist with the facts that apply to him/her.

- a) First African American woman to receive PhD in physics from Massachusetts Institute of Technology (MIT)
- b) Second African American to fly in Space

- c) Served as Director of the Nuclear Regulatory Commission under Bill Clinton
- d) Served as Director of Argonne National Laboratory
- e) Served as Director of the National Science Foundation
- f) The current President of Rensselaer Polytechnic Institute
- g) Served as President of Morehouse College

h) First African American to receive a PhD from any American University

- i) A national TRIO program to increase graduate degree awards for students from underrepresented segments of society is named in his honor.
- j) He has over 20 inventions but is best known as the inventor of the imaging x-ray spectrometer –a device that helps scientists better understand what materials are composed of when they cannot be broken down

Answers to quiz

- 1) Edward Bouchet (h)
- 2) George Alcorn (j)
- 3) Shirley Ann Jackson (a,c,f)
- 4) Walter Massey (d,e,g)
- 5) Ronald E. McNair (b,i)

