

BOARD OF TRUSTEES OF COMMUNITY COLLEGE DISTRICT NO. 508
County of Cook and State of IllinoisAlumna Dr. Reva Kay Williams
MALCOLM X COLLEGE

THE CHANCELLOR

REPORTS

that Malcolm X College proudly announces that one of its distinguished alumnae, Dr. Reva Kay Williams, is featured in the August 20, 2004 issue of the prestigious *Astrophysical Journal*, the world's leading journal for astrophysicists and astronomers. The journal, an American Astronomical Society publication, specializes in featuring the original work and discoveries of scientists in astrophysics and astronomy. Dr. Williams' publication (on extracting high energy particles from rotating black holes in the form of jets) continues her extensive work, which began in 1987. Her paper outlines her use of Einstein's Theory of Relativity and her original calculations and equations, proving the Penrose mechanism, a theory about the energy extraction process introduced by world renowned mathematician, physicist, and scientist Dr. Roger Penrose of Oxford University in 1969, concerning the possibility of black holes serving as galactic sources of energy; and

that Dr. Reva Kay Williams made history in 1991 by becoming the country's first Black female Astrophysicist, and, to date, Dr. Williams is one of few women worldwide conducting research on the theory of black hole physics, minority or otherwise. Dr. Williams' educational achievements include: a GED and A.A. from Malcolm X College (1977); a B.A. (Astronomy and Physics) from Northwestern University, Evanston (1980) and a M.A. and Ph.D. (Astrophysics) from Indiana University, Bloomington (1990, 1991). Additional information about Dr. Williams and her amazing work may be found on the following web sites:

<http://www.napa.ufl.edu/2004news/blackholestip.htm>

http://www.math.buffalo.edu/mad/physics/williams_reva.html

Respectfully submitted,

Wayne D. Watson
Chancellor

November 4, 2004