

Roberta Marie Johnson

Education

B.S. (Geophysics and Space Physics), Univ. of California at Los Angeles, 1980, cum laude
M.S. (Geophysics and Space Physics), Univ. of California at Los Angeles, 1984
Ph.D. (Geophysics and Space Physics), Univ. of California at Los Angeles, 1987

Appointments

Director of Education and Outreach, University Corporation for Atmospheric Research, 2000 -
Scientist, High Altitude Observatory, National Center for Atmospheric Research, 2000 -
Adjunct Professor, University of Michigan, Dept. Atmospheric, Oceanic & Space Sci., 2000 -
Associate Research Scientist, Space Physics Research Laboratory, Univ. Michigan, 1993-2000
Adjunct Assoc. Professor, Univ. Mich., Dept. Atmospheric, Oceanic & Space Sci., 1998-1999
Principal Investigator, Windows to the Universe Project; February 1995 - present
Director, Michigan Space Grant Consortium; February 1995 - 2000
Assistant Research Scientist, Space Physics Research Laboratory, Univ. Michigan, 1989-1993
Adjunct Assistant Professor, Univ. Mich., Dept. Atmospheric, Oceanic & Space Sci., 1992
Visiting Assistant Research Scientist, Space Physics Research Lab., Univ. Mich., 1988-1989
Research Physicist, Geoscience and Engineering Center, SRI International, 1987-1989
Post-graduate Research Geophysicist, IGPP, UCLA, 1982-1987
Research Assistant, IGPP, UCLA, 1979-1980

Selected Professional Activities

Chair, Committee on Education and Human Resources, AGU, 2000-2002
Member, American Meteorological Association Education Advisory Committee, 2000-2003
Chair, Education & Public Outreach Committee, Space Physics & Aeronomy, AGU, 1998-2000
Member, American Association of Universities Space Science Working Group, 1998 – present
Member, 8th District Science Education Advisory Committee, 1997 - 2000
Member, Executive Committee of the National Council of Space Grant Directors, 1996-1998
Coordinator, Lower Thermospheric Coupling Study
Member, NASA Science Data Management Task Group, 1996-1997
Chair, Great Midwest Regional Space Grant Consortium, 1996-1997
Member, American Geophysical Union Publications Committee, 1996-2000

Selected Publications

Johnson, R. M., and J. G. Luhmann, Neutral wind spectra at the auroral-zone mesopause—
geomagnetic effect, *J. Geophys. Res.*, *90*, 1735, 1985.
Salah, J. E., R. M. Johnson, and C. A. Tepley, Coordinated incoherent-scatter radar observations
of the semidiurnal tide in the lower thermosphere, *J. Geophys. Res.*, *96*, 1071, 1991.
Johnson, R. M., and T. S. Viridi, High-latitude lower thermospheric neutral winds at EISCAT and
Sondrestrom during LTCS-1, *J. Geophys. Res.*, *96*, 1099, 1991.
Azeem, S. M. I., and R. M. Johnson, Lower thermospheric neutral winds at Sondre Stromfjord:
A seasonal analysis, *J. Geophys. Res.*, *102*, 7379, 1997.
Won, Y. I., R. J. Niciejewski, T. L. Killeen, R. M. Johnson, and B. Y. Lee, Observations of high-
latitude lower thermospheric winds from Thule Air Base and Sondre Stromfjord, Greenland,
J. Geophys. Res., *104*, 25, 1999.