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Education: BS (Physics), magna cum laude, University of Washington 1961
PhD (Physics) University of Washington 1966

Positions held:

NSF Predoctoral Fellow, University of Washington, 1961-1965
Instructor, Princeton University 1966-68
Research faculty, Yale University 1968-70
Various ranks, University of Colorado 1970-present, tenure in 1976.
Program Director, National Science Foundation 1978-79
Assistant/Associate Vice Chancellor for Research, Univ. of Colorado 1996-
2003,
Interim Vice Chancellor for Research, University of Colorado 2001-02
Visiting Professor- Univ. of Copenhagen (Niels Bohr Institute), University of
Tokyo, Federal University of Rio de Janeiro
Faculty Associate, UCB Center for Asian Studies
Faculty Associate, UCB Center for Science and Technology Policy Research
Faculty Affiliate, UCB Renewable and Sustainable Energy Institute, 2009-
Jefferson Science Fellow, US Department of State 2007- 2012
Faculty member, UCB Program in International Affairs 2004-
Visiting Scientist, Lawrence Livermore National Laboratory 2011-12

Honors:

Phi Beta Kappa (1961)
Fellow, Japan Society for the Promotion of Science (1987)
Fellow, American Physical Society (1988)
Foreign Fellow, Pakistan Academy of Sciences (1996)
Member, American Nuclear Society
Jefferson Science Fellow (2007-12)

Recent University Service:

President, Alpha of Colorado Chapter of Phi Beta Kappa (1991-2007, 2010-)
Member, UC Homeland Security Taskforce (2003-04)
Member, UCB International Affairs Committee (2006-)
Member, UCB Task Force on International Graduate Education (2006-07)

Member, UCB Task Force on Energy Education (2006-07)
Member, Executive Committee, UCB Center for Science and Technology Policy Research (2006-)
Member, Univ. of Colorado System Faculty Council (2003-2006, 2011-13)
Chair and Member, UCB Radiation Safety Committee, forever
Chair, Boulder Faculty Assembly (2011-2013)
Member, Steering Committee, Coalition On Intercollegiate Athletics 2011-2014
Co-Advisor, UCB chapter of Forum On Science, Ethics and Society 2012-

Recent professional service:

Member, NSF Physics Division Committee of Visitors 1994, 1997
Member, LANSCE Division Review Committee (Los Alamos National Lab) 2003-2006
Member, Committee on Homeland Security, Division of Nuclear Physics, American Physical Society (and chair of the education subcommittee)
Member, Technical Advisory Committee, Commission on Science and Technology for Sustainable Development in the South (COMSATS), Pakistan
Member, Editorial Board 'The Nucleus', a Pakistani technical journal
Member, recent international advisory committees for conferences in Italy, Turkey, Kazakhstan, Uzbekistan, Azerbaijan

Sponsored research:

coPI for DOE grant 'Intermediate Energy Nuclear Physics' (through 2012)
coPI for several ISTC grants for nuclear astrophysics and radioactive waste disposal in Kazakhstan
PI for 2006 travel grant for Prof. R. Yarmukhamedov, Uzbekistan

Samples of recent peer-reviewed papers, from among over 240 refereed publications:

* New $^{12}\text{C}(\text{p},\gamma)$ radiative capture measurements, N. Burtebaev, RJP, et al., Phys. Rev. C 78, 035802 (2008).
*Scaling Relations for Intermediate Energy Proton-Nucleus Reactions with Small Energy Losses, RJP, Nucl. Sci. Engin. 161, 346-356 (2009).
*Nuclear Fission Induced by Pi Mesons, RJP, Journal of Nuclear and Radiochemical Sciences 11, R1-R19 (2010) (a major review)
*New Nukes for New Niches?, RJP, Whitehead Journal of Diplomacy and International Affairs, Dec 2010.
*Scaling relations for hadron continuum scattering from carbon. RJP, Phys. Rev. C 85,064616 (2012).

Recent teaching, since returning to the regular UCB faculty in January 2003:

'Technology and Global Security', IAFS 4500 (SP03, SP05, SP07, SP09, SP12, SP13)
'General Physics 2', PHYS 2020 (SP04, FA04)
'The Nuclear West', JOUR 5871/ENVS 5100 (FA04, FA05, FA06, FA08, FA09)
'Energy and the Environment' PHYS3070/ENVS3070 (FA05, FA06, FA07, SP10, SP14)
'Science and Public Policy', PHYS 3000 (SP06, FA08, SM09, SP11)
'Introductory Lab' PHYS 1140 (SP07, SP09)

'Nuclear Power' RSEI 5200 (SP12)

IAFS Senior Honors students-Hugh Naylor, 'Russia's Nuclear Legacy' 2003-04

-Laura Parrington, 'The DPRK and Nuclear Weapons' 2005-06

-Mehreen Ahmed, 'Nuclear Relations between Iran and Pakistan' 2012-2013

Physics Senior Honors student-Jonathon Morrow 'A Quadrupole Band-Pass Proton Filter' 2009-2010