

Obituary



Professor Dr. Fazley Bary Malik
(1934 - 2014)

Eminent scientist and distinguished Expatriate Fellow of the Bangladesh Academy of Sciences Professor Emeritus Dr. Fazley Bary Malik died on July 4, 2014 in Istanbul at the time of returning to USA after a short visit to Bangladesh. His family brought him to Bangladesh and he was buried at Banani, Dhaka.

Dr. Fazley Bary Malik was born on August 16, 1934 in Bankura, West Bengal. His father Malik Abdul Bary was an Engineer and served as an officer in a British-managed company. His mother, Feroza Bary was a former Minister to the Government of Bangladesh. Dr. Malik was raised mainly in Chuadanga. During his school-life, the family moved to Dhaka where he attended high school and college. He obtained B.Sc. in Physics from Calcutta (now Kolkata) University in 1953. He earned M.Sc. in Mathematics from Dhaka University in 1955 and Ph.D. from Göttingen University, Germany in 1958. His doctoral work in Theoretical Physics was supervised in part by Nobel Laureate Professor Werner Heisenberg.

Dr. Fazley Bary Malik worked as Research Associate (1959-1960, Max Plank Institut fur Physik); Research Associate (1960-1963, Princeton University); Visiting Associate Professor of Fordham University (1961-62); Scientific Officer (1963-1964, Pakistan Atomic Energy Commission); Assistant Professor of Physics (1964-1968, Yale University, New Haven, Connecticut); Associate Professor in Chemical Physics (1968-1976, Indiana University, Bloomington); Professor, Department of Physics (1980-1985, Southern Illinois University, USA). Before his death, he was Professor of Physics and also Professor in Electrical Engineering at the Southern University at Carbondale (SIUC). During his long tenure at SIUC, Dr. Malik has been either a consultant, visiting scholar or Professor at the Lawrence Berkeley Laboratory (California), the Oak Ridge National Laboratory (Tennessee), the CEA-saclay (France), the Kapitza Institute (Russia), the CERN (Switzerland), the ICTP (Italy), NASA, and many Universities in Germany,

Switzerland, Sweden, Finland, Hungary, China and Australia. Dr. Bary Malik was a long time adjunct faculty member at Washington University at St. Louis, Missouri, which also named him as Honorary Professor.

Dr. Bary Malik published over 200 research papers in areas of Mathematics, Nuclear and Solid State Physics and Biomolecular Chemistry. His research interest was distinctly interdisciplinary. Inspired by his mentor Heisenberg, he made important contributions to Inverse Scattering Theory. He promoted interests to Physics in developing countries including Bangladesh. He served as an Advisor on Higher Education and Science Policy to the Government of Bangladesh.

Dr. Bary Malik had a close association with Nobel Laureate Professor Abdus Salam. Professor Salam frequently invited him to visit Trieste Centre because he had a high opinion of his abilities and accomplishments.

Dr. Malik married Akemi Oikawa in Makanda, Illinois. In addition to his beloved wife, he is survived by their daughter Akira and a few close family members. In the sad demise of Professor Fazley Bary Malik, we lost a dedicated scientist and a devoted researcher, and the Bangladesh Academy of Sciences lost a distinguished Fellow. We pray to the Almighty Allah, the most Gracious and most Merciful to grant eternal peace in *Jannat* to the departed soul. *Amen*.

– Syed Mohammad Humayun Kabir