

5<sup>th</sup> Khwarizmi Award

Feb 1992

**Title:** Outstanding research in chemistry



**Researcher:** Professor S. Zafar Husain Zaidi

**Country:** Pakistan

**Field:** Basic Sciences

Saiyid Zafar Husain Zaidi (Born: 21 march 1933), qualified from Medical College (KGMC), Lucknow, India, in 1955. he undertook his specialist Paediatric Residency in Ottawa, and the Hospital for Sick Children, Toronto, Canada, becoming Chief Resident.

During this period he invented a protection device for scalp-vein needles in neonates receiving intravenous therapy which entered routine clinical practice and amidst other contributions described and named the hula-hoop syndrome. He subsequently undertook postgraduate studies in London for the Diploma in Child Health.

His contributions during this period included widely cited, pioneering work on the antenatal treatment of congenital thyrotoxicosis; he also performed some of the first clinical trials of the new generation of penicillin antibiotics, ampicillin and cloxacillin, in newborns during this time. He was appointed in 1967 to found the Department of Paediatrics, Jawaharlal Nehru Medical College, Aligarh Muslim University (AMU), India, becoming Head of Department and Professor of Paediatrics. Among other projects here he conducted major trials on the treatment of hookworm, ascariasis, and other tropical childhood infections.