

Das Family Distinguished Professorship in Electrical Engineering

The family of Dr. Santanu Das, the president, chief executive officer, and board chairman of TranSwitch Corporation, established this professorship in gratitude to the University for the education Dr. Das says “made it all possible.”

Dr. Das came to Washington University in 1969 to pursue graduate study. His wife, Kabita, joined him in 1971. After receiving a D.Sc. degree in electrical engineering in 1973, he joined ITT Corporation in Columbus, Ohio. In 1988 he and three colleagues founded TranSwitch Corporation, based in Shelton, Connecticut. This major international company leads in innovative high-speed semiconductor solutions for telecommunications and data communications equipment markets.

Strong supporters of education and generous donors to Washington

University, the Das family has also endowed the Robert Gregory Scholars Program in the engineering school. Dr. Das received the University’s Distinguished Alumni Award in 2001. He is a member of the University’s Board of Trustees and its International Advisory Council for Asia.

Mrs. Das, who received her undergraduate degree in education from Calcutta University, has specialized in early childhood education.

Sons Atanu and Arnab studied electrical engineering at the University



(Clockwise from the top): Atanu, Arnab, Kabita, and Santanu Das

of Illinois at Urbana-Champaign. Atanu, who holds bachelor’s and master’s degrees from Illinois, is pursuing a law degree at Loyola University. Arnab, who finished his bachelor’s degree in electrical engineering in 2004, is pursuing graduate studies in electrical engineering at Penn State University.

RONALD S. INDECK, the Das Family Distinguished Professor of Electrical Engineering and director of the Center for Security Technologies, has earned wide recognition for his research on magnetic measurements and modeling, physical security and authentication, and information storage. He has published more than 50 peer-reviewed technical papers and been awarded more than a dozen patents.

Professor Indeck received bachelor’s, master’s, and Ph.D. degrees in electrical engineering from the University of Minnesota. He was a National Science Foundation research fellow at Tohoku University in Sendai, Japan, before joining the faculty of the Department of Electrical Engineering in 1988.

His research has contributed to advances in the disk drive industry



Ronald S. Indeck

and authentication in the financial services industry. In 2002 he and his collaborators patented an approach that enables governmental agencies, corporations, human genome researchers, and any personal computer user to “mine” data at rates more than 200 times faster than other currently available search techniques.

He has received many honors, including the National Science Foundation Presidential Young Investigator Award; the Institute of Electrical and Electronics Engineers (IEEE) Centennial Key to the Future and Young Professional Awards; the IBM Faculty Development Award; and, in 1999, the Washington University Distinguished Faculty Award.

Professor Indeck is a fellow of IEEE, president of the IEEE Magnetics Society, and member of the American Physical Society. He has edited IEEE *Transactions on Magnetics* and served as general chairman for the International Magnetics Conference. The Bar Association of Metropolitan St. Louis’ Patent, Trademark, & Copyright Section named Professor Indeck the 2005 Missouri Inventor of the Year.