

37<sup>th</sup> Honorary Doctorate Degree for Prof. C R Rao at the 167th commencement of the University at Buffalo, State University of New York on May 12, 2013



Dr. Angelo Fatta (SUNY Trustee), Prof. C R Rao, Dr. Marshall Lichtman (SUNY Trustee), Dr. Satish K. Tripathi (UB President)



Prof. C R Rao



Prof. C R Rao, Dr. Satish K. Tripathi



Dr. Angelo Fatta, Prof. C R Rao, Dr. Marshall Lichtman

Honorary degree recipient **Calyampudi R. Rao** is considered a world leader in statistics whose achievements have had a profound impact on a wide range of fields over the past seven decades, among them engineering, biostatistics, economics, genetics, medicine and anthropology.

Rao is a member of the National Academy of Sciences, the Indian National Science Academy and the Royal Society. The honorary doctor of science degree that SUNY is awarding Rao is the 37th such degree he will have received from universities across six continents.

The author of 14 books and 475 research papers, and adviser to 50 PhD students, Rao has received numerous prestigious awards. In addition to the National Medal of Science in 2002, these honors include both a gold and silver Guy Medal presented by the Royal Statistical Society, the highest awards given to statisticians in the U.K.; the Samuel Wilks Medal of the American Statistical Association, the highest award given to a statistician in the U.S.; and the International Mahalanobis Prize for lifetime achievement in statistics.

Rao's broad influence also is reflected by the numerous common statistical terms that bear his name, such as the "Fisher-Rao Theorem" and the terms "Cramer-Rao bound," "Rao-Blackwellization," "Rao distance" and "Rao's Orthogonal Array," each frequently found in standard statistics textbooks and current scholarly research.

Former director of the Indian Statistical Institute and Eberly Professor Emeritus of Statistics at Penn State, Rao spends part of the year with family in Western New York and has developed a relationship with several UB faculty members. He holds a volunteer appointment at UB, interacting closely with faculty and students, and sharing his research expertise.

- UB Reporter Report