

GLOBAL INDIAN PHYSICIANS IN THE NEWS



INDIAN ORIGIN DOCTOR, DR. VEMURI MURTHY RECEIVES GLOBAL CHAMPION OF RESUSCITATION AWARD.

Dr. Vemuri S. Murthy was honored with the title of “Global Champion of Resuscitation” on account of World Heart Day celebrated on 29 September 2021. Dr. Vemuri is an alumnus of Guntur Medical College and Institute of Medical Sciences

He received surgical and emergency training and later became an anesthesiologist in the USA. He is a strong advocate for cardiopulmonary resuscitation (CPR) education and training, not just for doctors, but also for the larger community.

He has been a member of the Chicago Medical Society since 1983, serving the organization in different capacities such as the District 5 President and Trustee, Vice-Chair and Chair of the CMS Council and Board Trustee, and as a Delegate of Illinois State Medical Society.

He is the recipient of several US and International Awards such as Chicago Medical Society’s Henrietta Herbolzheimer Public Service Award, Global Health Champion Award of Global Health Consortium, Distinguished Physician and Lifetime Achievement Awards of Indian American Medical Association, Illinois.

He is the pioneer of resuscitation medicine not only in USA but in India as well. He visits India at least once every year and as visiting professor at several Indian medical colleges., promotes resuscitation courses

AN INDIAN ORIGIN DOCTOR WHO HAS REVOLUTIONISED KIDNEY TRANSPLANTATION BY BUILDING A BIOARTIFICIAL KIDNEY PROTOTYPE AND WINNING A \$64K KIDNEYX PRIZE

Dr. Shuvo Roy, PhD, is a bioengineer focusing on the development of medical devices to address unmet clinical needs through strong collaboration and a multidisciplinary approach.

Recently, an implantable bioartificial kidney has been developed by The Kidney Project - a nationwide collaboration led by Professor Shuvo Roy of U.C. San Francisco and Dr. William Fissell of Vanderbilt University Medical Center. This research promises to free kidney disease patients from dialysis machines and transplant waiting lists, taking another big step toward becoming reality. The research project has earned a \$650,000 prize from KidneyX for the first-ever demonstration of a functional prototype of its implantable artificial kidney. KidneyX is a public-private partnership between the U.S. Department of Health and Human Services and the American Society of Nephrology founded to “accelerate innovation in the prevention, diagnosis, and treatment of kidney diseases.” The University of California reports that the project combined the two essential parts of its artificial kidney, the hemofilter and the bioreactor, and successfully implanted the smartphone-sized device for preclinical evaluation.



For this advance, the team was awarded KidneyX's Phase I Artificial Kidney Prize and was one of six winning teams selected out of an international field.

Dr. Roy is a professor at the University of California, San Francisco in the Department of Bioengineering and Therapeutic Sciences (BTS), a joint department of the UCSF Schools of Pharmacy and Medicine, and is a faculty affiliate of the California Institute for Quantitative Biosciences (QB3).

He is the director of the Biodesign Laboratory located on the Mission Bay campus. In addition, he serves as the Technical Director of The Kidney Project and is a founding member of the UCSF Pediatric Device Consortium.

He has developed and currently teaches a course on medical devices, diagnostics, and therapeutics and regularly lectures on the medical device design process to UCSF graduate students and to national and international academic and industry audiences. He is the author of more than 100 publications and co-author of three book chapters, and holds multiple patents for device developments.

He is the recipient of a Top 40 under 40 award by Crain's Cleveland Business in 1999 and the Clinical Translation Award at the 2nd Annual BioMEMS and Biomedical Nanotechnology World 2001 meeting. In 2003, Dr. Roy was selected as a recipient of the TR100, which features the world's 100 Top Young Innovators as selected by Technology Review, the Massachusetts Institute of Technology's Magazine of Innovation. In 2004, he was presented with a NASA Group Achievement Award for his work on harsh environment MEMS.

In 2005, Dr. Roy was named as a Who's Who in Biotechnology by Crain's Cleveland Business. In 2005 and 2007, he was recognized as a Cleveland Clinic Innovator. In 2009, he was nominated for the Biotechnology Industry Organization's Biotech Humanitarian Award, which is given in recognition of an individual who has used biotechnology to unlock its potential to improve the earth.

In 2012, he was presented the Rising Star Award by BayBio Pantheon, and in that same year, he received the Innovation Pathway 2.0 Award from the Food and Drug Administration (FDA).



HEYRENEE - A BEST FRIEND FOR CHRONIC DISEASE PATIENTS THAT HAS BEEN DEVELOPED BY AN INDIAN ORIGIN DOCTOR - RENEE DUA

Dr. Dua is the visionary behind HeyRenee. Dr. Dua created HeyRenee as a "best friend" that helps chronic disease patients achieve better health and live their best lives. HeyRenee helps patients with Chronic Conditions. These include the Elderly and Underserved. It helps to Coordinate, Communicate and Connect the Complex Aspects of their Healthcare Journey through One Unified, Intuitive, and Effective Experience. It can connect with the entire healthcare team and hence reduces the burden of appointment scheduling, in-home visits, prescription medication administration, telehealth visits, remote patient monitoring, and more.

Since 2014, Dr. Dua has served as the Chief Medical Officer of Heal - building the entire clinical team and leading numerous innovations including the CES Innovation Award winning Heal Hub. Dr. Dua was instrumental in working with CMS to expand house calls to all seniors and in driving strategy for Heal's clinical and patient facing products. Driven by the belief that great healthcare is a human right, Dr. Dua has always gone beyond the call of duty to give the greatest care to the neediest patients.



**TRIBUTE TO THE INDIAN ORIGIN DOCTOR
DR. SUGATA DAS**

Late Dr. Sugata das was a prominent Indian-origin cardiologist who died in a plane crash near Santee (California). He worked as an Interventional Cardiologist at Yuma Regional Medical Center (YRMC) in Arizona and owned the twin-engine Cessna C340 aircraft. He was also the director of the Power of Love Foundation, a US non-profit organisation that is involved in helping women and children overseas that are infected or affected by AIDS and HIV,

DR. SHAH AWARDED WITH WENDY U. AND THOMAS C. NARATIL PIONEER AWARD

An Indian American interventional cardiologist at Yale School of Medicine, Dr. Samit Shah was awarded with Wendy U. and Thomas C. Naratil Pioneer Award, Leading Way to Improved Heart Disease Diagnosis in Women. He specializes in the invasive evaluation of coronary physiology as well as coronary and peripheral vascular interventions. Dr. Shah's scholarly work has focused on the outcomes of cardiovascular interventions and the invasive assessment of coronary physiology. He has active research projects at Yale regarding invasive coronary physiology testing, ischemic heart disease in women, and the vascular effects of psychological stress



DR. KIRAN C. PATEL AN INSPIRING INDIAN-AMERICAN PHILANTHROPIST, CARDIOLOGIST AND BUSINESSMAN

Dr. Kiran C. Patel is a successful cardiologist and has developed a physician practice management company, expanded throughout the Tampa bay area, diverging into 14 practices including Family medicine, Internal Medicine, Pediatrics and cardiology. He has served as chairman of the board of Well Care HMO, INC. which under his leadership became this 5th largest Medicaid HMO in the United States. He had also started a new insurance holding company called America's 1st Choice Holdings of Florida and acquired two Tampa Bay based Medicare Advantage Health Plans, Freedom Health and Optimum Health which were later sold. He later invested in a medical device company Concept Medical.





AN INDIAN ORIGIN DOCTOR , THE GLOBAL HEAD OF R&D FOR JANSSEN HONORED BY THE INDIA COMMUNITY CENTER

Dr. Mathai Mammen is the global head of R&D for Janssen, the Pharmaceutical Division of J&J. His mission is to positively impact the lives of patients, their families and communities by working with some of the best scientists and physicians in the world to create transformational therapeutics.

He has received the India Community Center’s annual Inspire award for his work in developing the single shot J&J Covid-19 vaccine. Dr Mammen and his team of 600 people at J&J mobilized on a 24-hour/seven days a week schedule to develop the vaccine. For 14 months, no one ever took a day off

FORMER US PRESIDENT, BILL CLINTON TREATED BY AN INDIAN ORIGIN DOCTOR

Dr Alpesh Amin, had treated Former US President, Bill Clinton at the University of California-Irvine Medical Center during the month of October when he was admitted to the hospital because of suffering from an infection.

He is the Associate Professor of medicine and Vice chair for Clinical Affairs in the Department of Medicine at University of California, Irvine School of medicine. He is the founder and Executive Director of the Hospitalist Program at the UCI Medical Center in Orange, California where he is also the Medical Director of the Anticoagulation Clinic. He also serves as Chair of the Society of Hospital Medicine’s Education Committee.



RECOGNIZED AS A “TOP 50 MOST INFLUENTIAL CLINICAL LEADER” AND “100 MOST INFLUENTIAL PEOPLE IN US HEALTHCARE”



Dr. Sachin H. Jain, MD, MBA is the President and CEO of SCAN Group and Health Plan, where he is charged with leading the organization’s growth, diversification, and emerging efforts to reduce healthcare disparities. SCAN’s revenues top \$3.4B and the organization serves 220,000 patients. Previously, Dr. Jain was President and CEO of CareMore and Aspire Health, innovative care delivery systems with > \$1.6B in revenues serving 200,000 Medicare and Medicaid patients and 2500 associates in 32 states. He pioneered the first clinical program in the world focused on social isolation. Dr. Jain is also an adjunct professor of medicine at the Stanford University School of Medicine and a contributor at Forbes. Dr. Jain is a respected thought leader in health care delivery. He is regularly recognized as a “Top 50 Most Influential Clinical Leader” and “100 Most Influential People in US Healthcare” by Modern Healthcare. In 2018, LinkedIn named him its top voice (#1) for healthcare.



INDIAN ORIGIN CARDIOLOGIST PUTS FORTH HIS STUDY ON “MORBIDITY BURDEN ELEVATED FOR BLACK VS. WHITE PATIENTS RECEIVING LVAD”

Dr Mehra is one of the leading cardiologists in advanced heart failure and cardiac transplantation worldwide. His research focuses on mechanical circulatory support devices, the practice of cardiac transplantation, and innovative care processes for Advanced Heart Failure with a focus on value as we transition into a new Healthcare Era. Recently, he came up with a study that said Compared with white patients, Black patients who received a left ventricular assist device experienced a higher morbidity burden and smaller gains in functional capacity and quality of life.

According to him, the catalyst for this new study was the need to ascertain representativeness and generalizability of clinical trial outcomes to various populations being cared for by clinicians.

Dr. Mehra serves as The William Harvey Distinguished Chair in Advanced Cardiovascular Medicine and as Executive Director of the Center for Advanced Heart Disease, Brigham and Women’s Hospital. He is a Professor of Medicine at Harvard Medical School and Editor-in-Chief, The Journal of Heart and Lung Transplantation.

AN INDIAN AMERICAN-LED HEALTH MOBILE APP TO HELP THE PEOPLE DURING THIS CRISIS

Dr. Arup Roy-Burman, an Indian origin physician who has founded the start up Elemeno Health. It is the first cloud-based just-in-time support solution designed specifically for frontline healthcare teams. This bite-sized app, is like an "expert at your fingertips" with lifesaving information and continuously updated practices, essential patient care and COVID management data available on-demand. It empowers the frontline staff with real-time patient care and self-care support by providing training and communication solution in the form of videos, decision guides, text etc. these are accessible to the staff on any device 24/7. A feedback loop allows measurement of staff engagement, including identification of staff needs.

Dr Arup Roy-Burman is an Associate Clinical Professor of Pediatrics. He received his M.D., with Thesis, degree at UCSF and completed a residency in pediatrics at Lucile Packard Children’s Hospital at Stanford. He completed pediatric critical care training in the UCSF-Children’s Hospital Oakland Joint Fellowship Program. He also completed research fellowships at UCSF’s Cardiovascular Research Institute and the Department of Anesthesia. He began his clinical career at UCSF, followed by nearly a decade at Children’s Hospital Oakland, and returned to UCSF Benioff Children’s Hospital San Francisco in 2011.



GAPIO CONGRATULATES ALL THE ACHIEVERS FOR MAKING INDIA PROUD

Global Association of Physicians of Indian Origin

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