

Susan Niermeyer, MD, MPH is Professor Emerita of Pediatrics in the Section of Neonatology at the University of Colorado School of Medicine and senior scientist in the Center for Global Health at the Colorado School of Public Health.

Susan's clinical and educational areas of emphasis include neonatal resuscitation, cardiopulmonary physiology in infancy, and global neonatal survival. She served as co-chair of the American Academy of Pediatrics (AAP) Neonatal Resuscitation Program Steering Committee and edited the ILCOR (International Liaison Committee on Resuscitation) neonatal resuscitation guidelines in 2000. She currently serves as a member of the AAP *Helping Babies Survive* Planning Group and Technical Advisory Group member for the World Health Organization Essential Newborn Care Course and development of educational materials for small and sick newborn care.

Susan's research interests center on adaptation in the neonatal period, with a focus on cardiopulmonary adaptation and low birth weight at high altitude. She is site principal investigator for the NIH-funded *VentFirst* trial of respiratory support with intact placental circulation in extremely preterm infants. Her high-altitude research has included study of infant oxygenation in Lhasa, Tibet, studies of infant birth weight and cardiopulmonary adaptation in La Paz, Bolivia, studies of pulmonary hypertension and cardiopathies in Peruvian children, and pulse oximetry screening for critical congenital heart disease at moderate to high altitude in Colorado.

Underlying her interest in neonatal resuscitation and high-altitude physiology is a strong commitment to health equity and equal access to essential care at birth for mothers and newborns, especially those in isolated and resource-constrained regions. This is reflected in her continuing role with the American Academy of Pediatrics (AAP) and the World Health Organization (WHO) to produce and implement a suite of educational materials aimed at reducing the major causes of maternal and newborn deaths and improving global neonatal survival. She also serves as consultant to the newborn team of the United States Agency for International Development in Washington DC for the development of operational guidance on scaling up a WHO/UNICEF model of small and sick newborn care.