

Prof. Dr. Gustavo Zubieta-Calleja (Jr.), Head of the High Altitude Pulmonary & Pathology Institute IPPA, this year) in La Paz, Bolivia

In charge of Pulmonary Function, bioengineering, and computer programming at IPPA. Visiting professor at the UNIVERSITY OF COPENHAGEN. Visiting Professor at the BLDE UNIVERSITY in Vijayapur, India. Member of the INTERNATIONAL ASSOCIATION FOR MEDICAL ASSISTANCE TO TRAVELERS, IAMAT. Fellow of the Pulmonary Vascular Research Institute. Editor at High Altitude Medicine and Biology, invited editor of Wilderness and Environmental Medicine, Acta Physiologica, Indian Journal of Clinical Biochemistry, BLDE Univ J., and invited reviewer of multiple other journals. Physician of diplomatic corps in Bolivia.

Member of the Children at high altitude: an international consensus statement by an ad hoc committee of the International Society for Mountain Medicine. Member of the International Consensus Statement on Chronic and Subacute High Altitude Diseases. Founder of the Zubieta University, Poul-Erik Paulev High Altitude Diving Laboratory. Creator of the Science, Honor, and Truth Awards.

He organized with the late Prof. Dr. Gustavo Zubieta-Castillo (Sr) the “Mountain Guru” and the American Embassy 1994 the First World Congress on High Altitude Medicine and Physiology in La Paz, Bolivia. He also organized all 8 Chronic Hypoxia Symposiums in La Paz. the latest 2 with the collaboration of Natalia Zubieta, M.D., spanning from 2005 to 2022. The 4th was organized jointly with the India Defense Institute of Physiology and Allied Sciences (DIPAS), along with the Global Hypoxia Summit in Dehli. Development and construction of a computerized Hyperoxic/Hypoxic Adaptation Chamber in La Paz at 3,500m and the Chacaltaya High Altitude Pyramid laboratory located at 5300 m. Developed the Modified Van Slyke Acid-Base balance high altitude equations. Co-author of the high altitude diving tables with Prof. Poul-Erik Paulev and the High Altitude Adaptation formula with Gustavo Sr.

He developed the Tolerance to Hypoxia formula and the concept of Space travel in a Chronic Hypoxia Environment creating the term “BioSpaceforming” recently exposed at the Space Physiology Symposium in the Pan-American Physiology Congress in Varadero, Cuba 2019. He has been invited to give conferences on Chronic Hypoxia throughout India on 5 different occasions and likewise given scientific tours in the US at the NIH, Tulane Medical School, Center for Space and Planetary Sciences at the University of Arkansas, and the Geriatrics Society in Pennsylvania.

In 2019 he also gave conferences in Italy at EURAC in Bolzano and at the Univ of Milan and many other countries. He collaborated with Gustavo Sr. on the concepts of Chronic Mountain Sickness, now evolving in their deep understanding and interpretation. He is now changing the world's concepts concerning the advantages of life at high altitude.