

Biography

Farhad Memarzadeh, Ph.D., P.E.

Farhad Memarzadeh is the Director, Division of Technical Resources (DTR) at the National Institutes of Health (NIH). The NIH is an agency of the U.S. Department of Health and Human Services. With the headquarters in Bethesda, Maryland, the NIH has more than 18,000 employees on the main campus and at satellite sites across the country. NIH is the premiere biomedical research institute in the United States and the largest, most comprehensive research institution of its kind in the world.

DTR Major Responsibilities are: to conducts ground breaking bio-environmental research, complex technical analysis, provides design review of high containment biomedical research laboratories; develops national and international standards for biomedical and health care facilities; and provides consultant services and support to other Federal agencies engaged in both national and international programs to promote the application of best engineering design and construction practices for biosafety levels 2, 3 and 4.

Dr. Memarzadeh has authored 4 books and written over 60 scientific research and technical papers in peer reviewed journals.

He is an international consultant on biocontainment and medical research laboratories throughout the world. He has been a guest and keynote speaker at over 50 international scientific and engineering conferences and symposia.

Dr. Memarzadeh is a lecturer at the Harvard School of Public Health.

He is Editor-in-Chief of the World Review of Science, Technology and Sustainable Development Journal that addresses issues that will be central to world sustainable development through efficient and effective technology transfer. He is also, the Co-Editor in Chief of Global Science and Technology; Journal of BioSciences.

Dr. Memarzadeh has been the principal investigator on numerous groundbreaking research studies. He pioneered NIH's Bio-Environmental Engineering Research Program.

Dr. Memarzadeh has received numerous national awards and commendations including; NIH Director's award for exceptional research in reducing airborne transmission of infectious agents, several commendations from United States senate for outstanding research on energy and environmental measures and the National Society of Professional Engineers top ten Engineer of the year award, as well as Scientific/Engineering Literary awards for outstanding scientific publications.