

Preventing Cardiovascular Disease



Michael Criqui

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Division of Preventative Medicine, Family Medicine, and Public Health

CURRENT RESEARCH

Stressing preventive measures so that treatment techniques do not have to be realized

Advances in modern medicine have seen tremendous strides in the diagnosis and treatment of a number of major diseases afflicting humankind. Trailing behind though are similar advances in preventive medicine, which could alleviate some of the treatment costs for major diseases. Dr. Michael Criqui, University of California, San Diego's Chief of the Division of Preventative Medicine, is focused on research in preventive medicine because in the long run, prevention of a clinical event completely avoids the associated morbidity and mortality, and is much more cost-effective than treating disease. His research is identifying the individuals at the highest risk of future cardiovascular disease with much greater precision than traditional techniques, and thus is enabling early preventive strategies to avoid the development of future cardiovascular disease. In many cases, people at high risk for serious cardiovascular events are unaware, because the major risk factors are typically not associated with pain or discomfort. An individual can therefore be at an extreme risk of heart attack and have little to no idea of the impending crisis. Dr. Criqui's techniques will sort out individuals that are at high risk, but feel fine, from normal healthy people, and tailor treatments to meet the needs of the severity of their condition. For example, anti-platelet drugs are often not prescribed to individuals for cardiovascular disease prevention, but in persons at high risk, it is a good measure as the risk of a cardiac event outweighs the threat of bleeding. Using these techniques, Dr. Criqui can identify people at great need of aggressive preventive techniques.

Dr. Criqui is focusing the majority of his current research on the...

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AFFILIATION

 University of California, San Diego

EDUCATION

- B.A., in Psychology, 1966 , University of California, Berkeley
- M.D., in Medicine, 1970 , University of California, San Francisco
- M.P.H., in Public Health, 1976 , University of California, Berkeley

AWARDS

- Ancel Keys Memorial Lecturer Award American Heart Association (AHA), 2013
- Distinguished Fellowship Award International Academy of Cardiology, 2013
- Marcus Award for Distinguished Contribution as a Gifted Teacher International Academy of Cardiology, 2011
- Distinguished Scientist American Heart Association, 2010
- President's Award for Vision Vascular Disease Foundation, 2010
- and 5 more...

RESEARCH AREAS

Life Science, Cardiovascular, Diagnostics, Cardiovascular

FUNDING REQUEST

Your contributions will enable Dr. Criqui to pursue a number of ideas related to preventive medicine. There are a number of potential projects that do not receive public funding, and private contributions will allow him to explore these. Most of the current research projects discussed are not publically funded, and those that are will expire within two years. Dr. Criqui is working actively to find answers to these and related questions that will lead to novel therapies for disease prevention.