

George Gruner Biography

Dr. George Gruner received his B.S. and Ph.D. degrees in Budapest, Hungary. In 1972/73 he was a postdoctoral associate at Imperial College, London. Since 1981, he has been a Distinguished Professor of Physics at the University of California, Los Angeles. During his tenure at UCLA, Dr. Gruner has served as the Director of UCLA's Solid State Science Center, directed a research group at the Los Alamos National Laboratory and was a visiting Professor at several leading universities and academic institutions worldwide.

Between 2001 and 2005, Dr. Gruner served as Chief Technology Officer and Chief Scientist at Nanomix Inc., a company with the focus of developing nano-scale bio-sensors using an electronic detection technology. While at Nanomix, he invented and developed the company's technology platform and was responsible for the development of its intellectual portfolio as well as the development of the Nanomix's first product. Dr. Gruner founded Unidym Inc. in 2005, a company developing printed electronics products and initially served as Chief Executive Officer before taking on the position of Chief Scientist. As Unidym's founder, Dr. Gruner established the technology platform, identified the first product, secured the company's first funding, and oversaw its initial growth stage in both technology and business development. Currently he leads Amperics Inc, an energy storage company capitalizing on technologies developed by his group.

Dr. Gruner is a member of several learned societies. He is the recipient of Guggenheim and Alexander von Humboldt awards, among others, and is a dual recipient (in 2004, for his work at Nanomix, and in 2008, for his contributions at Unidym) of the "Technology Pioneer" award given by the World Economic Forum to individuals spearheading visionary companies that have significant impact to emerging technologies and markets. Dr. Gruner is the only individual to date to have received the Technology Pioneer award twice. He is, and has been, a board member and advisor to several government organizations and companies, both in the US and abroad and he serves on the editorial board of several publications, including the Journal of Nanotechnology.

Dr. Gruner has enjoyed a lengthy career with a key focus on the research and development of new electronic materials and the exploration of their potential applications. He is the author of two books, more than 400 articles and over 30 patents and patent applications, and is one of the most highly cited academics in the world. His research group is currently focusing on the development of new materials and technologies relating to clean energy, his interests extend to the interface between nano and biotechnology.