

Health Science Education and Scientific Preparation (The Future of Health Science and Dental Education)



- 1998~2016 UCLA 치과대학 학장
- 현재, UCLA 치과대학/의과대학 석학교수
- UCLA 치과대학 명예학장

Selected Honors and Awards

- 2001 **Distinguished Scientist Award** from the International Association for Dental Research (IADR), Chiba, Japan
- 2002 **Distinguished Overseas Compatriots' Prize (Distinguished Scientist in the Area of Natural Sciences)**, KBS (Korean Broadcasting System: KBS, Seoul, Korea
- 2002 **The First Alumnus of the Year, Seoul National University College of Dentistry**, Seoul, Korea
- 2006 Awarded title of "**Distinguished Professor of Dentistry**" at UCLA
- 2006 Awarded title of "**Distinguished Professor of Medicine**" at UCLA
- 2007 **Alumnus of the Year, Seoul National University (University wide selection)**, Seoul, Korea.
- 2007 **Silver Anniversary Award for distinguished cancer research**, Harvard University
- 2009 Establishment of "**Dr. No-Hee Park Endowed Chair in Dentistry**" by UCLA
- 2010 The **Gies Award** as the **Most Achieved Dental Educator** by the **Gies Foundation of the American Dental Education Association (ADEA)**
- 2010 **Distinguished Alumnus of the Year, Georgia Regents University Medical College of Georgia**, Augusta, GA
- 2012 **American Association for Advanced Science (AAAS) Fellow for Distinguished Cancer Research and Academic Leadership**
- 2015 **2015 honorary alumnus of the UCLA School of Dentistry for distinguished leadership**
- 2015 **Special Recognition as a visionary leaders by the UCLA Dentistry Community at its 50th anniversary Gala**
- 2016 **Honorary Doctorate** from Meikai and Asahi Universities, Japan
- 2017 "**Person of Distinguished Service to Science and Technology**", Republic of Korea
- 2018 "**Hall of Fame in Science and Technology**", Republic of Korea

During the past decade, U. S. universities have been challenged by enormous external environmental factors such as: (1) diminishing resources and the erosion of the clinical environment; (2) rapid emergence of new knowledge and technology; (3) information technology development; (4) demands of transparency and accountability from the students and public; (5) inequities in education and health care access; and (6) more demands on university research, scholarly activities and civic engagement.

To meet the above challenges while effectively executing their missions (creating, disseminating and preserving of knowledge, and applying knowledge for the betterment of our global society), universities have to be more creative and create (1) sound financial foundations; (2) innovative teaching programs through curricular reform; (3) a robust research enterprise; and (4) a collegial community in the university.

In order to create sound financial foundations, universities must manage their budgets more effectively and efficiently, diversify the revenue sources, and engage in aggressive fund raising activities.

Universities must place “learning”, especially student learning, at the heart of the university’s mission. “Learning” encompasses not only mediated learning (or classroom teaching) but also personal scholarship and organized research. As the philosopher John Dewey so wisely stated, “Education implies the guidance of behavior in harmony with social processes.” In other words, the university must not only teach students the knowledge of the past, but also prepare them to deal with the rapidly changing society of the future. Since it is impossible to predict what society will be like in 20-40 years, we cannot prepare students for a precise set of conditions. Thus university educators have an obligation to prepare students by developing their critical thinking and self-study abilities *via* scholarship. Education liberates people’s souls. It gives people the perspective as passports and visas to other times, other locations, path for exploring unknown truth, and other points of view of the value of our life

Derek Bok, former President of Harvard University, stated that “the quality most valued in the university is its intellectual environment and, most specifically research, which represents the ultimate expression of a scholar’s powers, intellectual labor brought to its highest, most exalted state.” I totally agree with President Bok’s view and believe that universities have an obligation to create a culture that highly values research and scholarly activities. Detailed research strategies will be discussed during the speech.