

Dr. Warren W. Buck

Chancellor Emeritus and

Professor of Physics, School of STEM

University of Washington, Bothell

Warren Buck is presently Professor of Physics and Chancellor Emeritus of the University of Washington, Bothell (UWB), one of three University of Washington (UW) campuses. He served as Chancellor from July 1999 thru June 2005.

Buck is a builder and enhancer of programs and institutions. He was the first Director of the Science and Technology Program at UWB from July 2009 to March 2012. The Science and Technology Program will bring far more STEM fields to the UWB campus and it was a pleasure to be able to help launch this new program as director. Within 3 years, we wrote curricula and created majors in biology and electrical engineering, graduated our first students: five in biology and five in electrical engineering in 2011. We grew from the original three faculty to 19 voting faculty plus 18 or so part-timers, and 4.5 staff. This development helped to stave off statewide initiatives to build another university campus to the north of UWB for science and technology. As of 2013, the Science and Technology Program is now the School of STEM with a dean overseeing it.

During his six year tenure as chancellor, UWB grew from offering upper division undergraduate and several Masters programs only to a full 4-year institution admitting freshmen for the first time Sept 2006. The UWB moved to its permanent campus August 2000 in the city of Bothell. This new campus is co-located with and provides infrastructure support to Cascadia Community College.

As Chancellor from June 1999 through June 2005, Buck oversaw the completion and major portion of the construction of the Bothell campus, completed in 2001; and, administered the high quality type of educational experience that is characteristic of the University of Washington.

The campus construction project was approximately \$180 million that included the co-located Cascadia Community College. Five new academic curricula were brought on board during his tenure as well as growing a \$40,000 budget reserve into more than \$1.6 million. The South Campus Access, a road project, was awarded funding during Buck's tenure as chancellor – this project was the key to allowing the campus to grow to 10,000 students.

Among other things, Buck established the Vice Chancellor administrative structure presently in place at UW Bothell. Soon afterwards, UW Tacoma recognized the benefits and established the similar administrative structure.

As chancellor of the UW Bothell, Buck also served in a capacity to help manage the entire University of Washington through serving on the President's Cabinet, Provost's Staff, Board of Deans, and advising the Athletic Director via the Tyee Board of Advisors.

Buck recognized for his work in physics and physics education and is a Fellow and Life Member in the American Physical Society.

Buck is founding Director/Principal Investigator of the Nuclear/High Energy Physics (NuHEP) Research Center of Excellence and Full Professor of Physics at Hampton University in Hampton, Virginia. Upon his leaving Hampton to assume the chancellor' post at UWB, the successful NuHEP Center had six senior researchers of professorial rank, four postdoctoral fellows, 21 graduate and undergraduate students, and four full time staff members; Buck was the first in this group to arrive

at Hampton. The Hampton University/Thomas Jefferson National Accelerator Facility (The Jefferson lab) partnership model, under which the NuHEP Center partially operated, was the first of its kind and has sparked 15+ other university partnerships with the Jefferson Lab. The NuHEP Center, created by Prof. Buck in 1990, was mainly funded through a cooperative agreement with the National Science Foundation/CREST but also enjoyed substantial external funding from the US Department of Energy, the Jefferson Lab, and NASA. Many former members of the NuHEP Center have created very successful careers in science.

In addition to helping to build a scientific program at the Jefferson Lab and creating the popular HUGS at CEBAF Summer School for graduate students and the Undergraduate Institute in Physics/REU summer program, Buck serves, and has served, on a variety of national and international physics and educational committees that include the Board of Directors of the Thomas Jefferson National Accelerator Facility's Users Group, the American Institute of Physics' Advisory Committee for Statistics and Education Division, Chair of the American Physical Society's Committee on Education, the National Visiting Committee for the Physics Education Group at UW Seattle, and co-chairing a National Research Council committee.

He has published his research results in covariant theoretical formulations of hadronic interactions that include Meson Theory and Quantum Chromodynamics in prominent journals, has presented widely, and has been Visiting Professor at universities in the United States and abroad.

An active member of the community at large, Chancellor Buck has sat on the boards of the Washington Technology Center, the King County Cultural Development Authority (4Culture), the Bellevue Chamber of Commerce, United Way of King County (founding chair of the Children's Initiative/Success By 6), Chief Seattle Council of the Boy Scouts of America, the Alumni Association of the College of William and Mary (executive committee and chaired the committee that established the Margaret The Lady Thatcher Award for graduate students), and the Tyee Club (advising the athletic director of the University of Washington, Seattle). He was also the chair of the campaign that funded the City of Kenmore, Washington's history book. He has served on the Board of Directors of the Pacific Science Center (PSC) as well as former chair of the Science and Education Advisory Committee of the PSC housed in Seattle. He now serves on the Board of Trustees of the Pacific Northwest University for Health Science in Yakima, Washington.

Warren Buck is also a member of the Omicron Delta Kappa Leadership Fraternity, a watercolorist and visual artist (<http://faculty.washington.edu/wbuck/art.html>), and yachtsman.