

## Dantzler Receives ACDP Distinguished Service Award

William S. Spielman, President of the Association of Chairs of Departments of Physiology (ACDP), presented the ACDP's highest award, the Distinguished Service Award, to William H. Dantzler, MD, PhD, Univ. of Arizona College of Medicine, during the organization's 2007 fall meeting in Puerto Vallarta, Mexico.

Dantzler was selected to receive the ACDP Distinguished Service Award for his long and illustrious service to ACDP, to science, and to physiology.

Dantzler was born in Mt. Holly, NJ. He graduated from Princeton Univ. in 1957 and then continued on to Medical School at Columbia Univ. After finishing his MD degree in 1961, he did his internship at the Univ. of Washington Hospital for a year. He then moved to Duke Univ. for his PhD where he studied under Bodil Schmidt-Nielsen. He was awarded his PhD in 1964.

Dantzler was recruited to the College of Physicians & Surgeons at Columbia Univ. as an Assistant Professor of Pharmacology. In 1968, he moved to the Univ. of Arizona when Paul Johnson hired him as an Associate Professor in his brand new Department of Physiology in the new medical school. Dantzler was promoted to Professor, then Acting Head, and became the per-

manent Chair of the Department in 1991. He stepped down from the chairmanship and became Professor Emeritus in 2005. Dantzler's career includes a number of stints as a visiting professor at the Physiologisches Institut of the Univ. of Wurzburg in the Federal Republic of Germany and one at the Institut fur Physiologie of Innsbruck Univ. in Austria.

Dantzler continues his research on two main fronts, both focused on the kidney: 1) the relationship of the three-dimensional functional and structural organization of thin limbs of Henle's loops, vasa recta, and collecting ducts in the mammalian inner medulla to the urine concentrating mechanism; and 2) the cellular and molecular mechanisms and regulation of organic anion and cation transport in proximal tubules of mammals, birds, and reptiles.

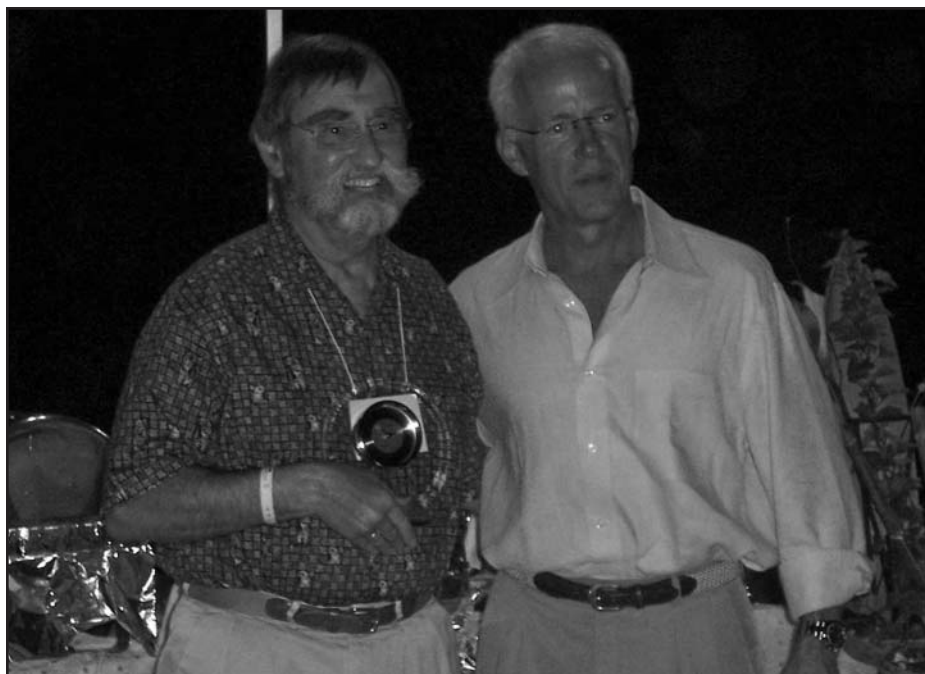
As an ACDP member, Dantzler served as Councillor from 1996-1998 before being chosen as President-elect in 1998. He served as ACDP President in 1999-2000. He was also very active in The American Physiological Society, serving as President in 1993-1994. In addition, he served as a member of the Membership, Finance, and Daggs Award Committees and the Committee on Committees. He has also served as

Secretary and Chairman of the Renal Section, as Councillor and Chairman of the Water and Electrolyte Homeostasis Section, and as Councillor and Treasurer of the Comparative Physiology Section. Dantzler has played a particularly active role with the APS's publications, serving as Associate Editor for many years for both *News in Physiological Sciences* and *American Journal of Physiology: Regulatory, Integrative and Comparative Physiology*. He served as Editor of the latter journal from 1990-1995 and also as Editor of the *Handbook of Comparative Physiology* from 1990 to 1997. He was a long-time representative to the AAMC's Council of Academic Societies, serving on the Administrative Board, Nominating Committee, and Executive Council. He was elected Chair-elect in 2001, serving as Chair in 2002-2003. As a result of his outstanding service, he was named a Distinguished Service Member (honorary) of the AAMC in 2005.

Nationally, Dantzler has served on many scientific and educational advisory and review groups for National Institutes of Health, National Science Foundation, and National Kidney Foundation, as well as a myriad of institutional and program evaluations. Internationally, Dantzler served the International Union of Physiological Sciences (IUPS) on the US National Committee, on the Committee on Scientific Commissions, and on the Organizing Committee for the 2005 IUPS meeting held in San Diego.

Dantzler has been recognized at the Univ. of Arizona College of Medicine numerous times for his teaching, including Basic Sciences Educator of the Year, Spotlight of Excellence Award for Outstanding Teaching and Outreach to Medical Students, Top Ten Contributors to Basic Sciences Curriculum, and Dean's List for Excellence in Teaching in the Basic Sciences. His research has also been recognized by many awards, including the Alexander von Humboldt Senior US Scientist Award and Univ. of Arizona's Founders Day Award.

Because of his scientific endeavors, his mentoring and teaching abilities, and his service to ACDP and physiology, the ACDP was proud to present its 2007 Distinguished Service Award to William Dantzler. ❖



ACDP President William S. Spielman presenting the Distinguished Service Award to William H. Dantzler.

## Sweeney Presents First Annual ACDP Arthur Guyton Lecture

H. Lee Sweeney, PhD, Univ. of Pennsylvania School of Medicine, was named the first Arthur Guyton Lectureship recipient. As the Arthur Guyton Lecturer, he presented the major scientific talk at the 2007 ACDP Fall Meeting in Puerto Vallarta, Mexico.

Sweeney spoke on his efforts to find and characterize a member of the myosin superfamily that moves in the reverse on actin and his work to create a therapy for patients with genetic diseases in which the disease-causing mutation is a point mutation that results in a premature stop codon.

The Guyton Lectureship was established in 2006 when then ACDP President Richard Bergman suggested that a named lectureship be established to bring an outstanding researcher to the ACDP fall meeting to participate in the program. The membership unanimously approved the suggestion and



**H. Lee Sweeney**

proposed naming it after the late Arthur C. Guyton, MD, a giant in the world of physiology. William S. Spielman, 2007 ACDP President, had the honor of selecting the first Guyton Lecturer.

Sweeney is the William Maul Measey Professor and Chair of Physiology at the Univ. of Pennsylvania School of Medicine. He has been chair since 1999. He received his undergraduate education at MIT and received his PhD in physiology from Harvard Univ.

Sweeney's research program has both basic research and translational research components. The translational work is focused on the muscular dystrophies involving the dystrophin-glycoprotein complex. His recent efforts have focused on the development of pharmacological strategies for the treatment of Duchenne muscular dystrophy. His basic research efforts address the structure and function of members of the myosin superfamily of molecular motors. Recent efforts have mostly focused on the unconventional myosins, myosin V and myosin VI. ❖